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VERITAS

Test Report No.: PSU-QBJ2408220111RF03





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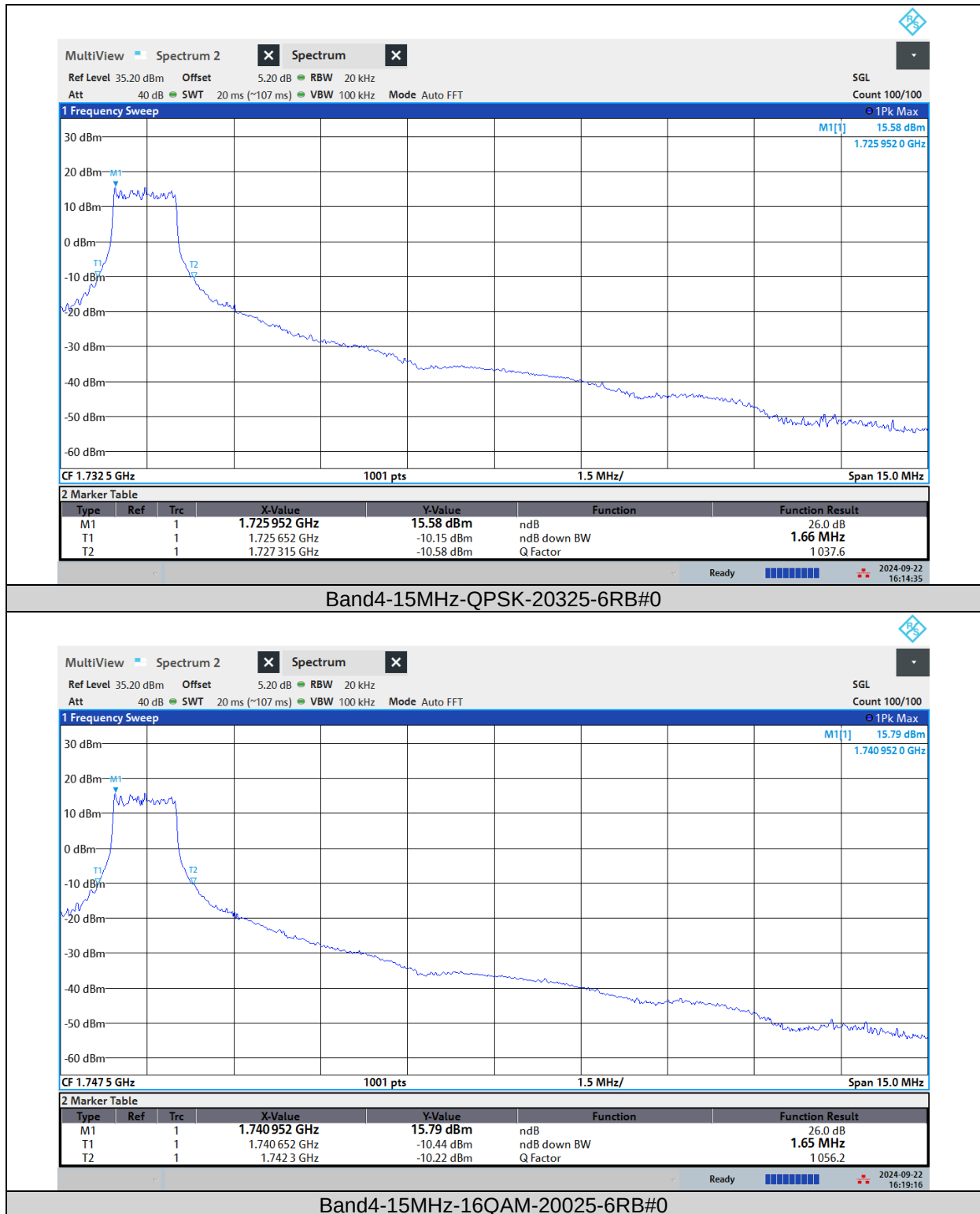
Test Report No.: PSU-QBJ2408220111RF03





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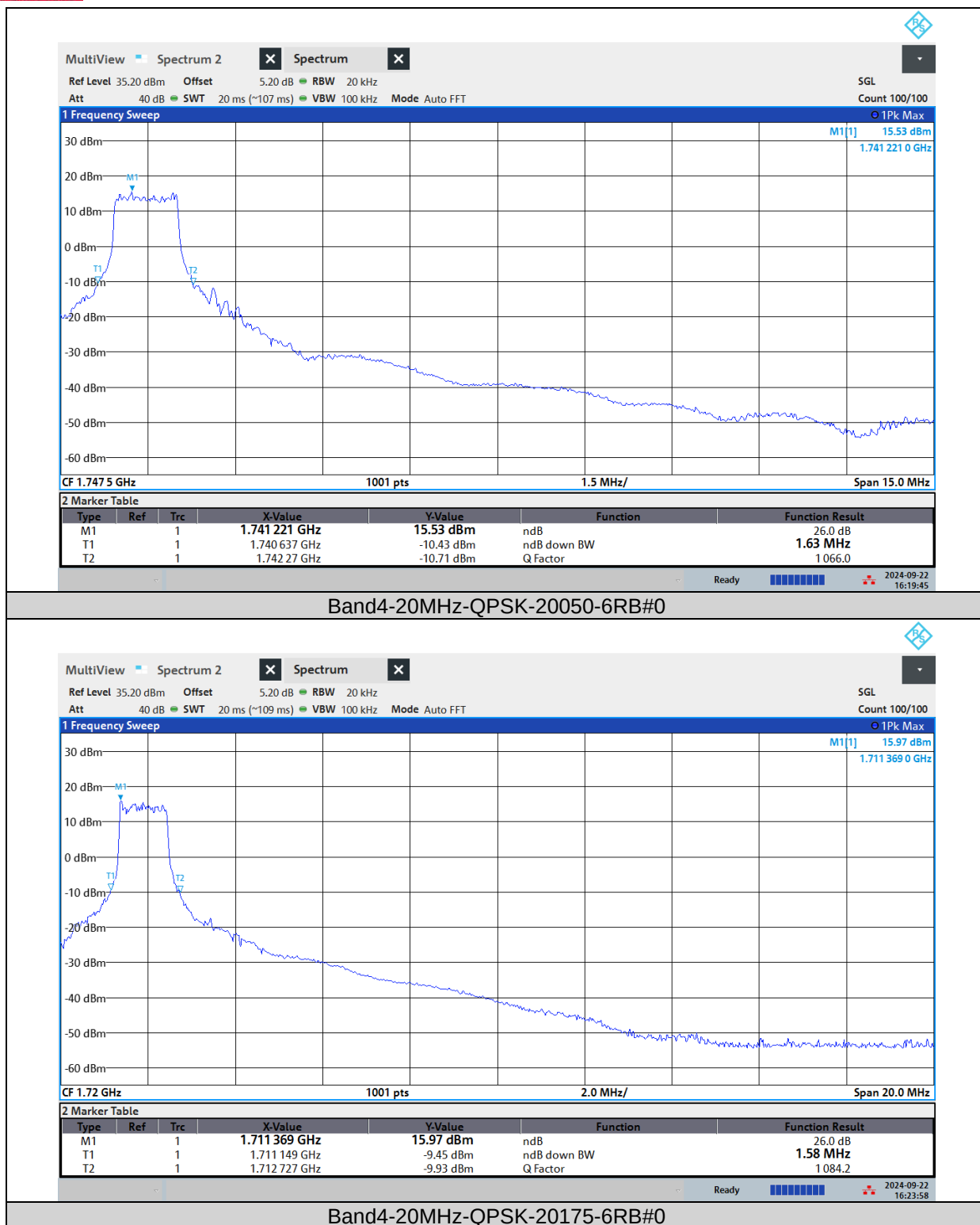
Test Report No.: PSU-QBJ2408220111RF03





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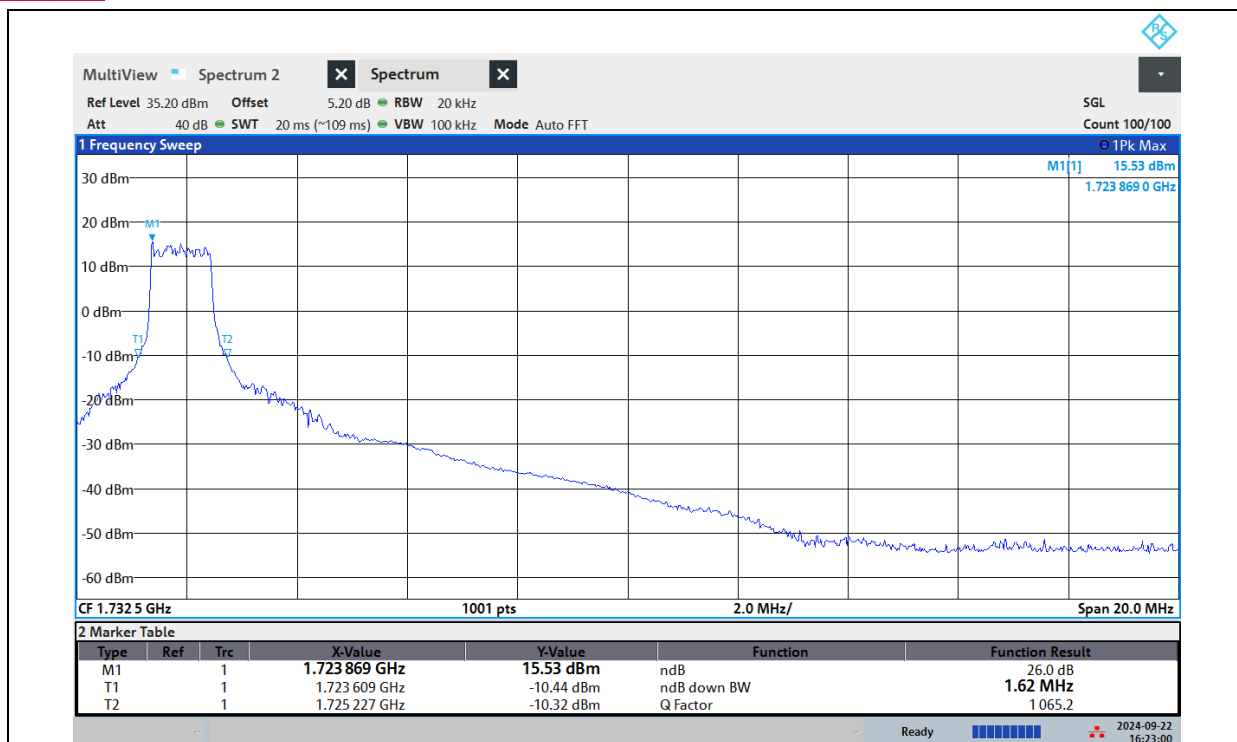
Test Report No.: PSU-QBJ2408220111RF03



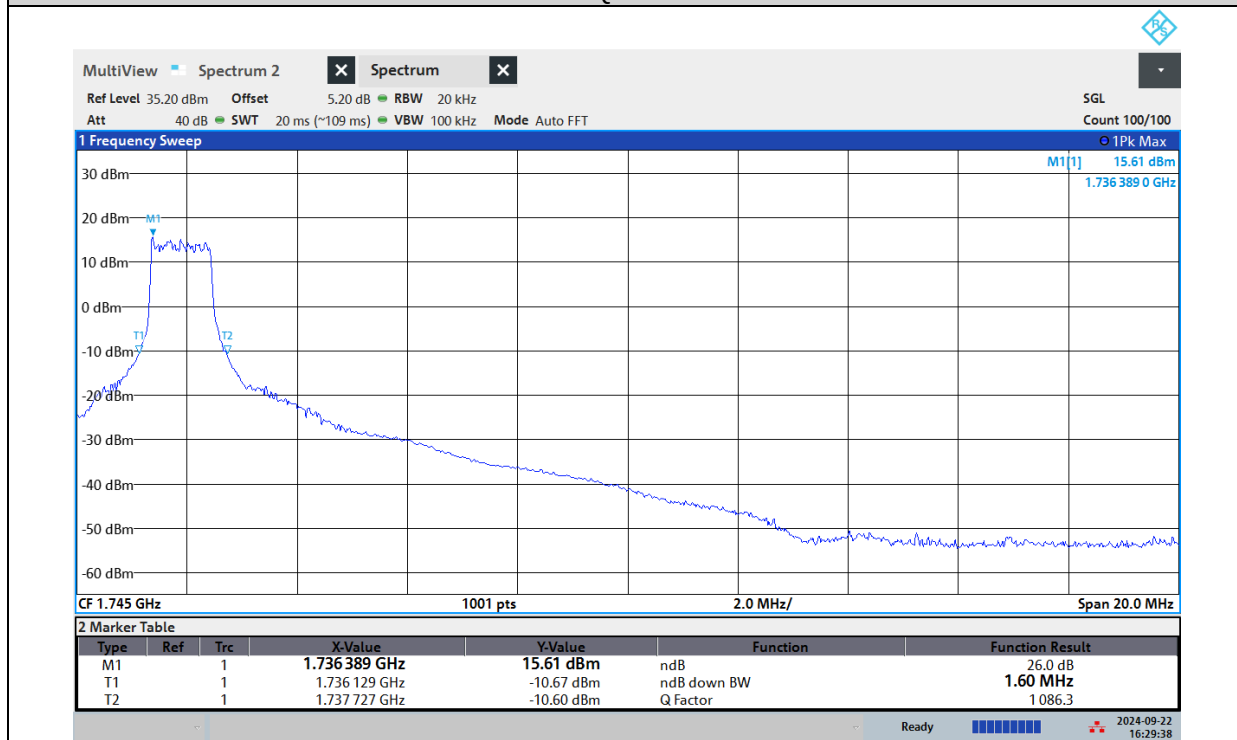


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Test Report No.: PSU-QBJ2408220111RF03



Band4-20MHz-QPSK-20300-6RB#0

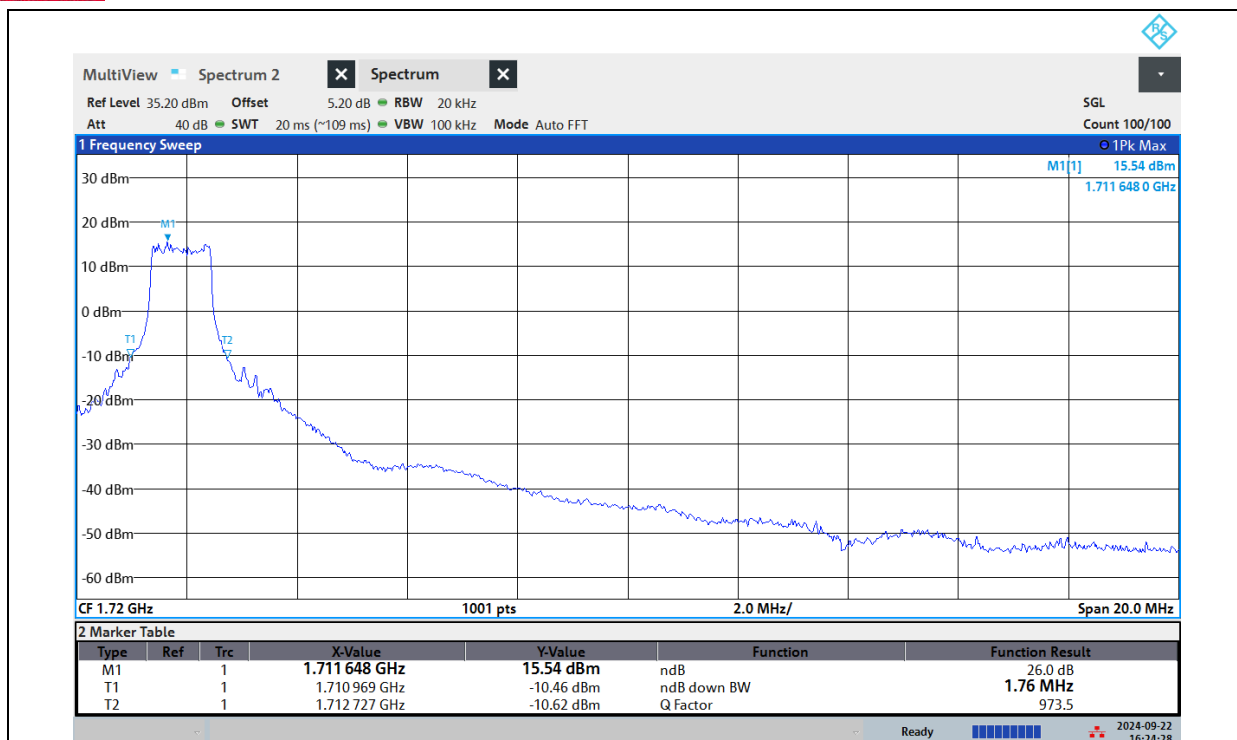


Band4-20MHz-16QAM-20050-6RB#0

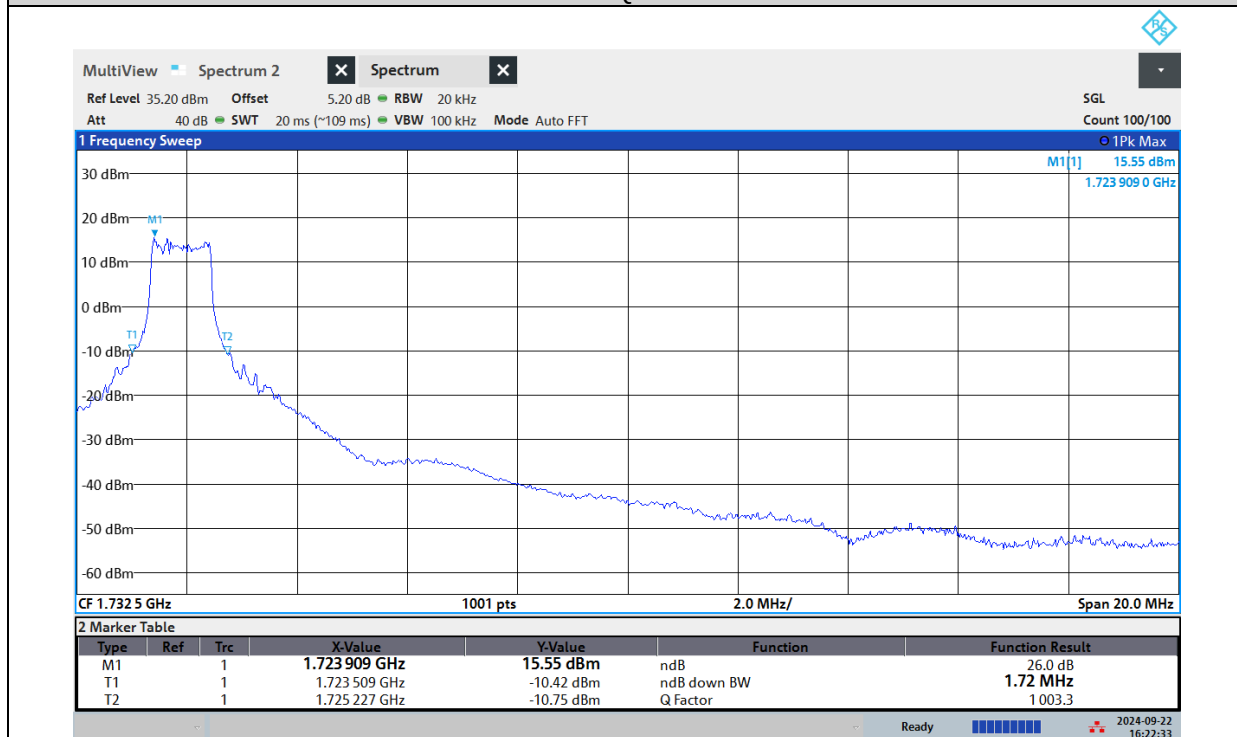


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Test Report No.: PSU-QBJ2408220111RF03



Band4-20MHz-16QAM-20175-6RB#0

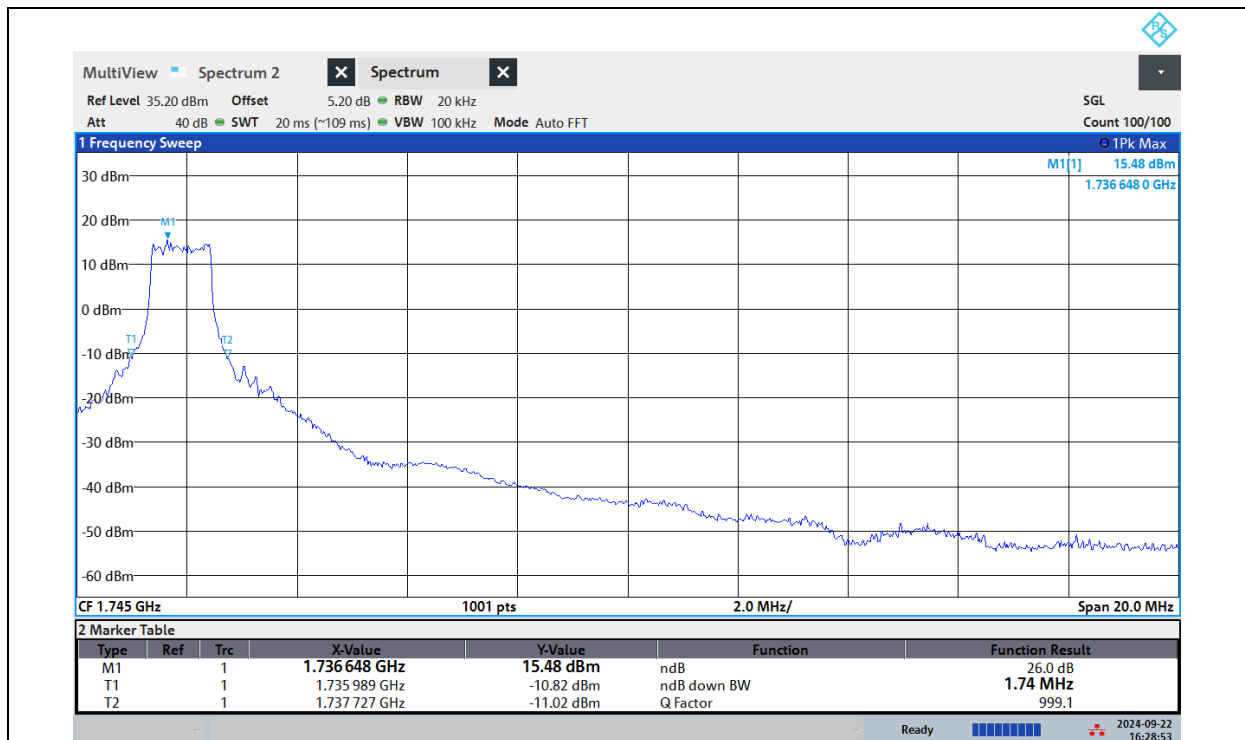


Band4-20MHz-16QAM-20300-6RB#0



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Test Report No.: PSU-QBJ2408220111RF03



BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	See Graph	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	See Graph	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	See Graph	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	See Graph	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	See Graph	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	See Graph	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	See Graph	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	See Graph	PASS
Band4	3MHz	QPSK	19965	1RB#0	See Graph	PASS
Band4	3MHz	QPSK	19965	6RB#0	See Graph	PASS
Band4	3MHz	QPSK	20385	1RB#5	See Graph	PASS
Band4	3MHz	QPSK	20385	6RB#0	See Graph	PASS
Band4	3MHz	16QAM	19965	1RB#0	See Graph	PASS
Band4	3MHz	16QAM	19965	6RB#0	See Graph	PASS
Band4	3MHz	16QAM	20385	1RB#5	See Graph	PASS
Band4	3MHz	16QAM	20385	6RB#0	See Graph	PASS
Band4	5MHz	QPSK	19975	1RB#0	See Graph	PASS
Band4	5MHz	QPSK	19975	6RB#0	See Graph	PASS
Band4	5MHz	QPSK	20375	1RB#5	See Graph	PASS
Band4	5MHz	QPSK	20375	6RB#0	See Graph	PASS
Band4	5MHz	16QAM	19975	1RB#0	See Graph	PASS
Band4	5MHz	16QAM	19975	6RB#0	See Graph	PASS
Band4	5MHz	16QAM	20375	1RB#5	See Graph	PASS
Band4	5MHz	16QAM	20375	6RB#0	See Graph	PASS
Band4	10MHz	QPSK	20000	1RB#0	See Graph	PASS
Band4	10MHz	QPSK	20000	6RB#0	See Graph	PASS
Band4	10MHz	QPSK	20350	1RB#5	See Graph	PASS
Band4	10MHz	QPSK	20350	6RB#0	See Graph	PASS
Band4	10MHz	16QAM	20000	1RB#0	See Graph	PASS
Band4	10MHz	16QAM	20000	6RB#0	See Graph	PASS
Band4	10MHz	16QAM	20350	1RB#5	See Graph	PASS
Band4	10MHz	16QAM	20350	6RB#0	See Graph	PASS
Band4	15MHz	QPSK	20025	1RB#0	See Graph	PASS
Band4	15MHz	QPSK	20025	6RB#0	See Graph	PASS
Band4	15MHz	QPSK	20325	1RB#5	See Graph	PASS
Band4	15MHz	QPSK	20325	6RB#0	See Graph	PASS
Band4	15MHz	16QAM	20025	1RB#0	See Graph	PASS
Band4	15MHz	16QAM	20025	6RB#0	See Graph	PASS
Band4	15MHz	16QAM	20325	1RB#5	See Graph	PASS
Band4	15MHz	16QAM	20325	6RB#0	See Graph	PASS
Band4	20MHz	QPSK	20050	1RB#0	See Graph	PASS
Band4	20MHz	QPSK	20050	6RB#0	See Graph	PASS
Band4	20MHz	QPSK	20300	1RB#5	See Graph	PASS
Band4	20MHz	QPSK	20300	6RB#0	See Graph	PASS
Band4	20MHz	16QAM	20050	1RB#0	See Graph	PASS

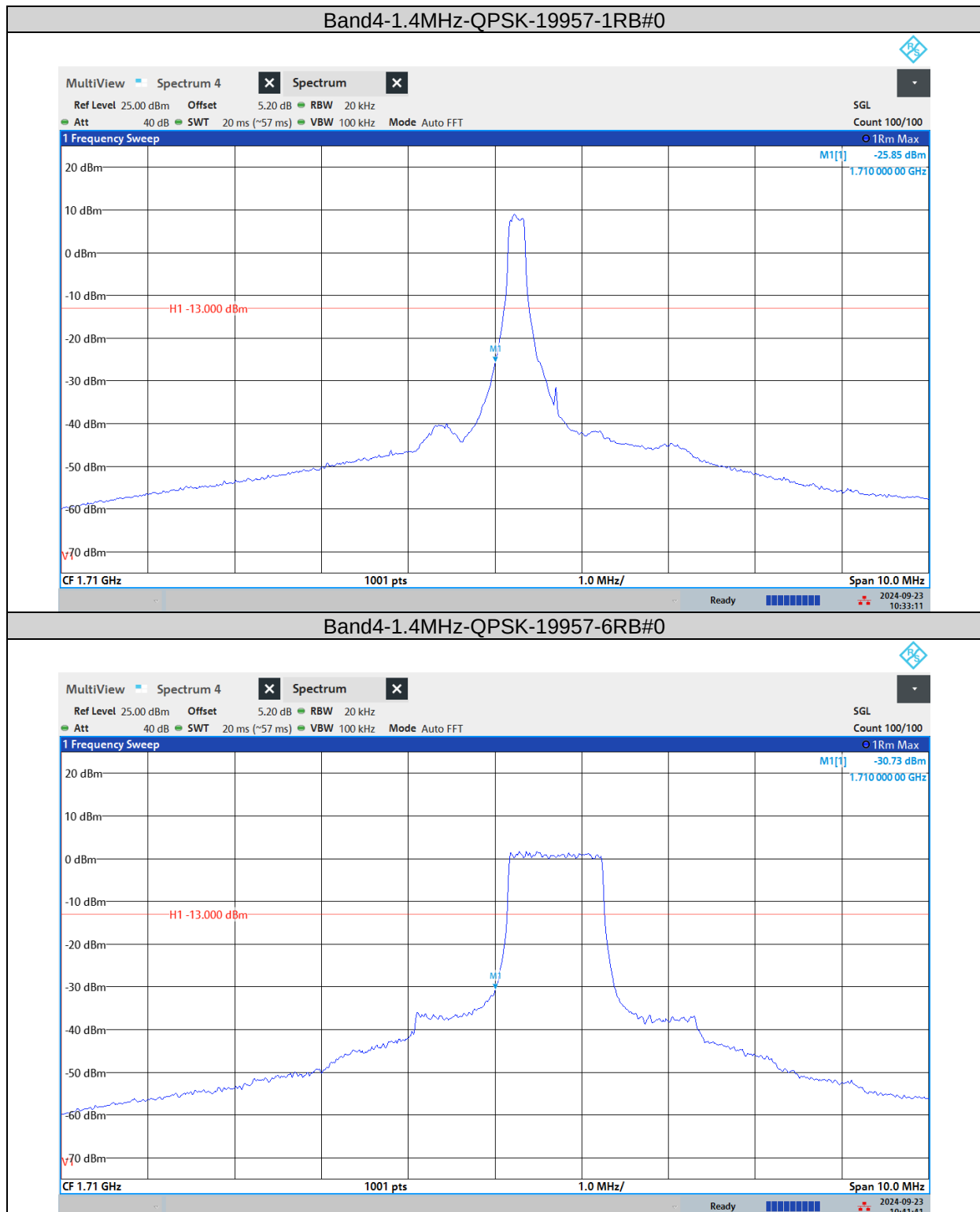


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Test Report No.: PSU-QBJ2408220111RF03

Band4	20MHz	16QAM	20050	6RB#0	See Graph	PASS
Band4	20MHz	16QAM	20300	1RB#5	See Graph	PASS
Band4	20MHz	16QAM	20300	6RB#0	See Graph	PASS

Test Graphs



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

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

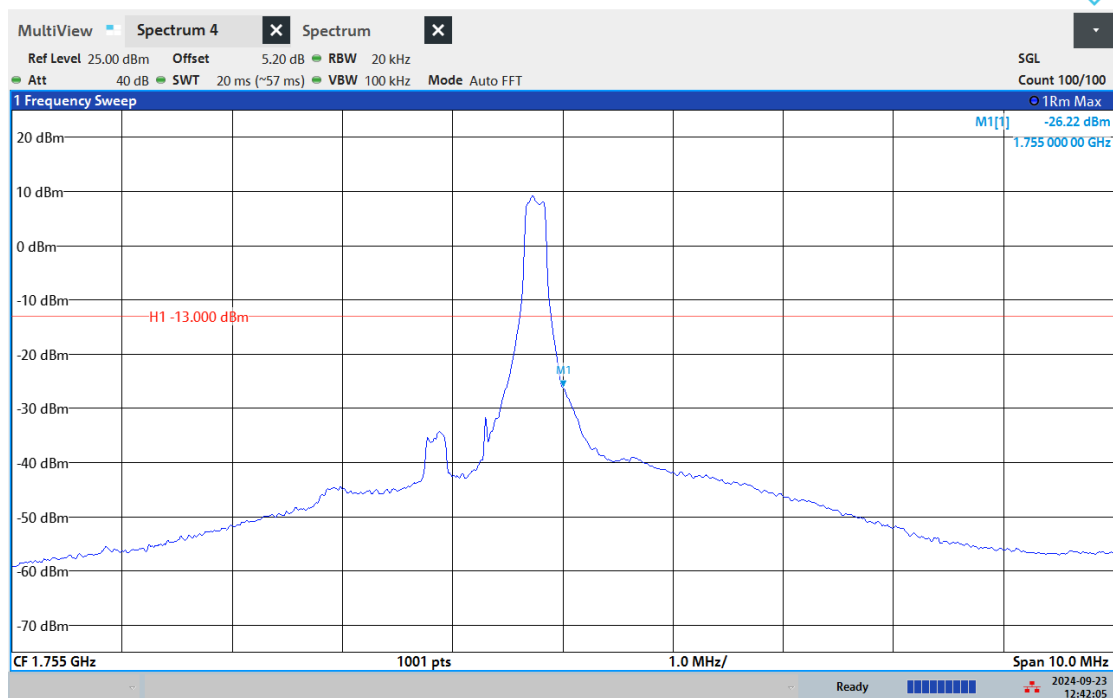
Tel: +86 (0557) 368 1008



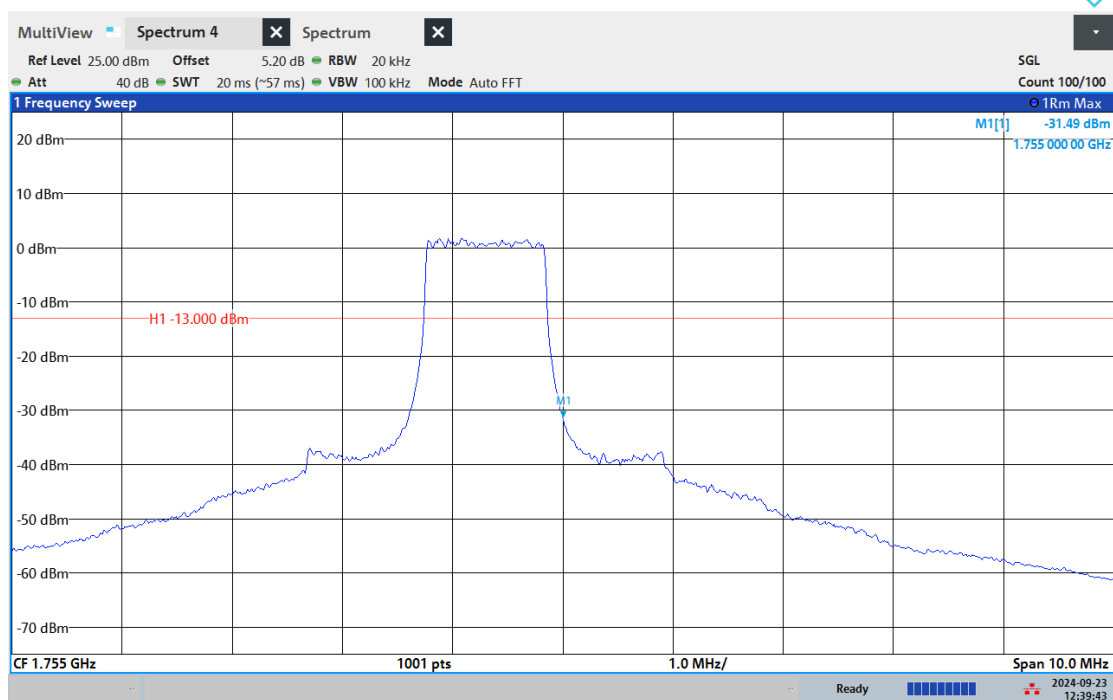
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Band4-1.4MHz-QPSK-20393-1RB#5



Band4-1.4MHz-QPSK-20393-6RB#0

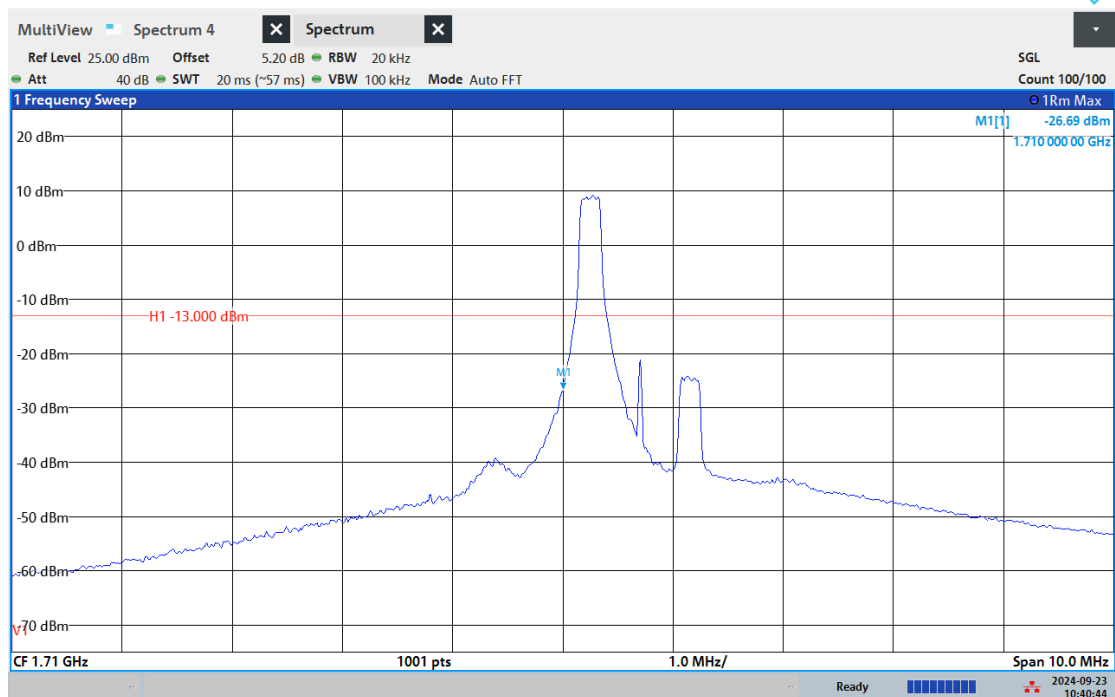


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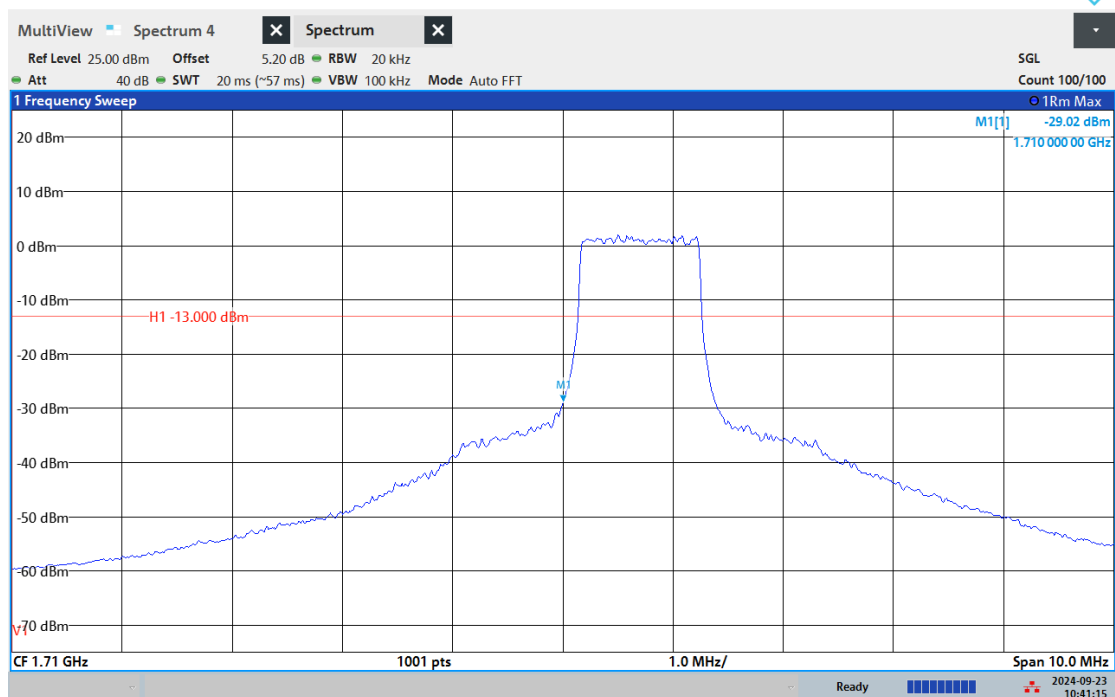


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Test Report No.: PSU-QBJ2408220111RF03



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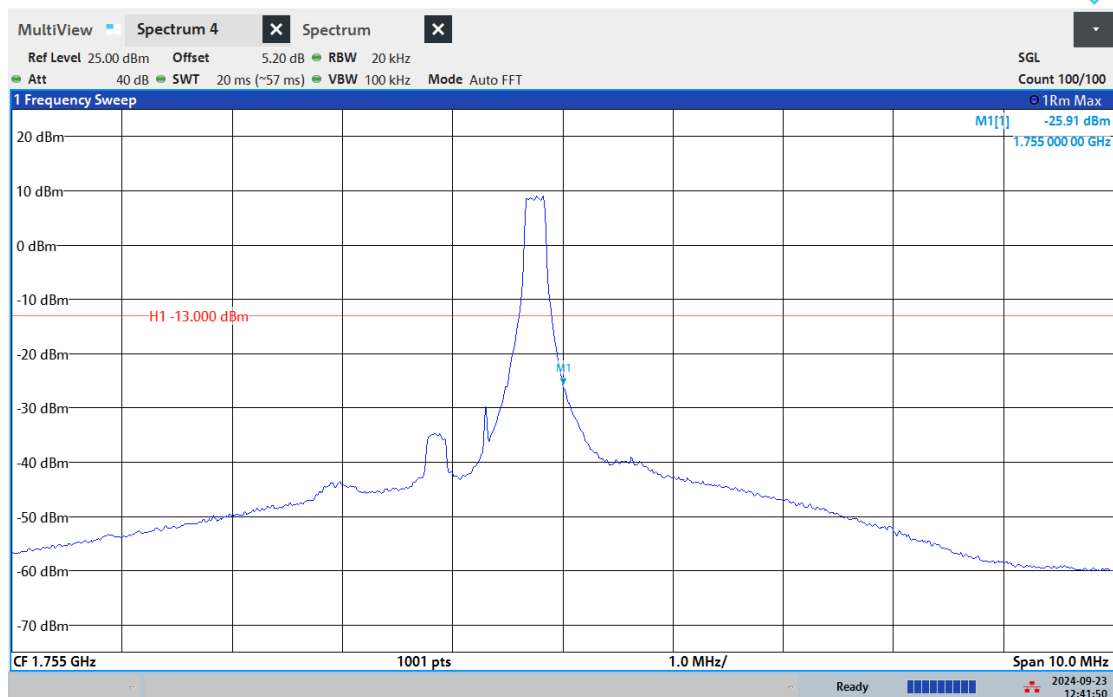


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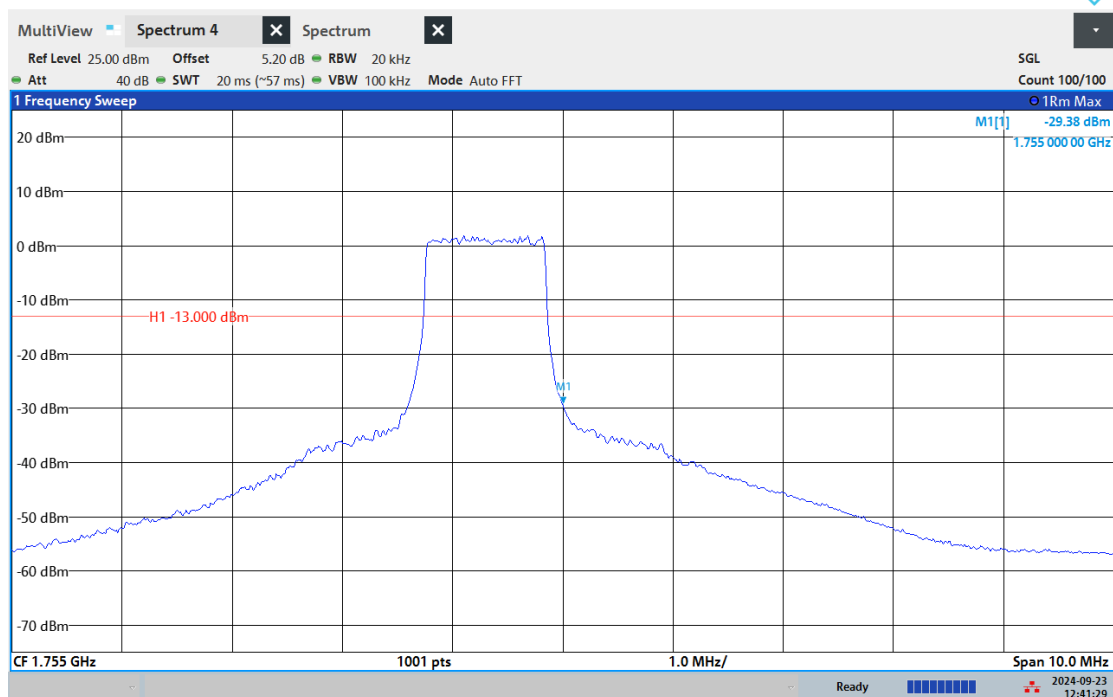


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Test Report No.: PSU-QBJ2408220111RF03



Band4-1.4MHz-16QAM-20393-6RB#0

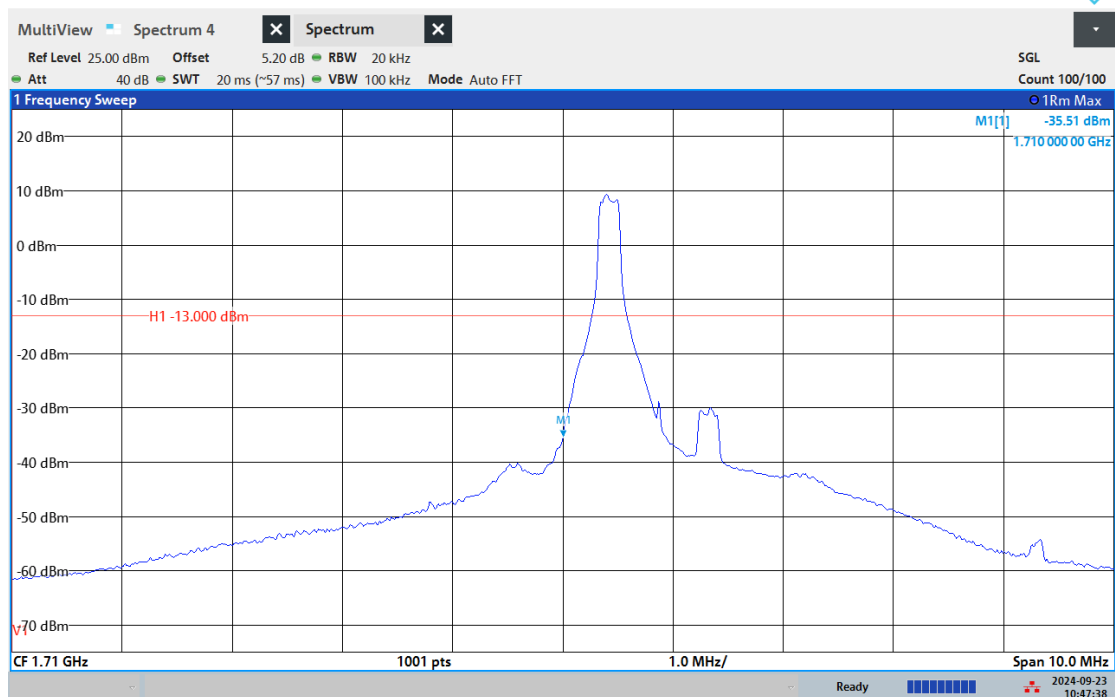


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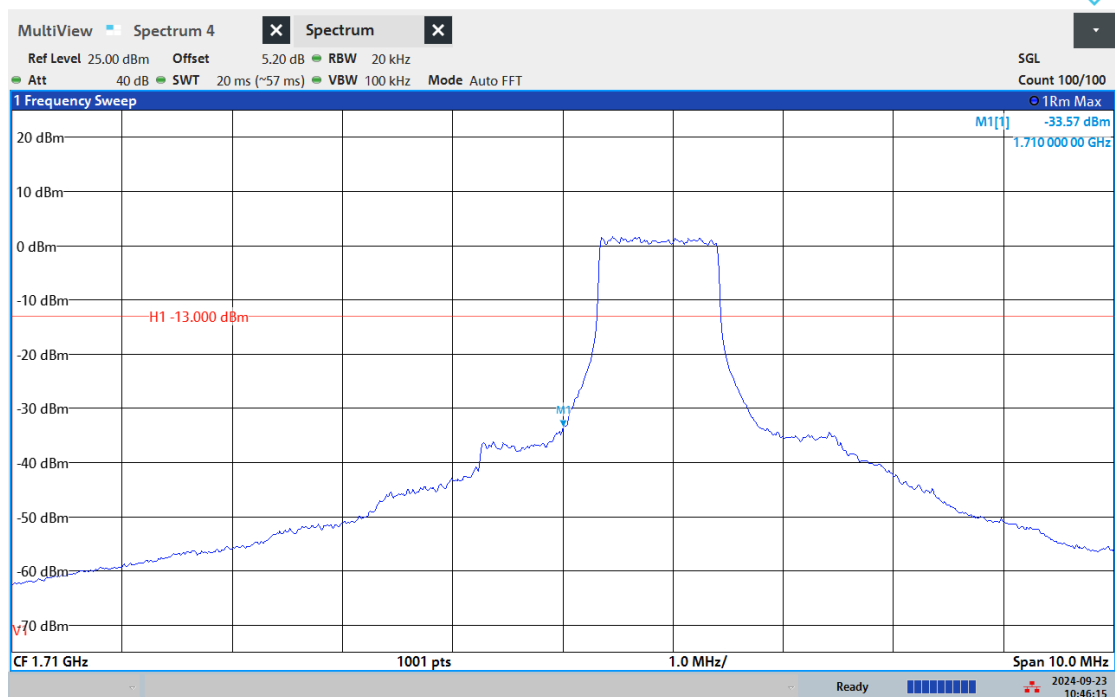


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Test Report No.: PSU-QBJ2408220111RF03



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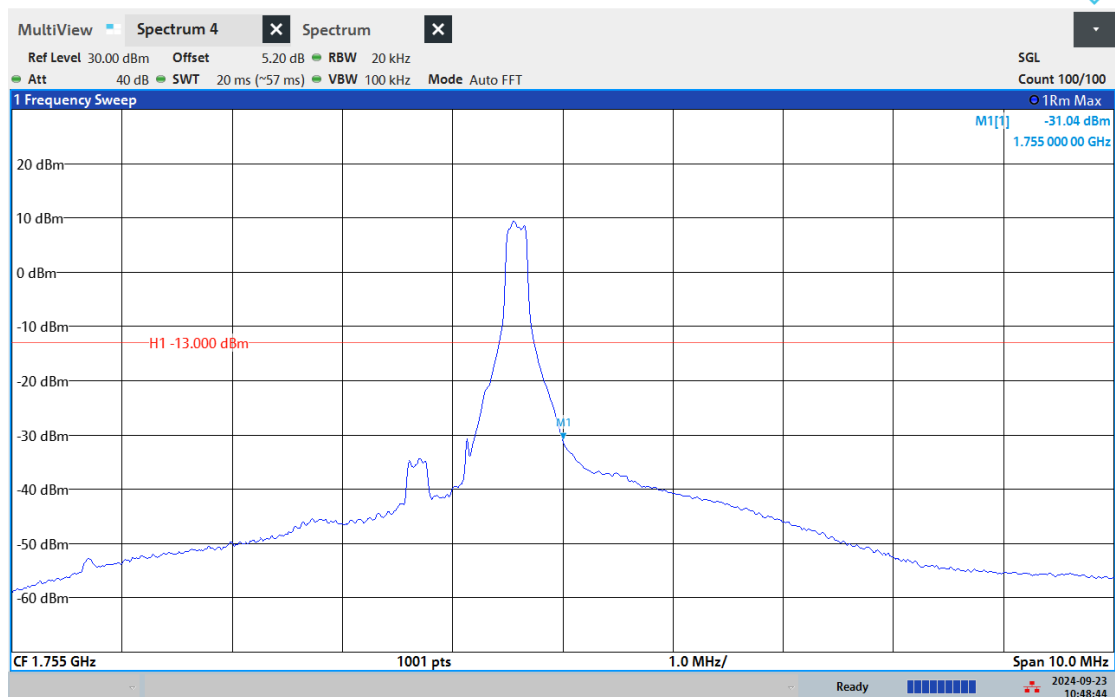


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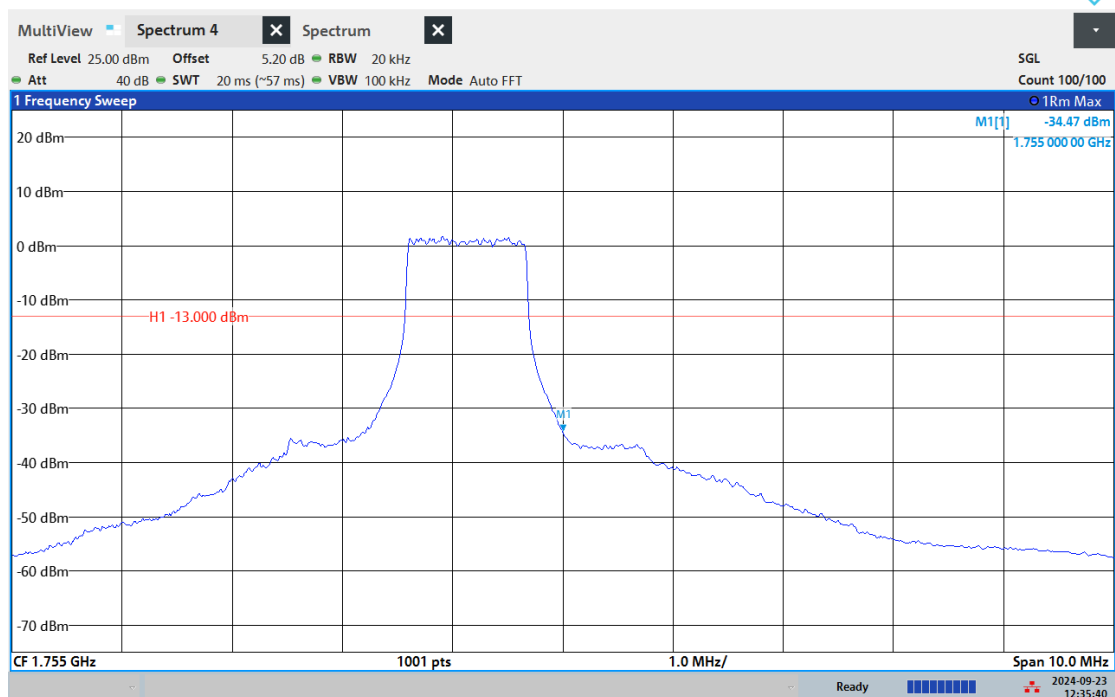


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Test Report No.: PSU-QBJ2408220111RF03



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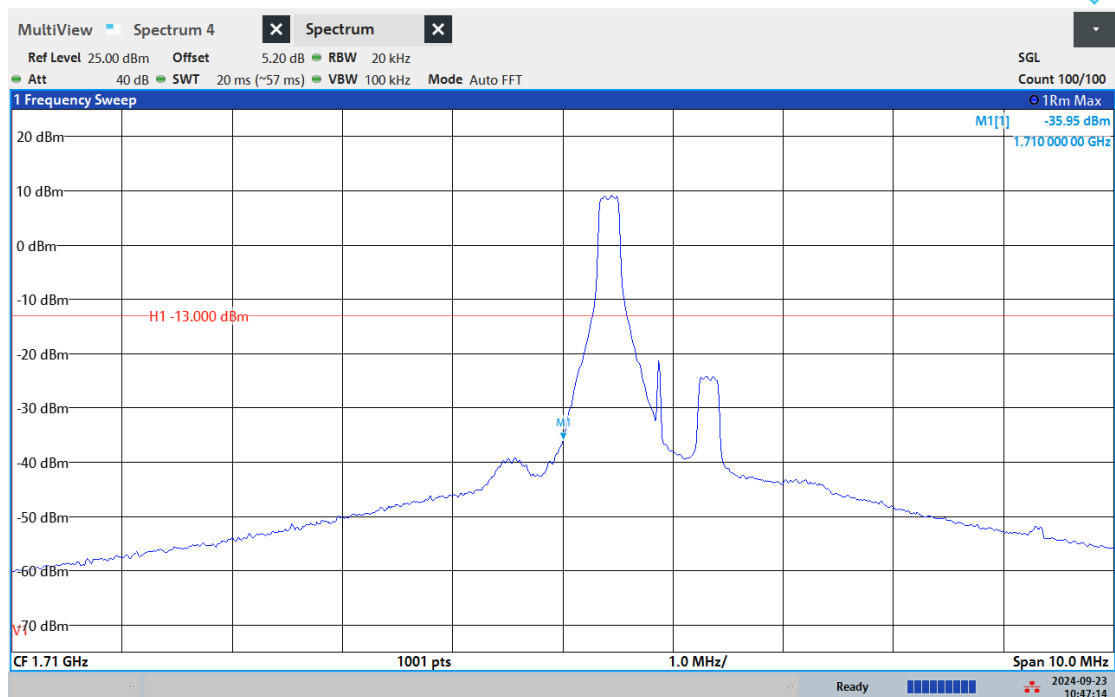


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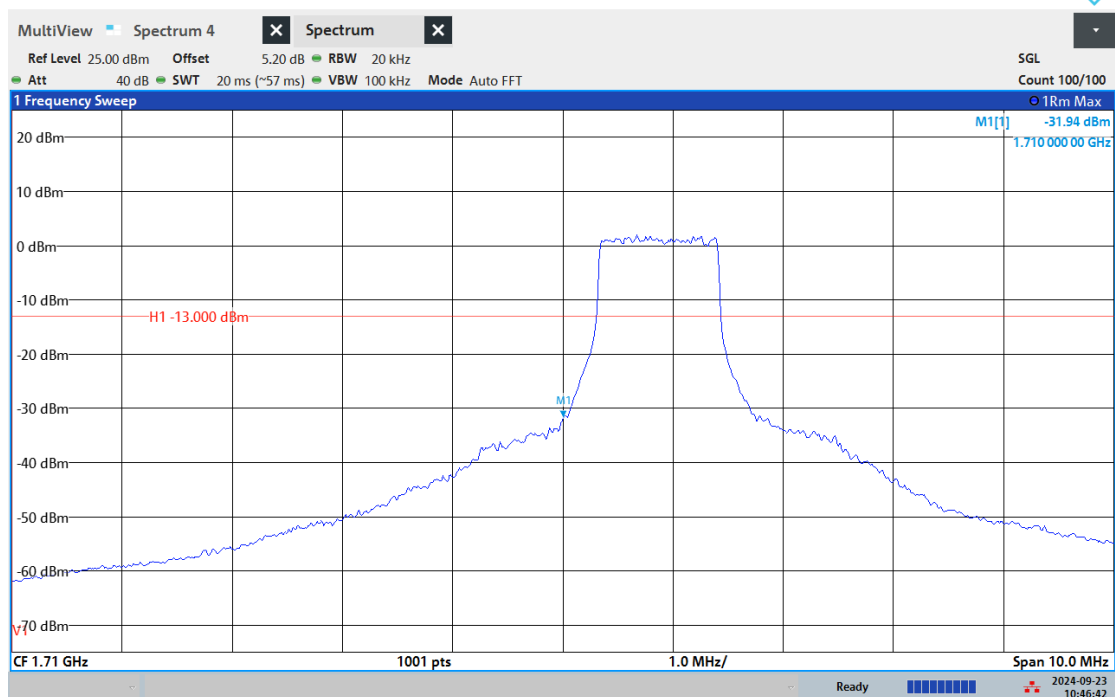


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Test Report No.: PSU-QBJ2408220111RF03



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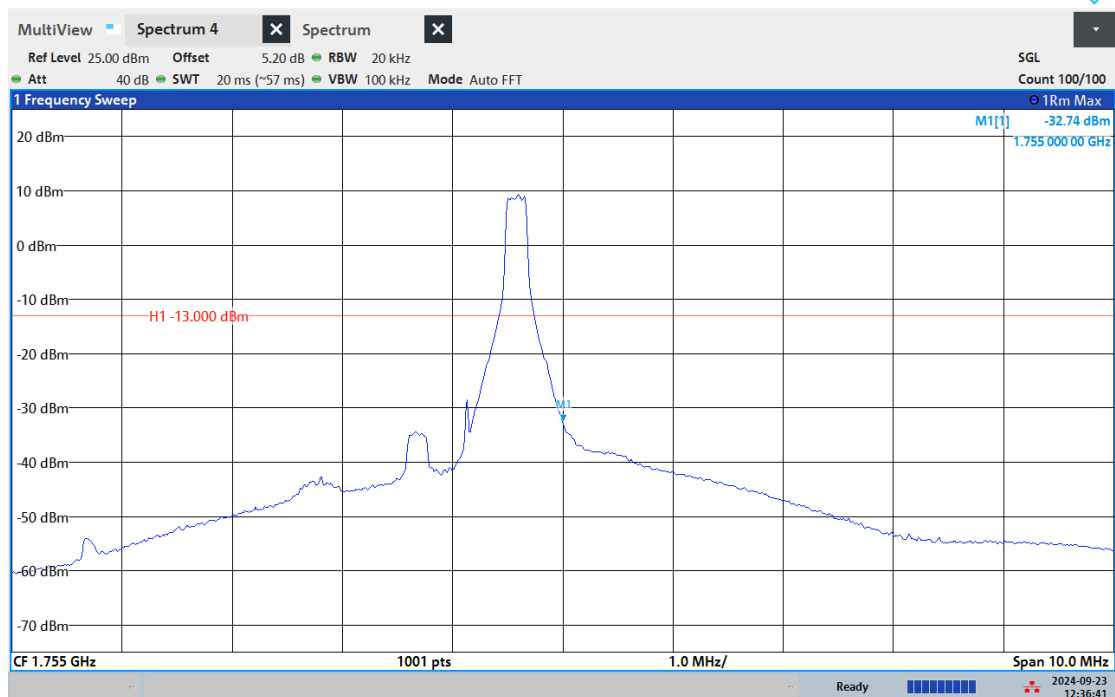


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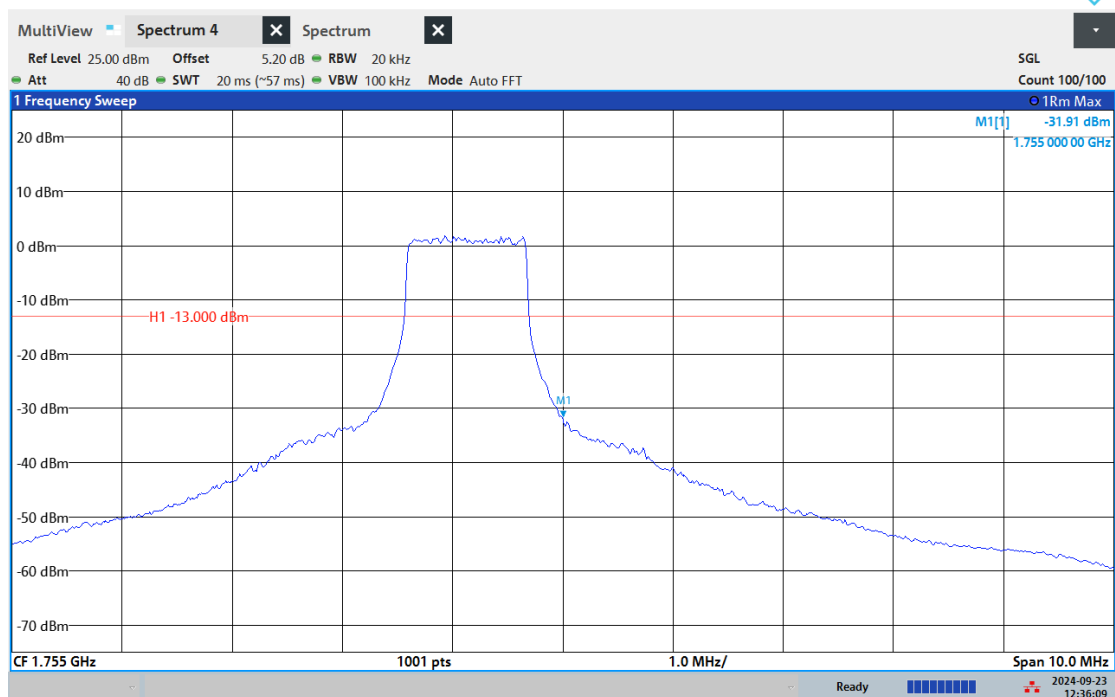


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Test Report No.: PSU-QBJ2408220111RF03



Band4-3MHz-16QAM-20385-6RB#0

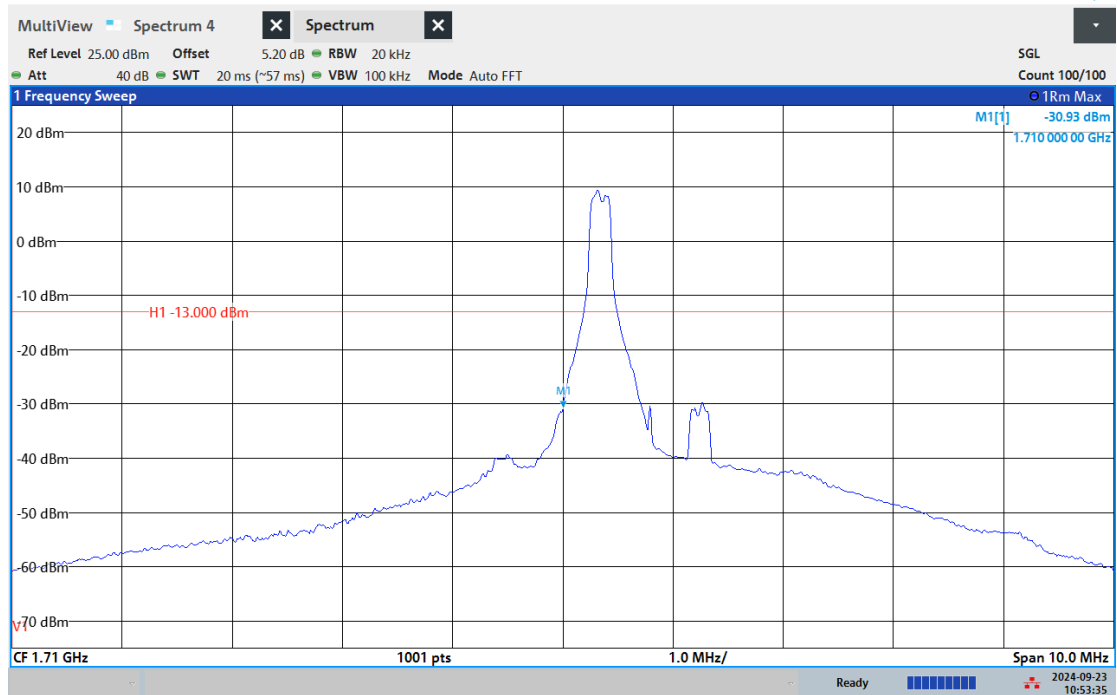


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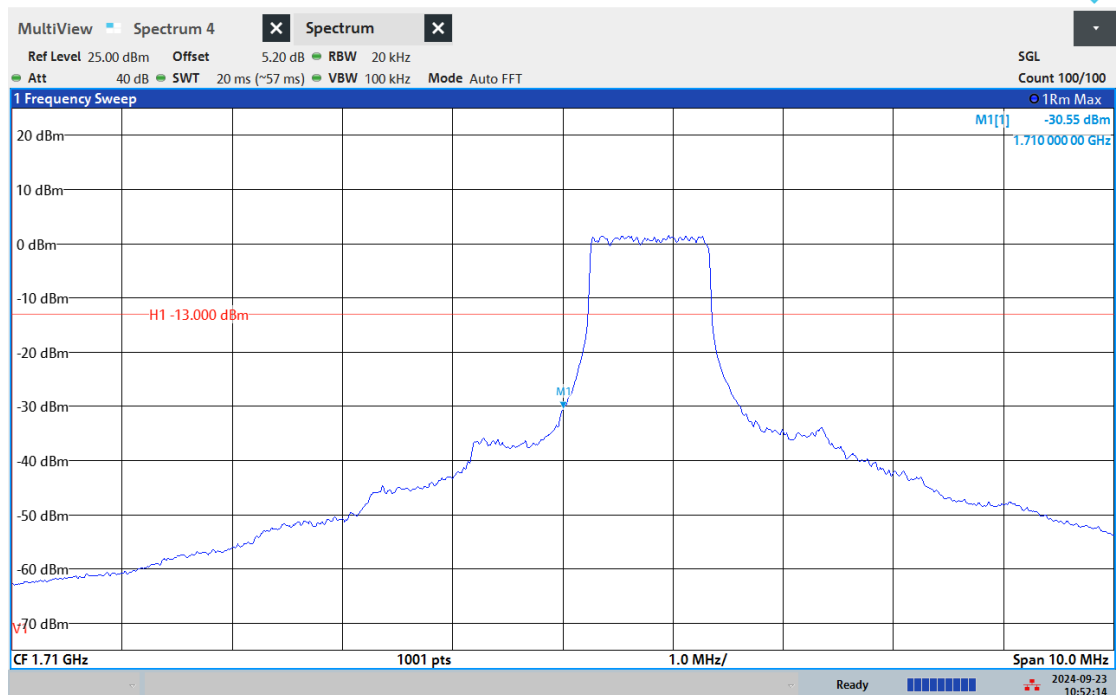


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Test Report No.: PSU-QBJ2408220111RF03



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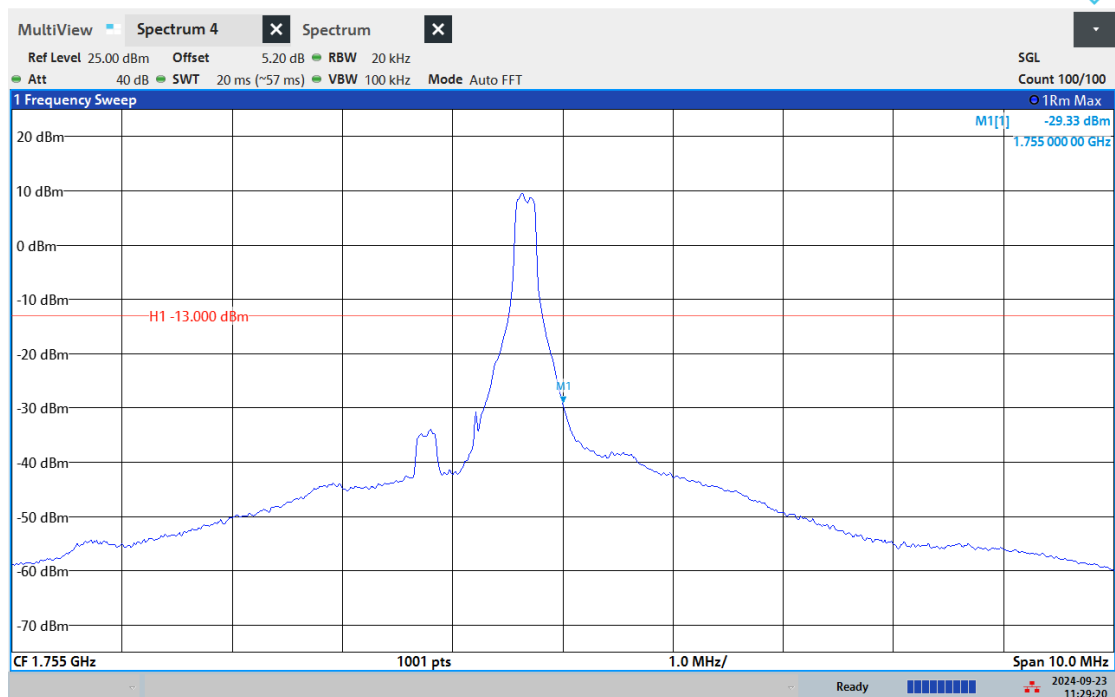


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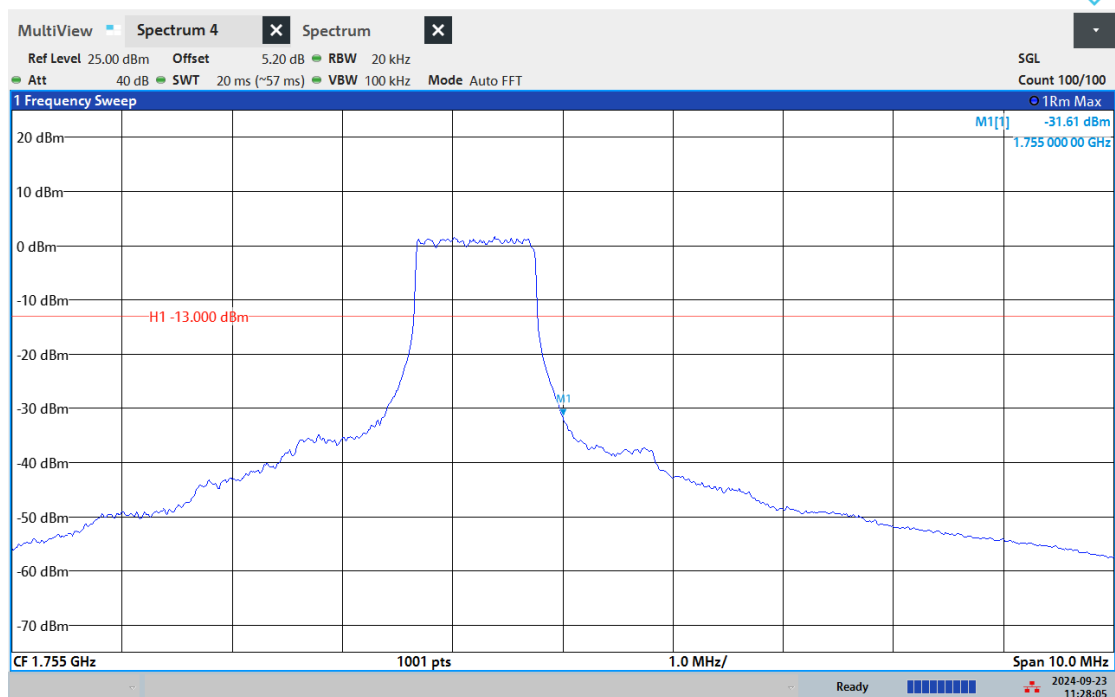


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Test Report No.: PSU-QBJ2408220111RF03



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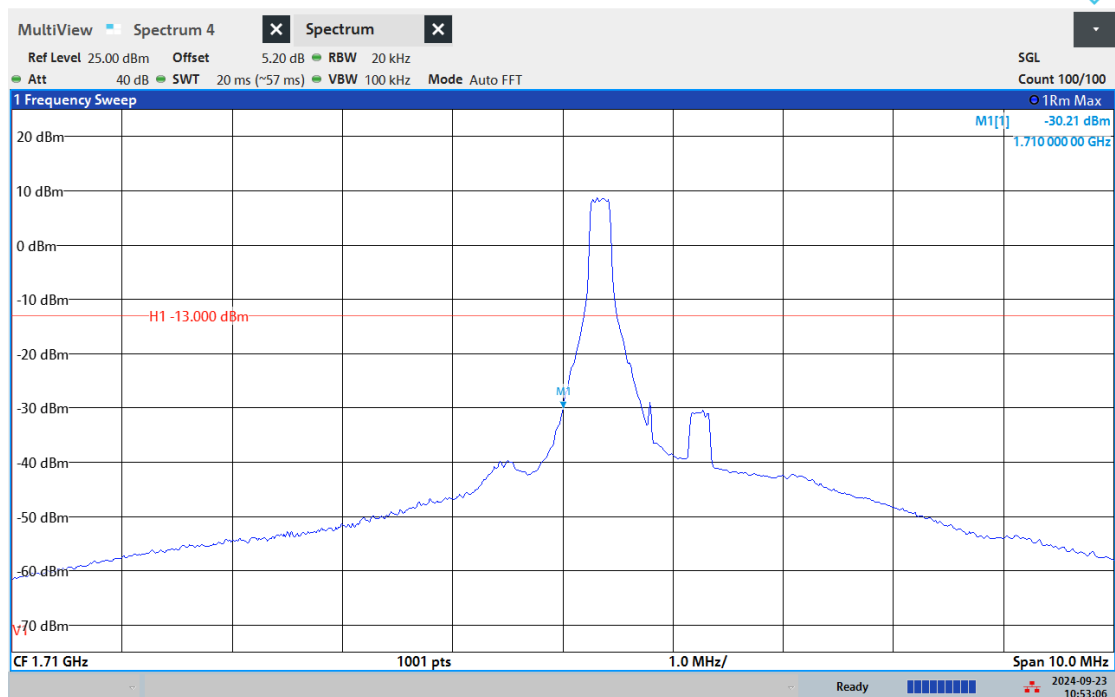


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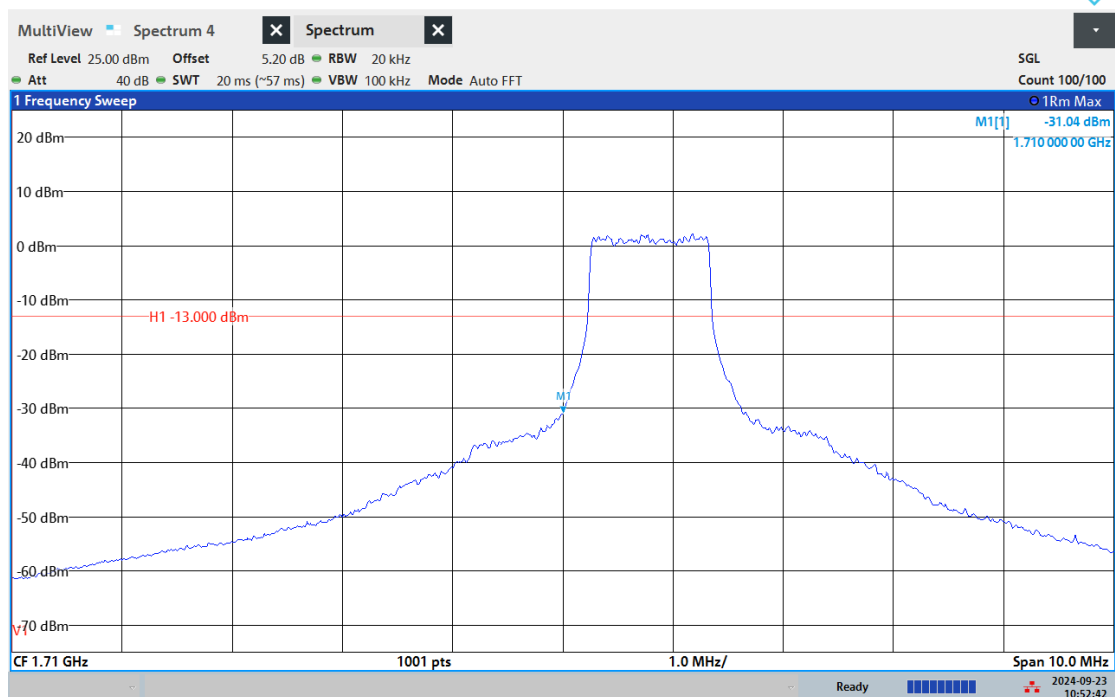


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Test Report No.: PSU-QBJ2408220111RF03



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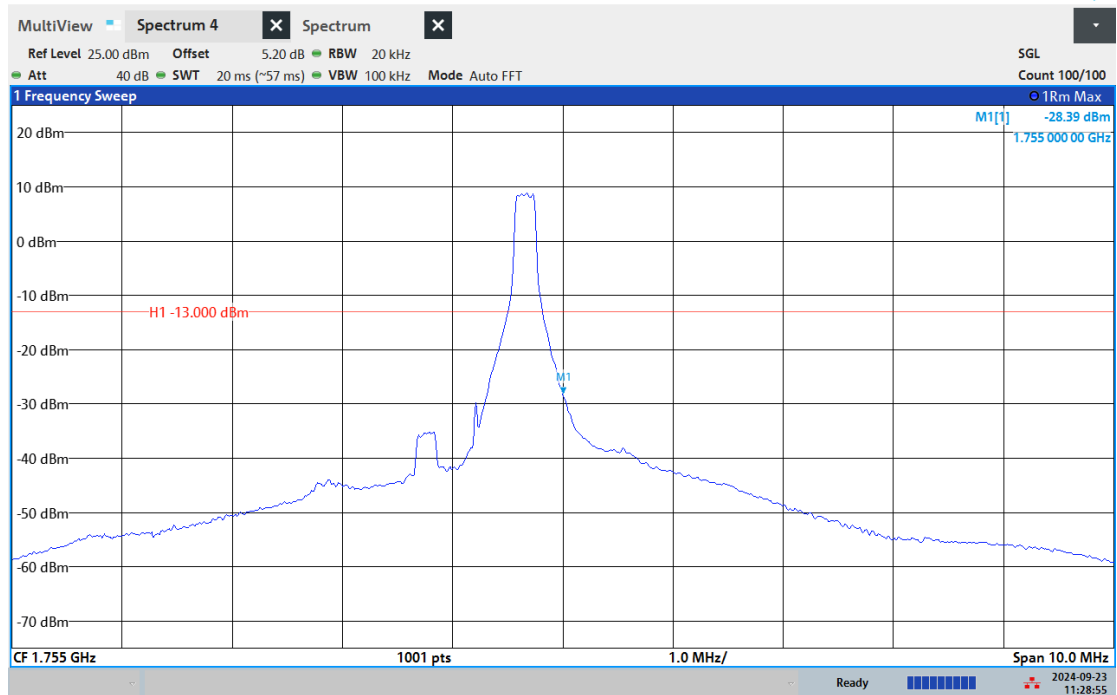


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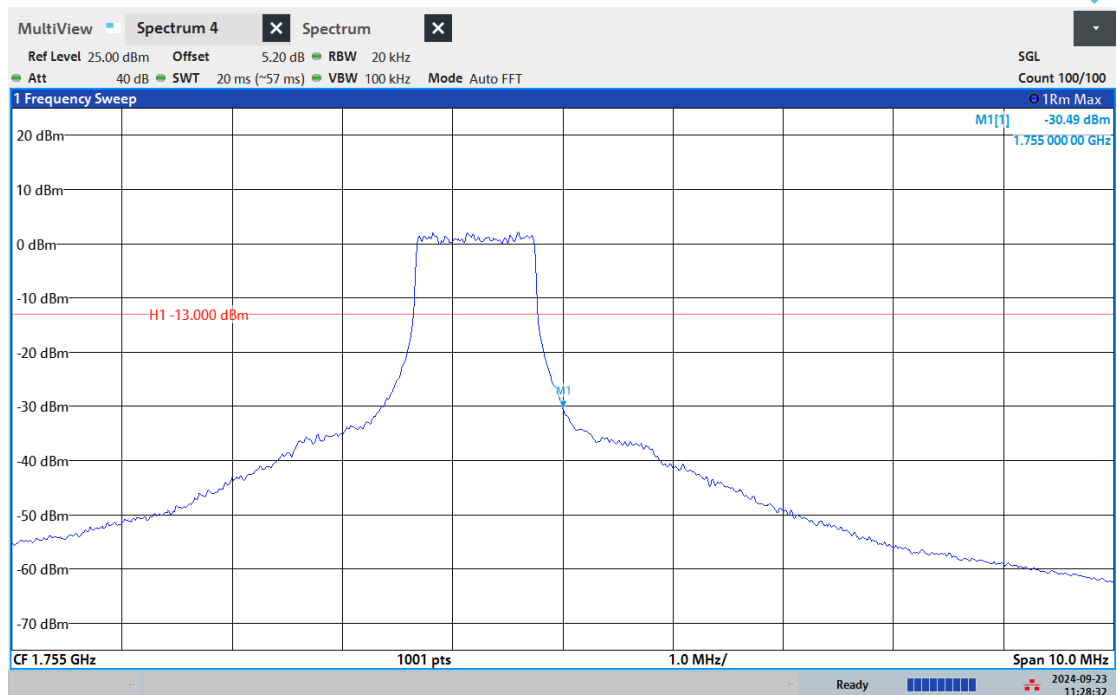


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Test Report No.: PSU-QBJ2408220111RF03



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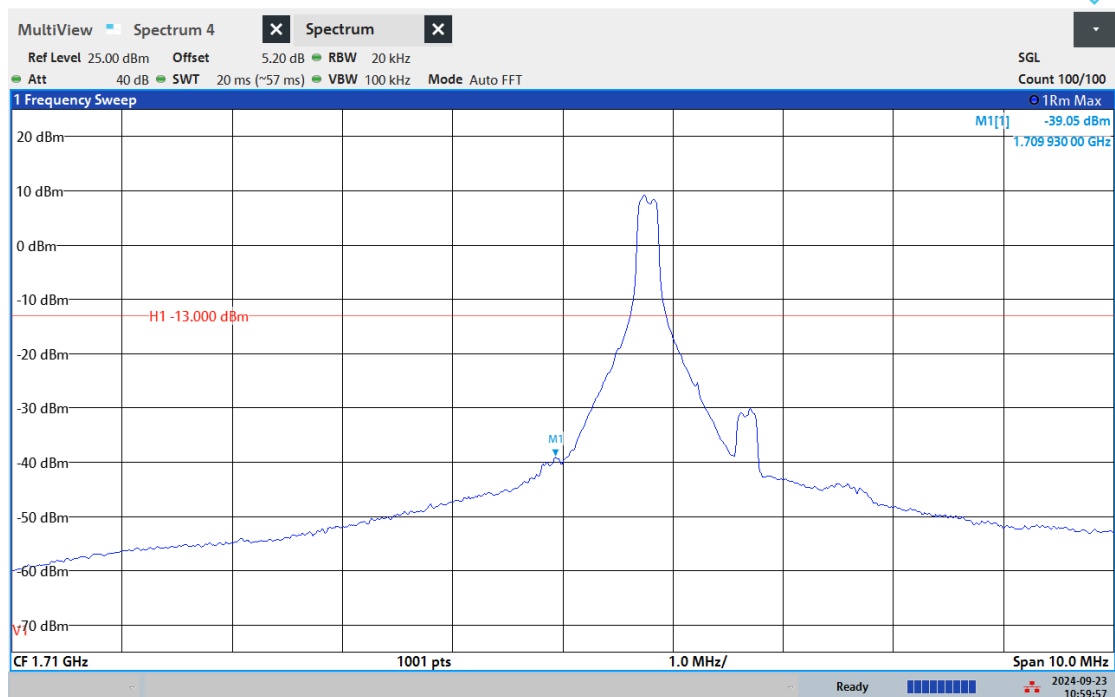


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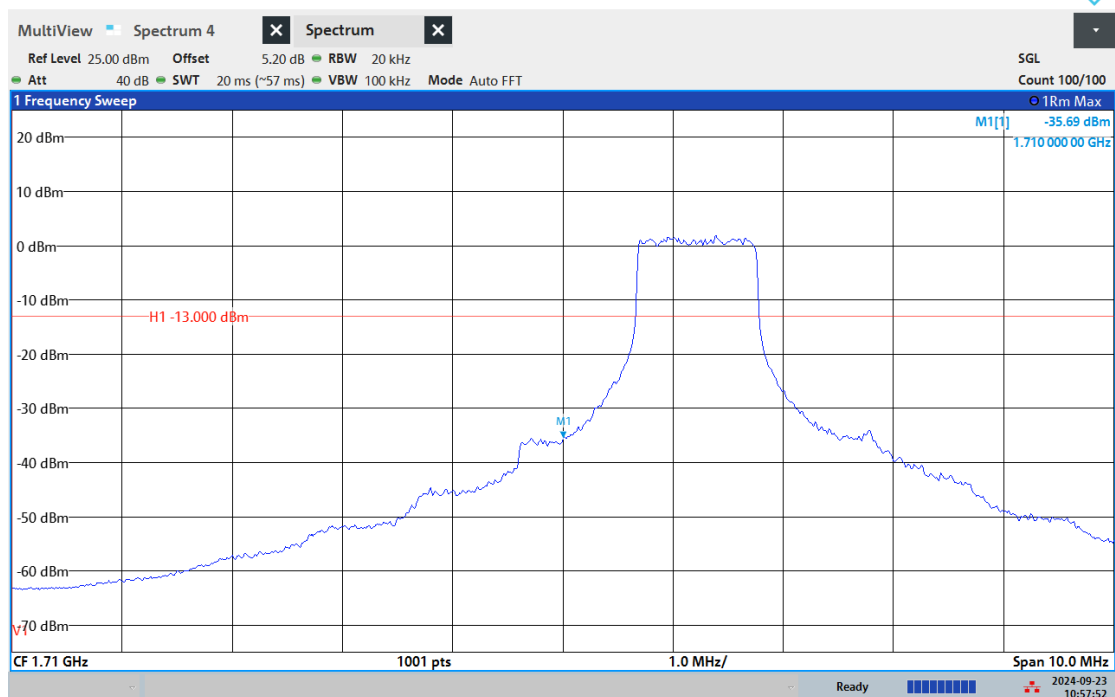


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Test Report No.: PSU-QBJ2408220111RF03



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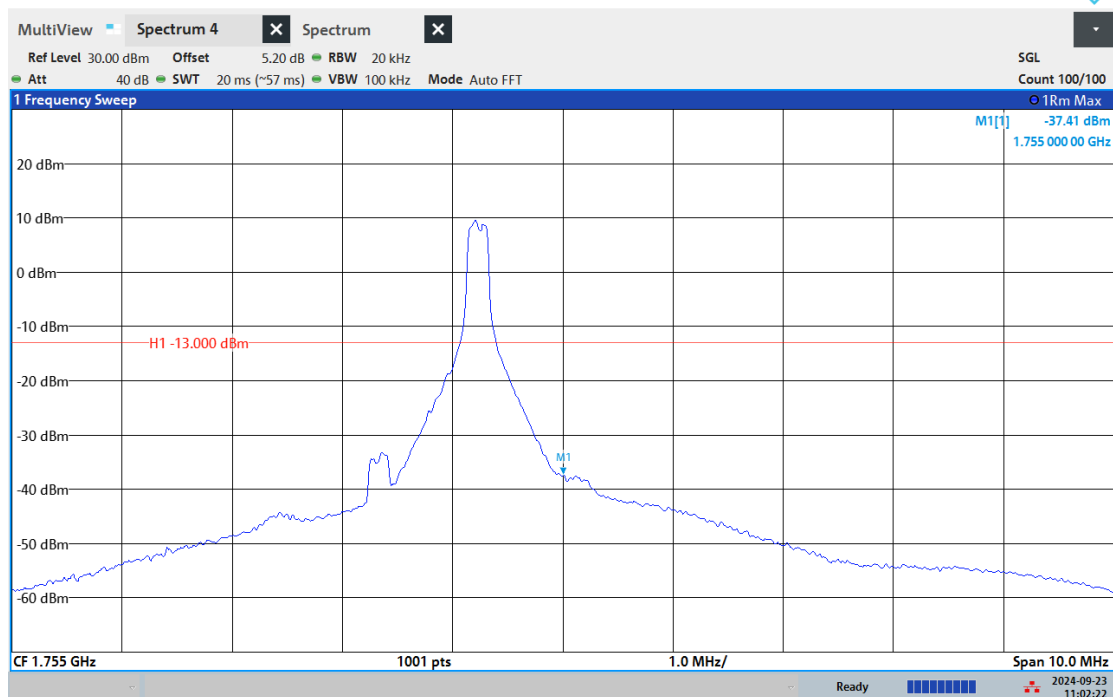


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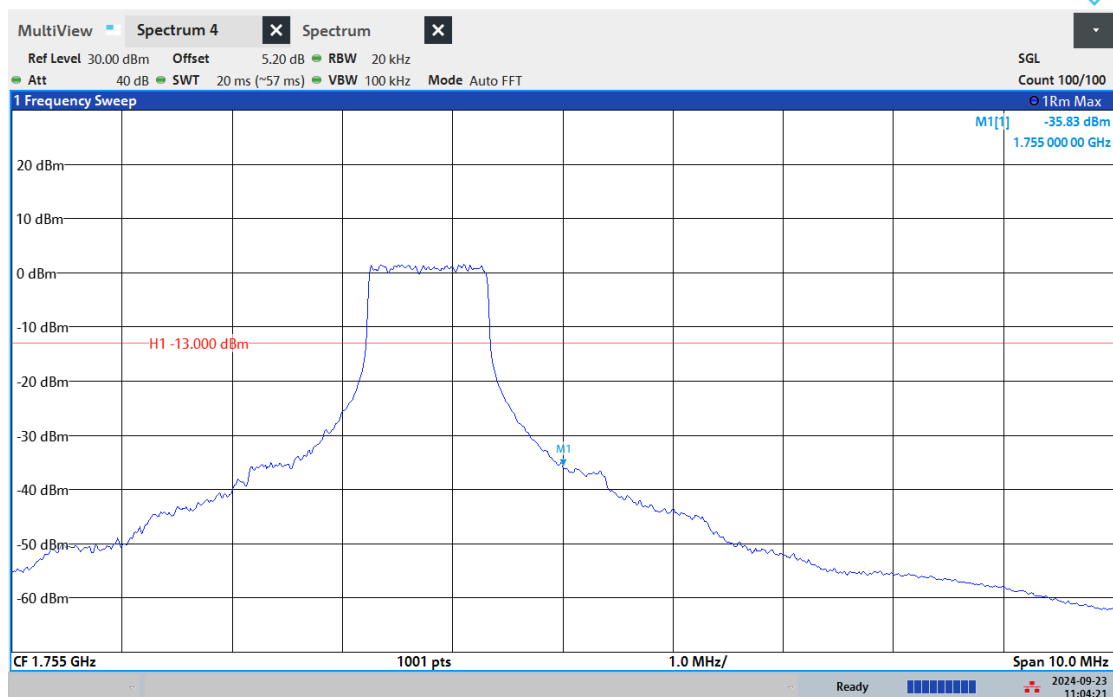


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Test Report No.: PSU-QBJ2408220111RF03



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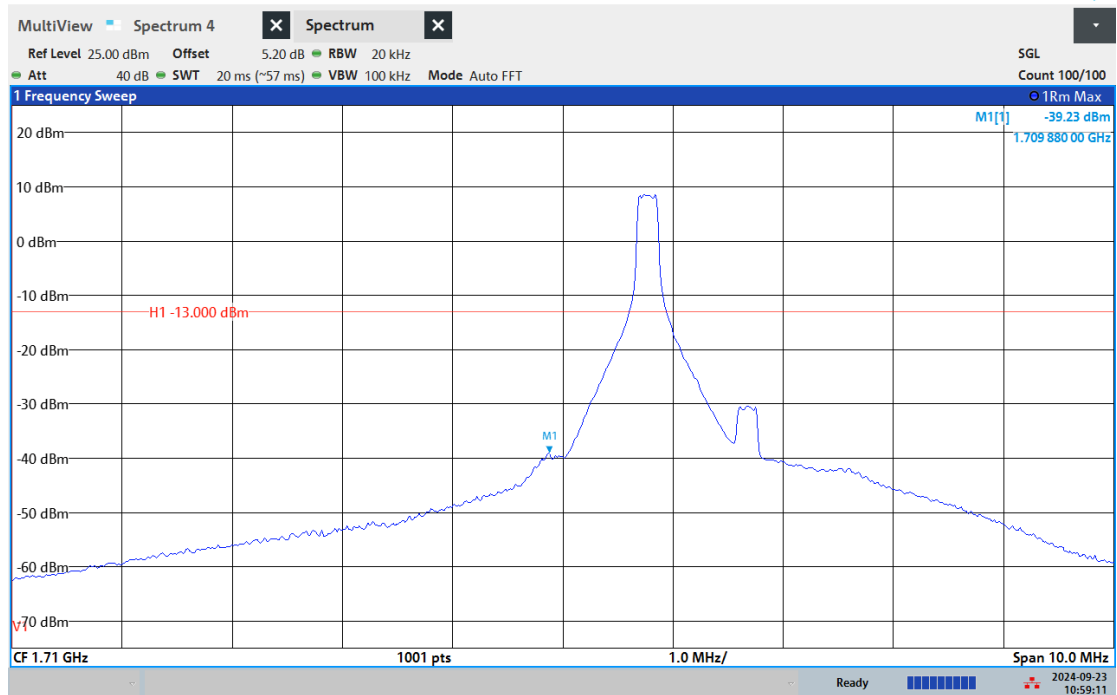


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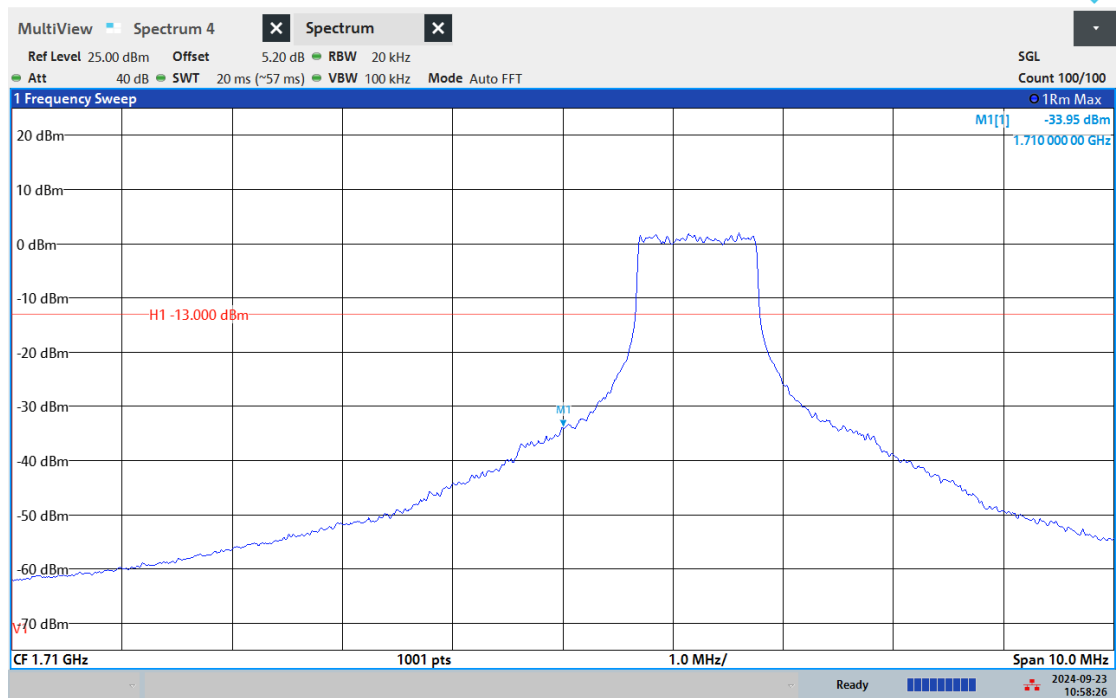


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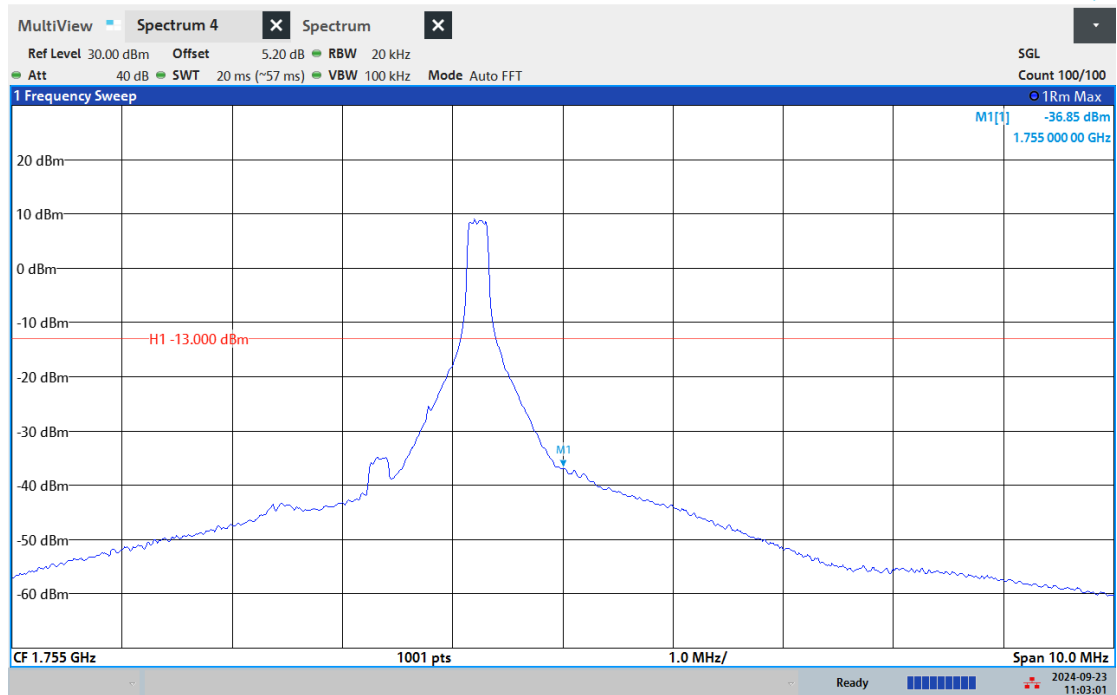


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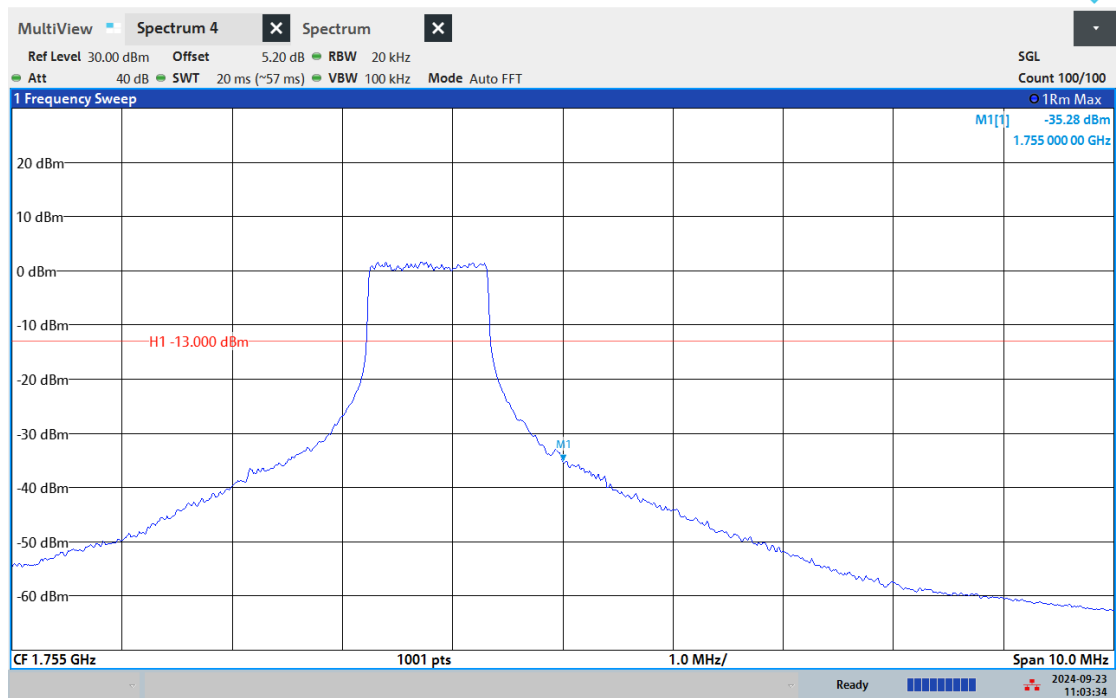


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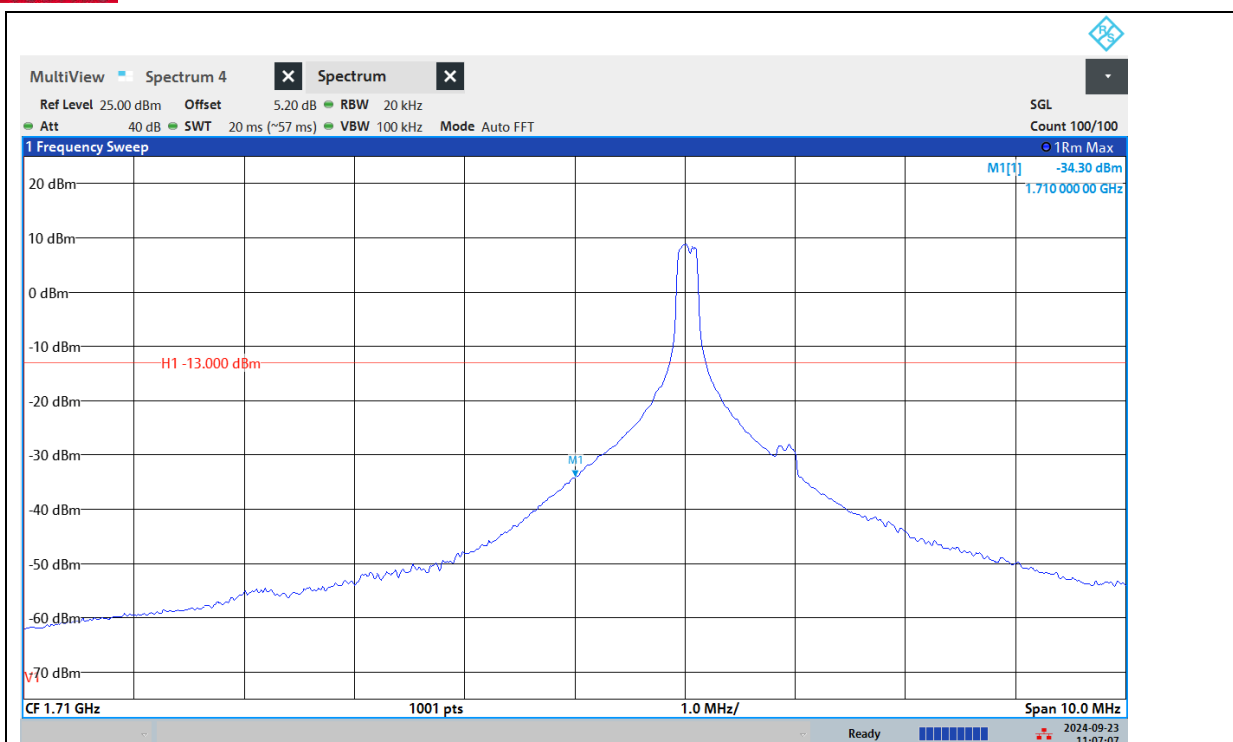


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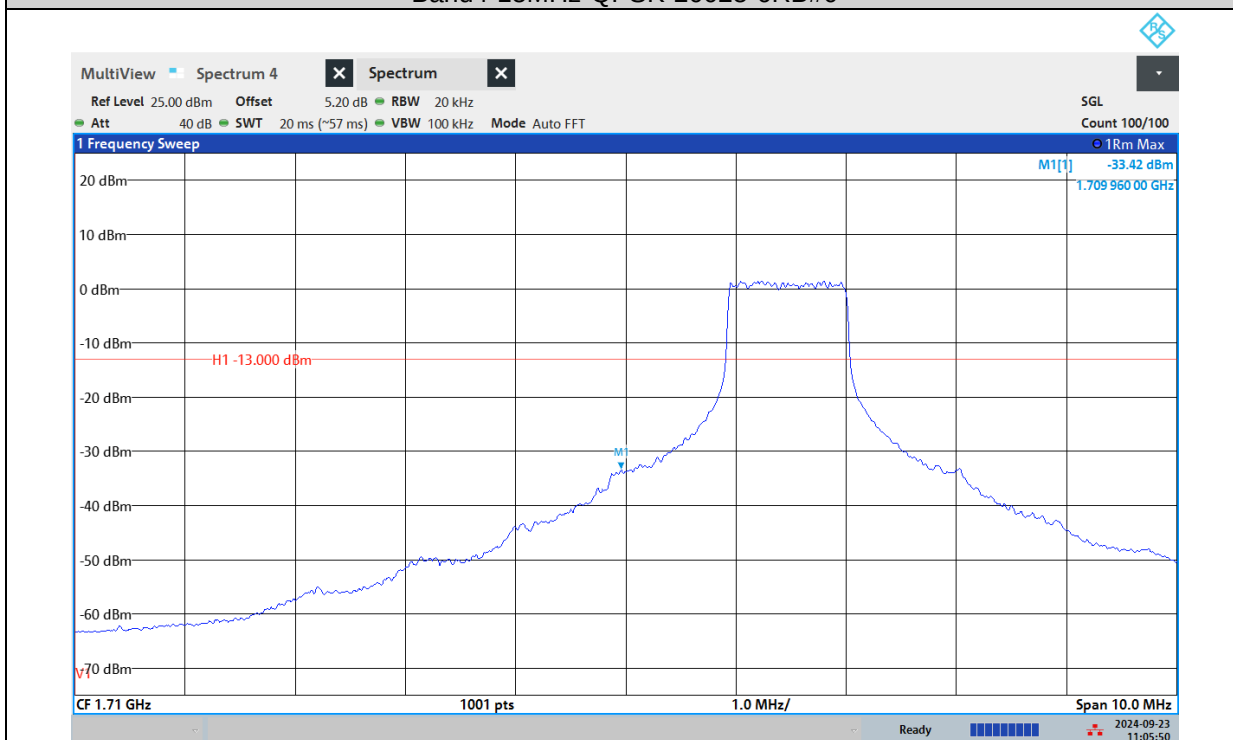


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Test Report No.: PSU-QBJ2408220111RF03



Band4-15MHz-QPSK-20025-6RB#0



Band4-15MHz-QPSK-20325-1RB#5

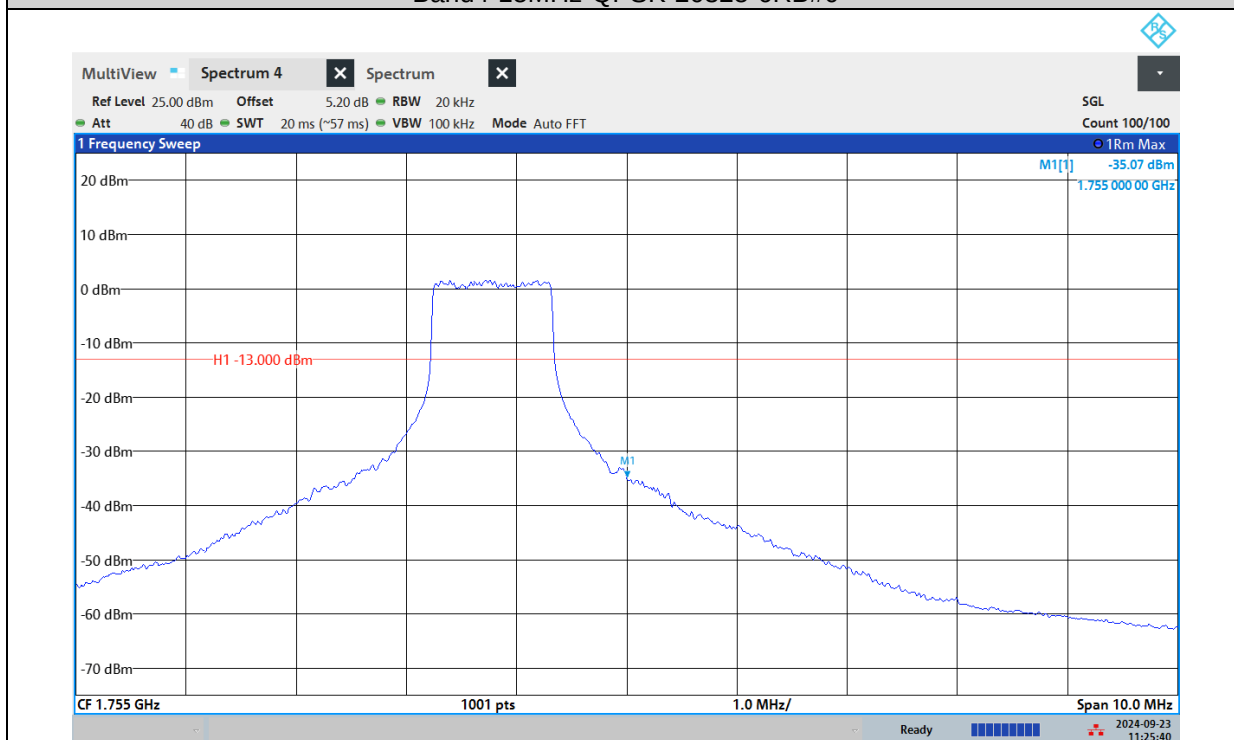


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Test Report No.: PSU-QBJ2408220111RF03



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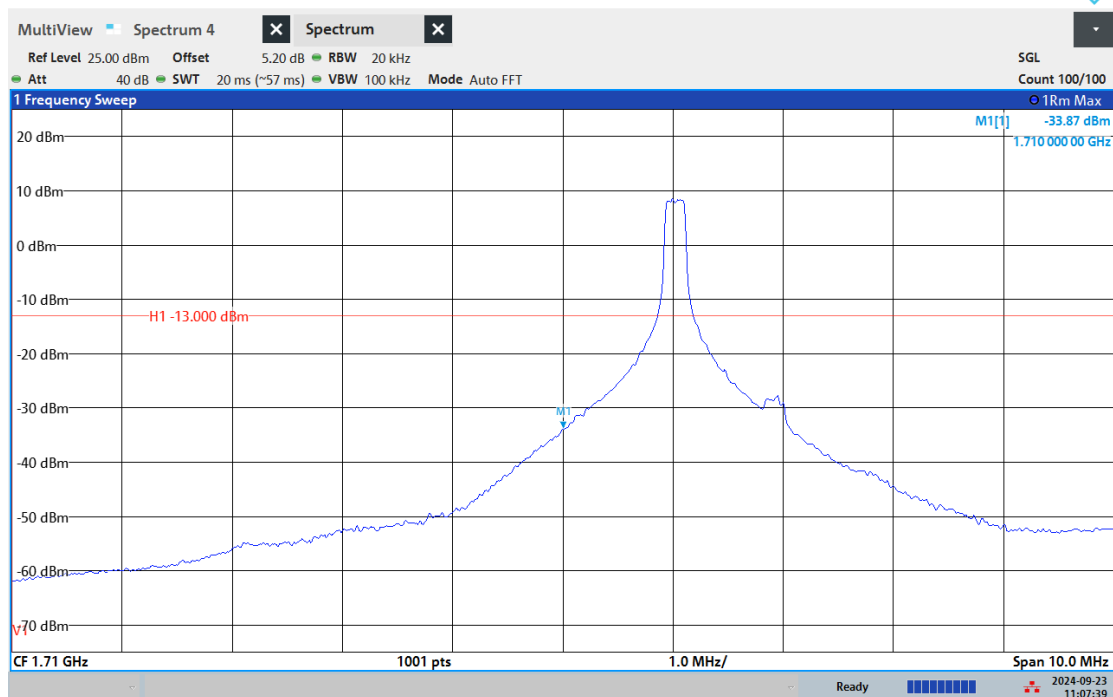


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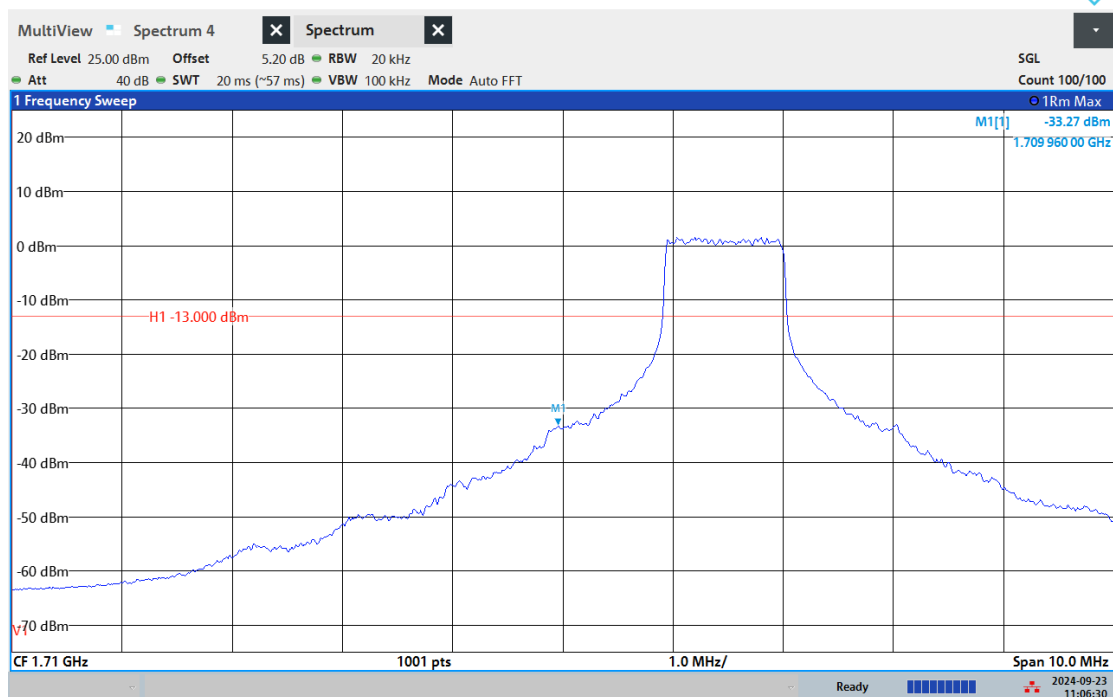


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Band4-15MHz-16QAM-20025-6RB#0

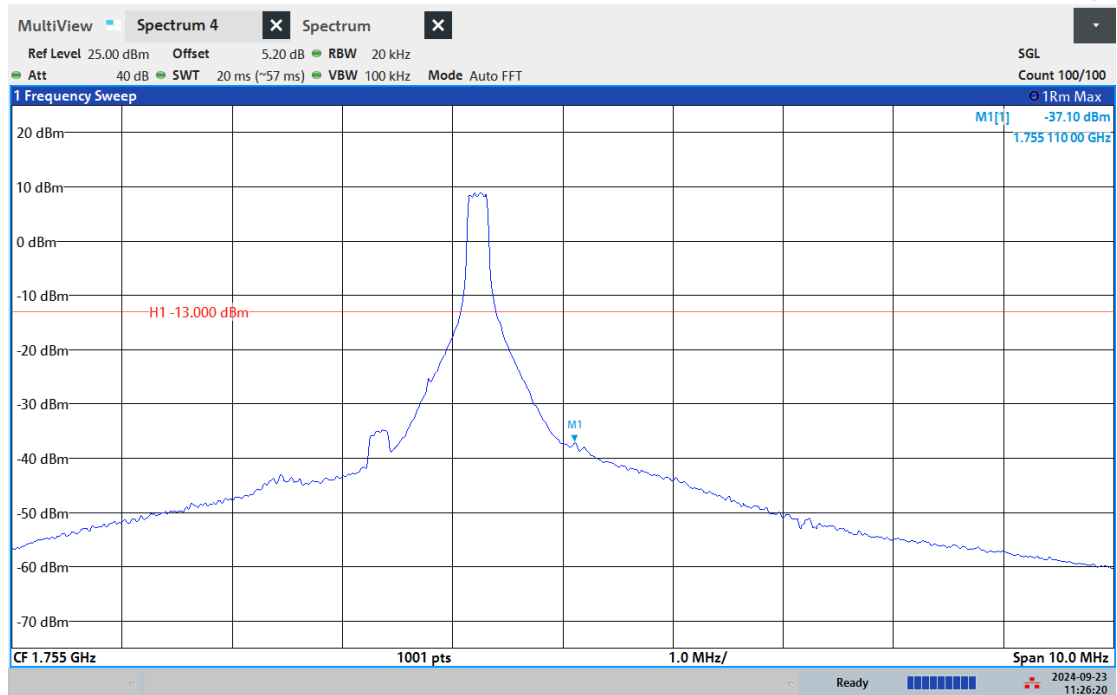


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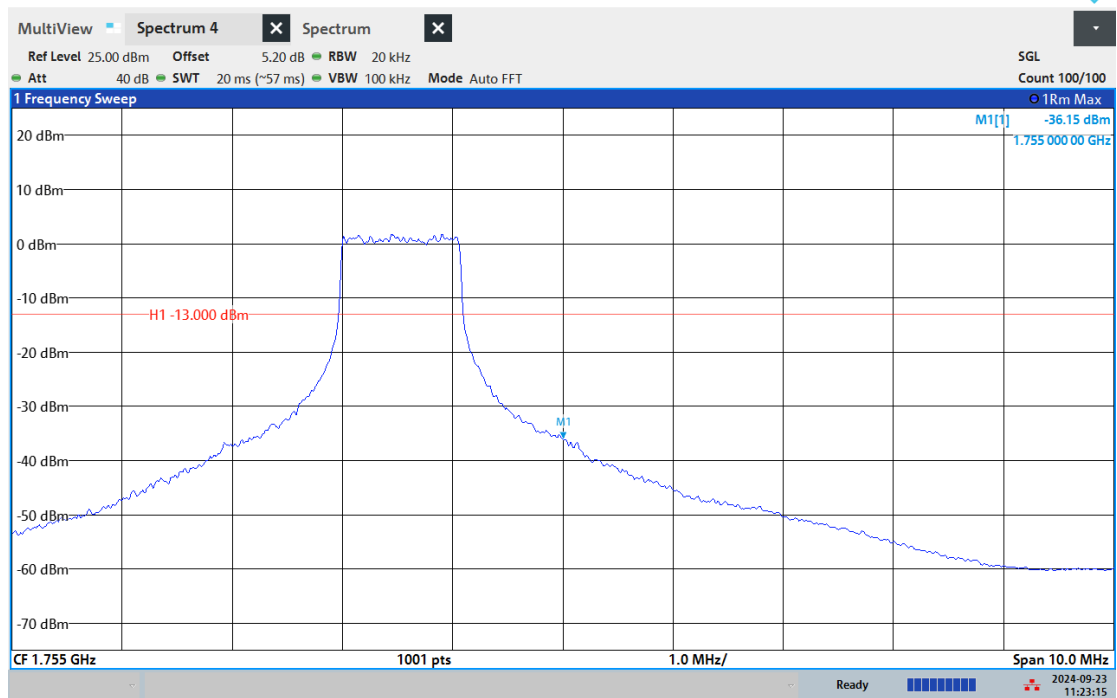


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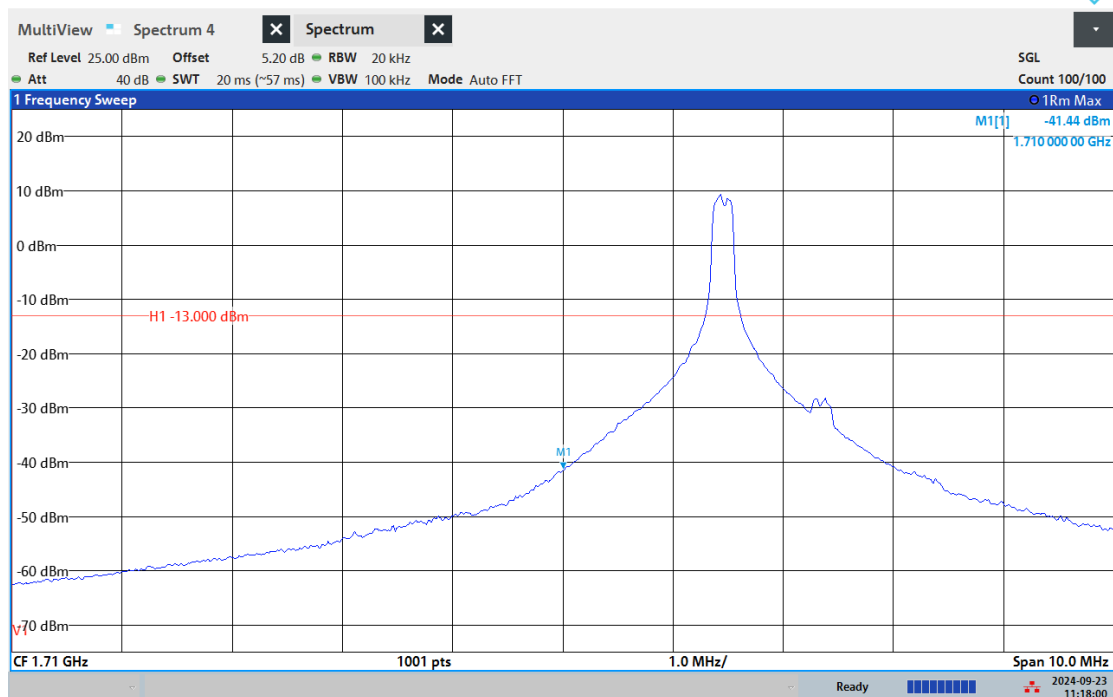


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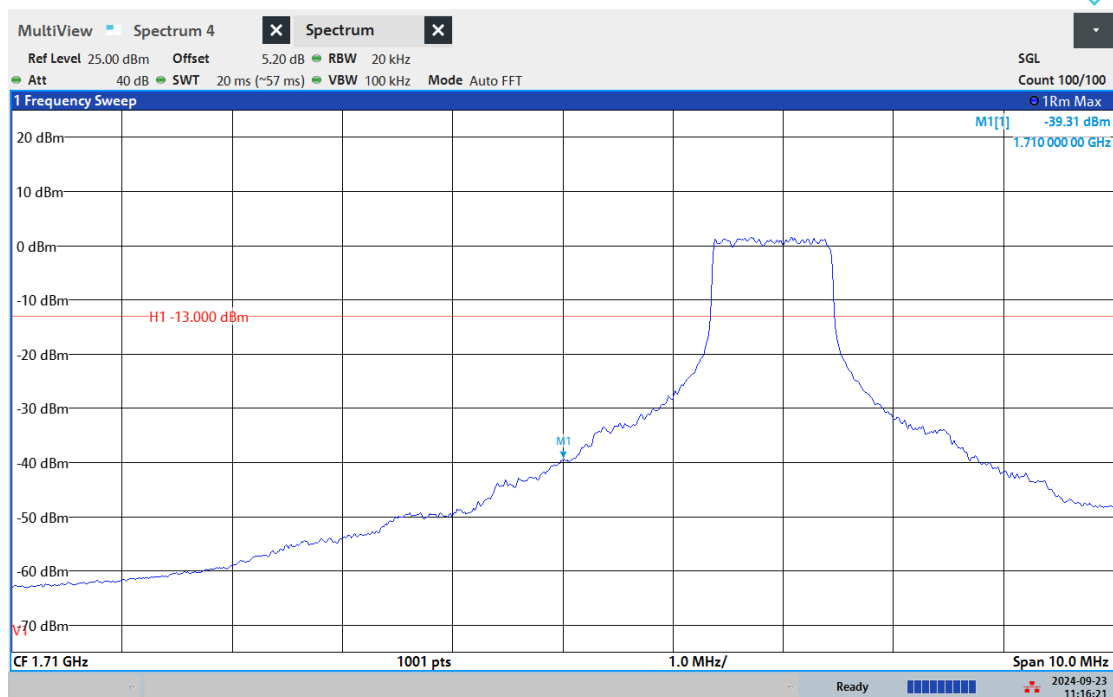


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Band4-20MHz-QPSK-20050-6RB#0

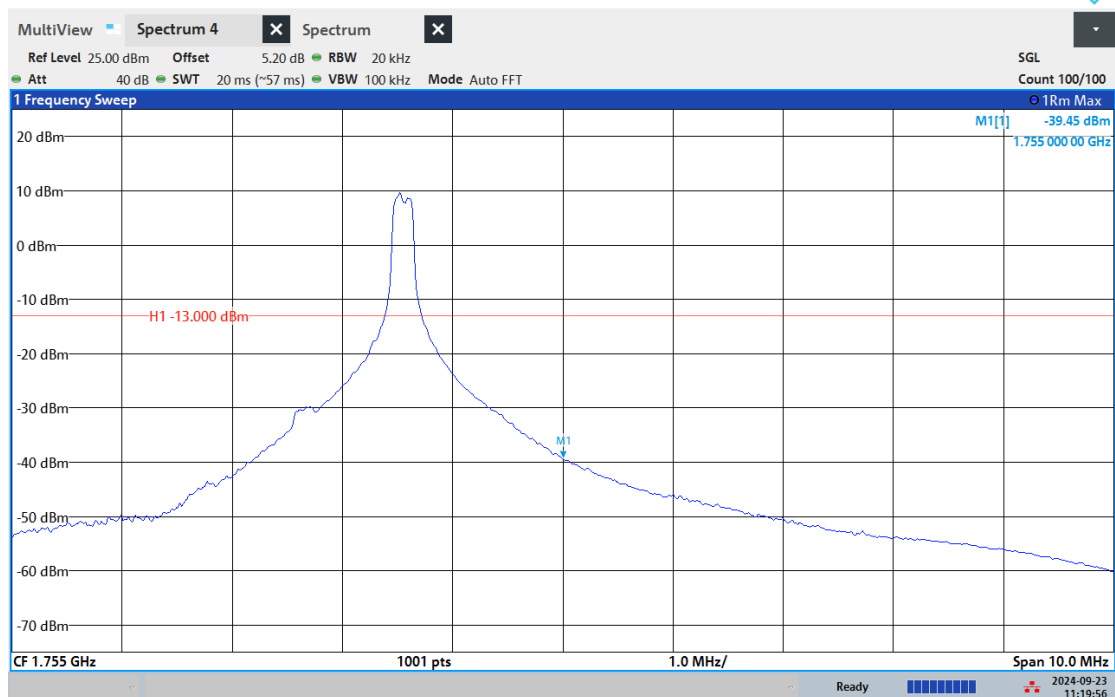


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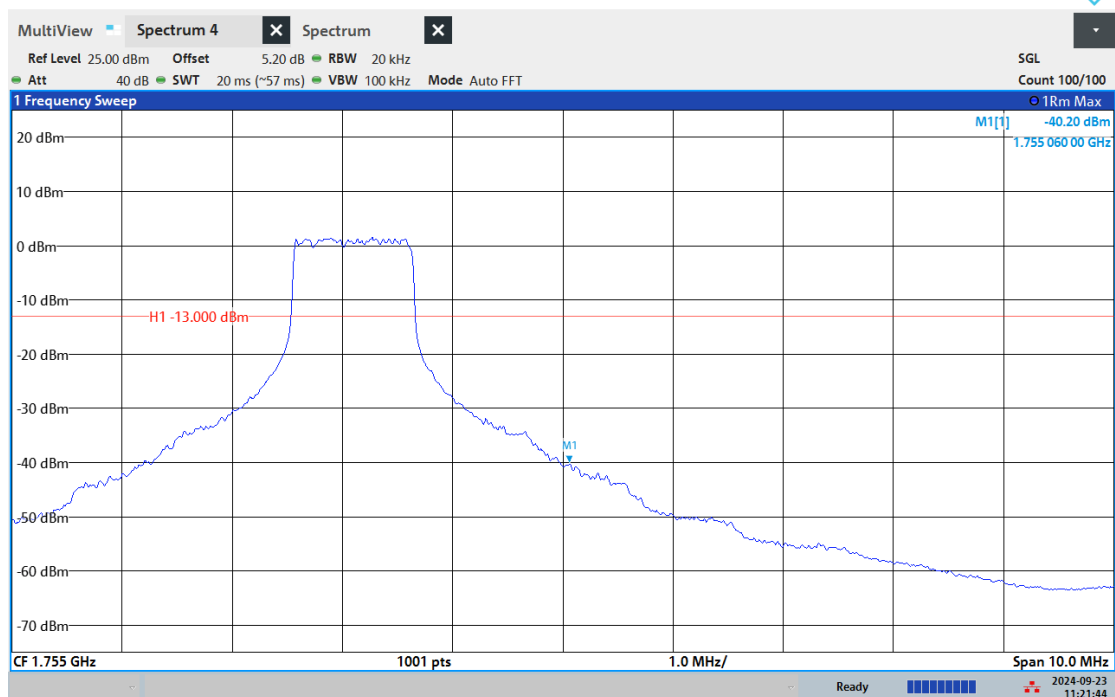


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Band4-20MHz-QPSK-20300-6RB#0

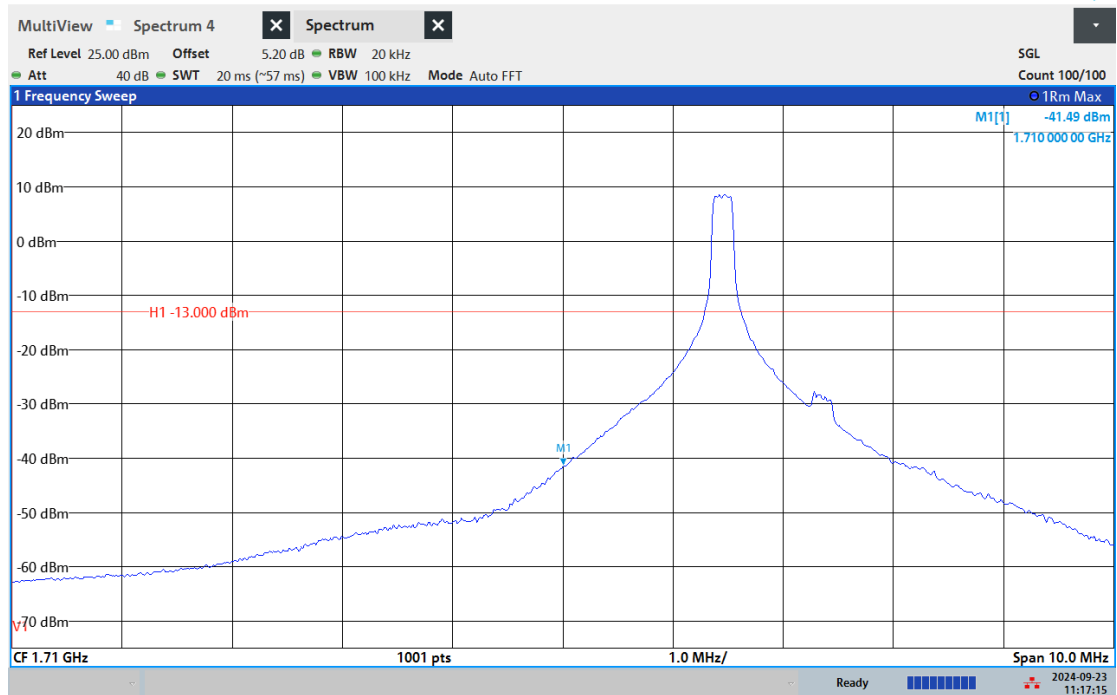


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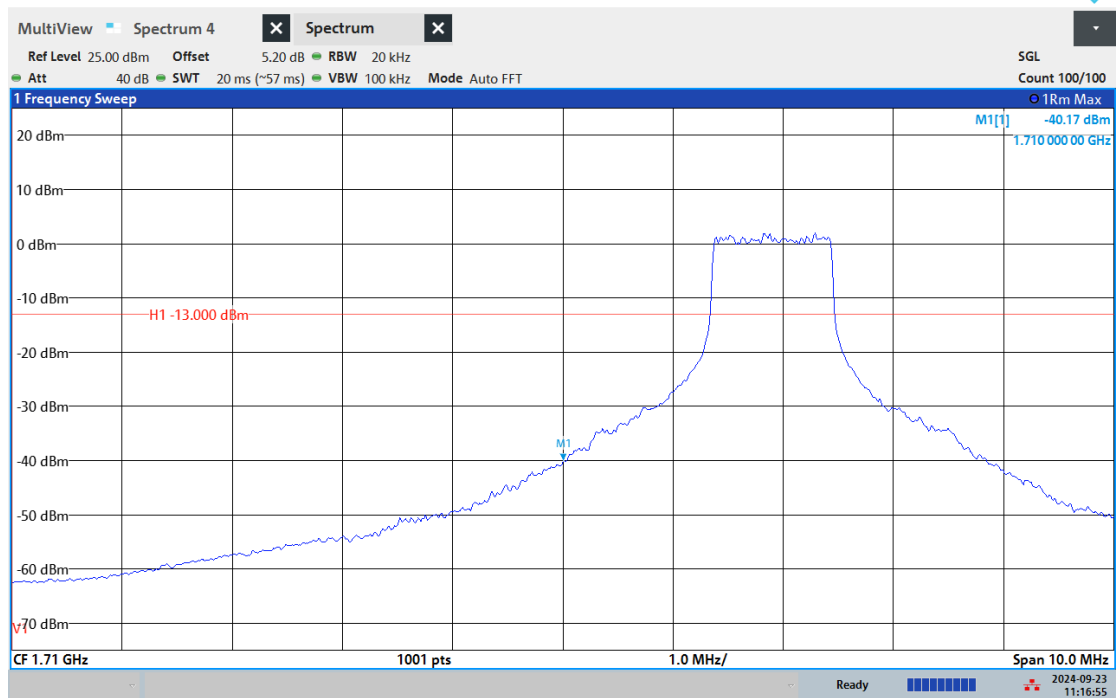


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Band4-20MHz-16QAM-20050-6RB#0

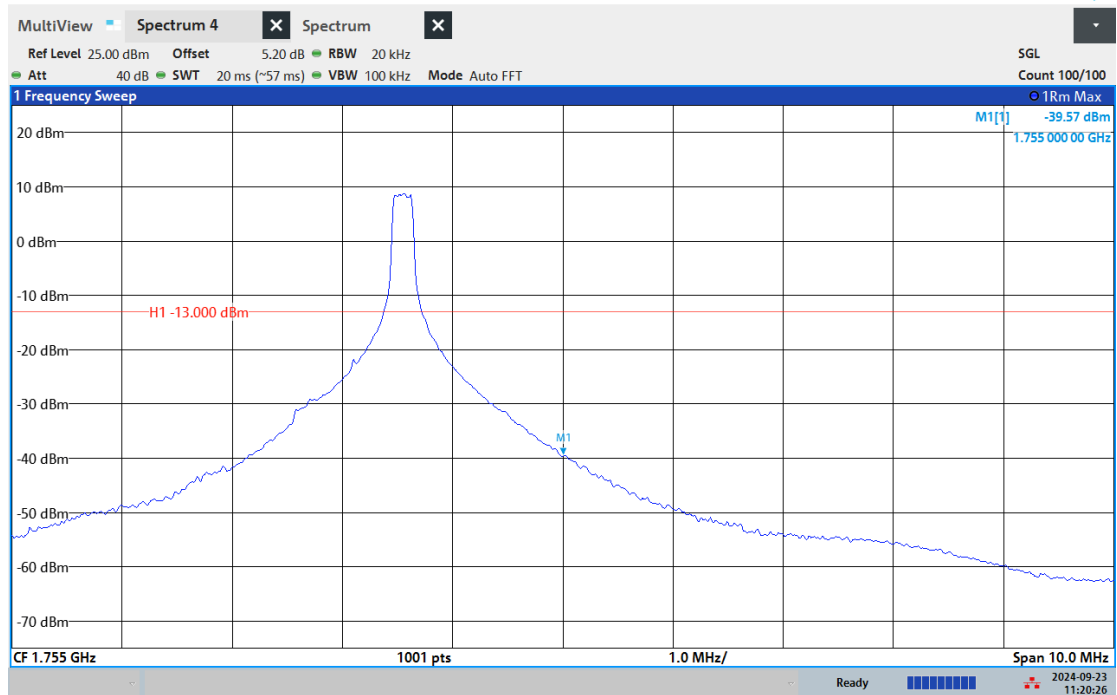


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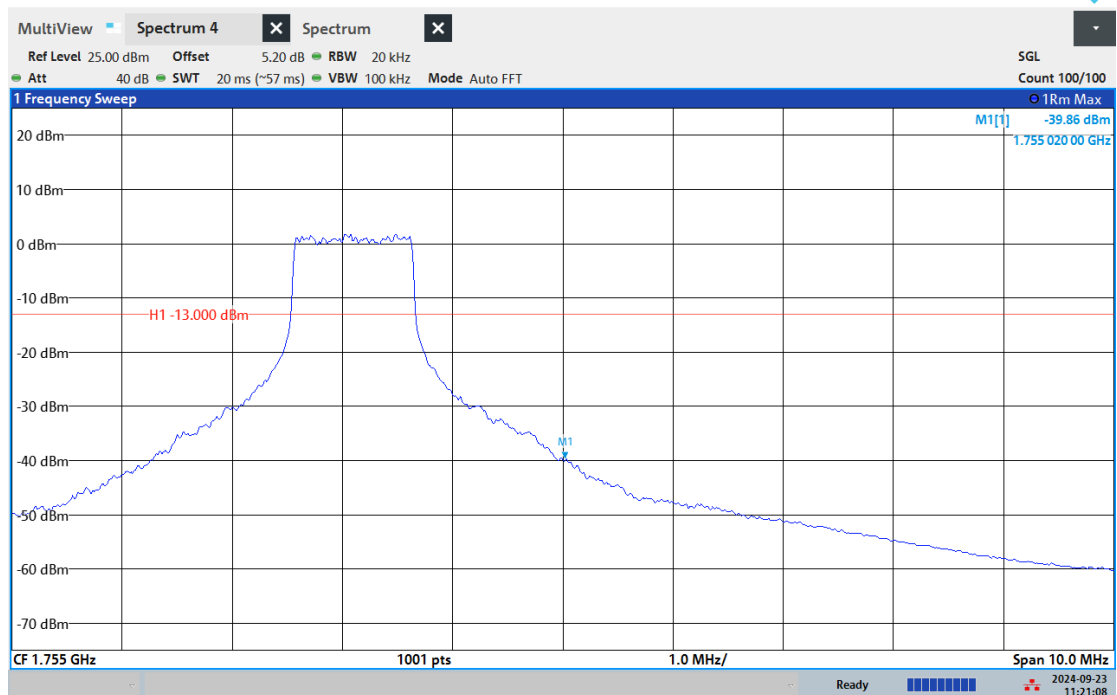


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Band4-20MHz-16QAM-20300-6RB#0



CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range:30~18000MHz	See Graph	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range:30~18000MHz	See Graph	PASS

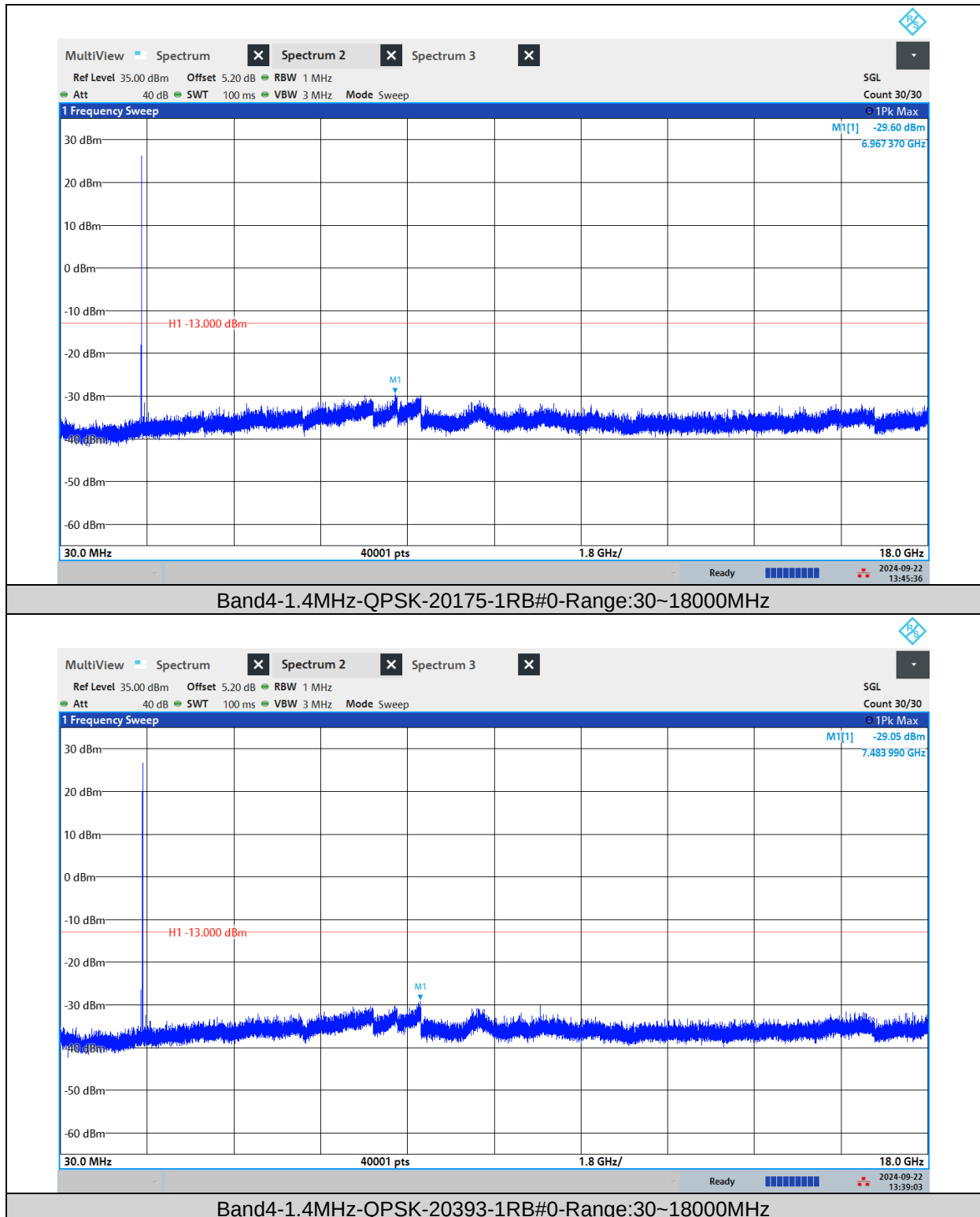
Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0-Range:30~18000MHz



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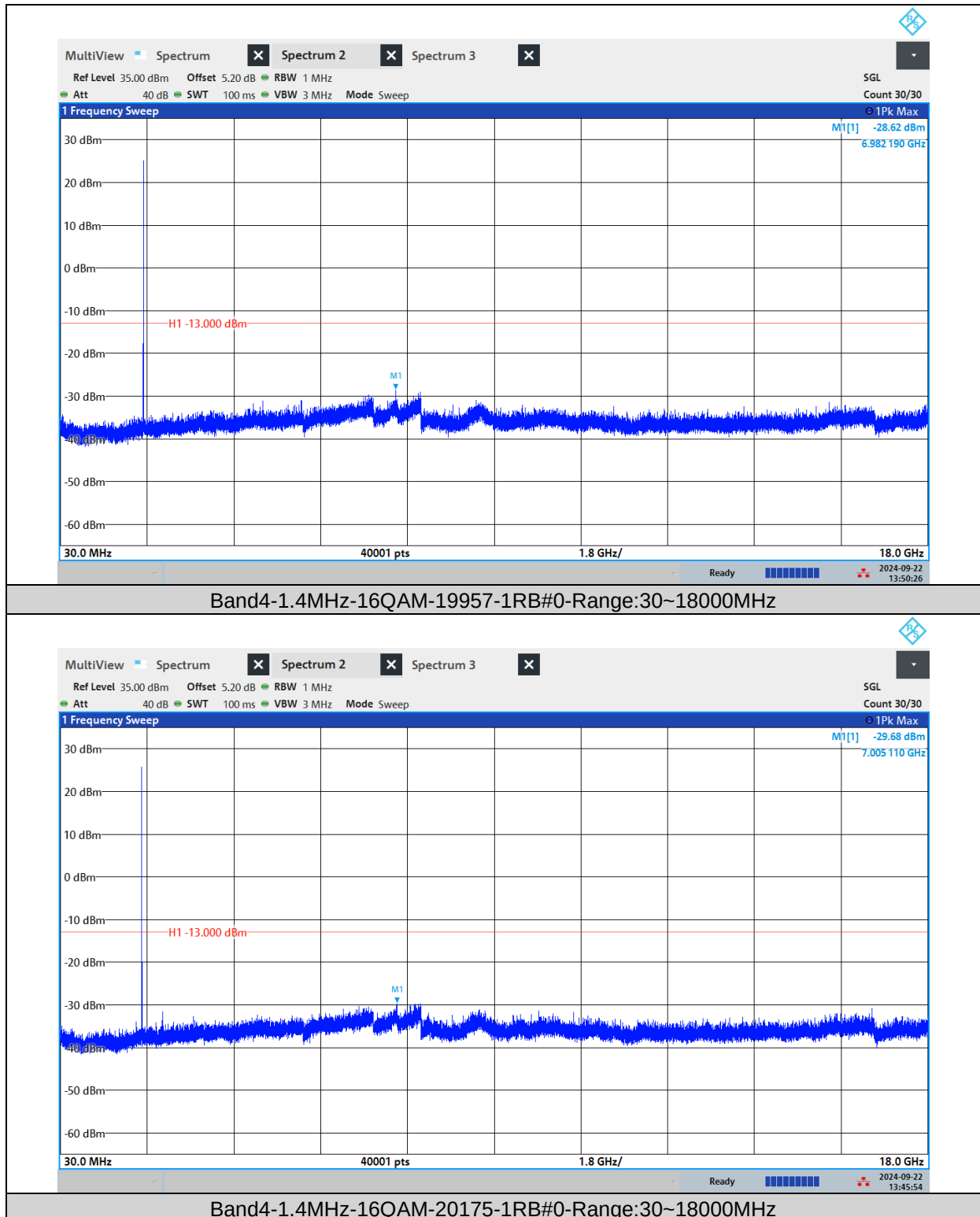
Test Report No.: PSU-QBJ2408220111RF03





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VERITAS

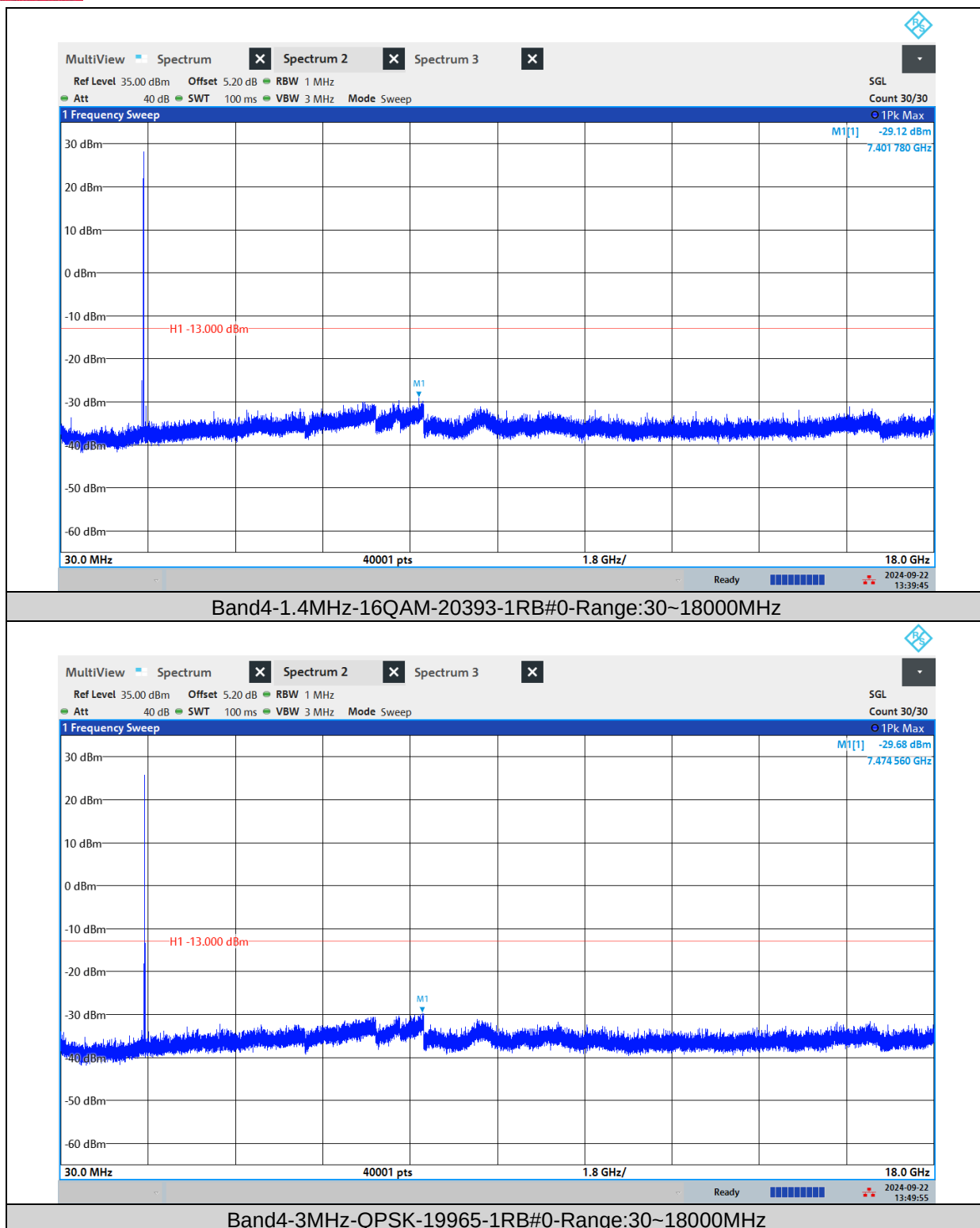
Test Report No.: PSU-QBJ2408220111RF03





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VERITAS

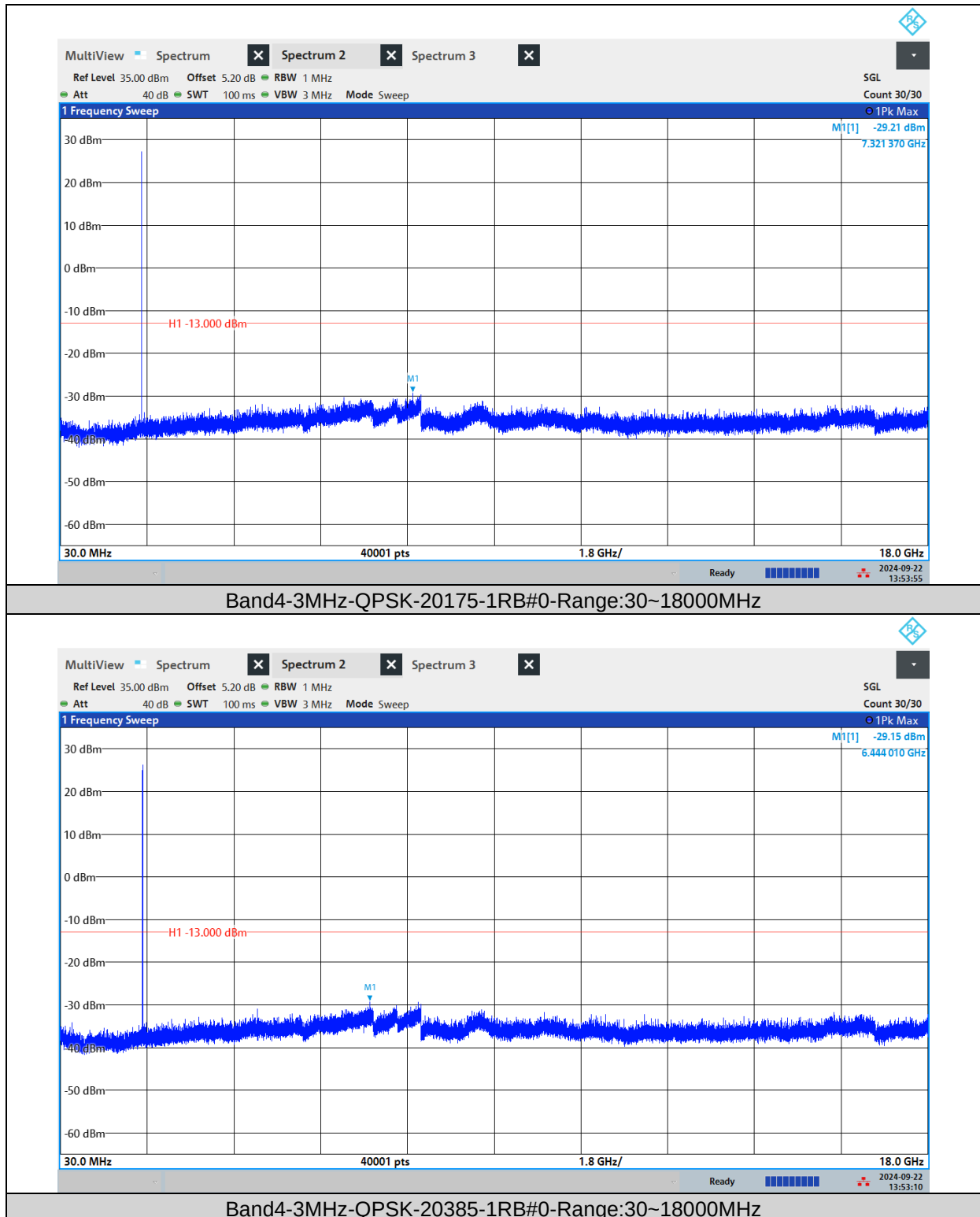
Test Report No.: PSU-QBJ2408220111RF03





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VERITAS

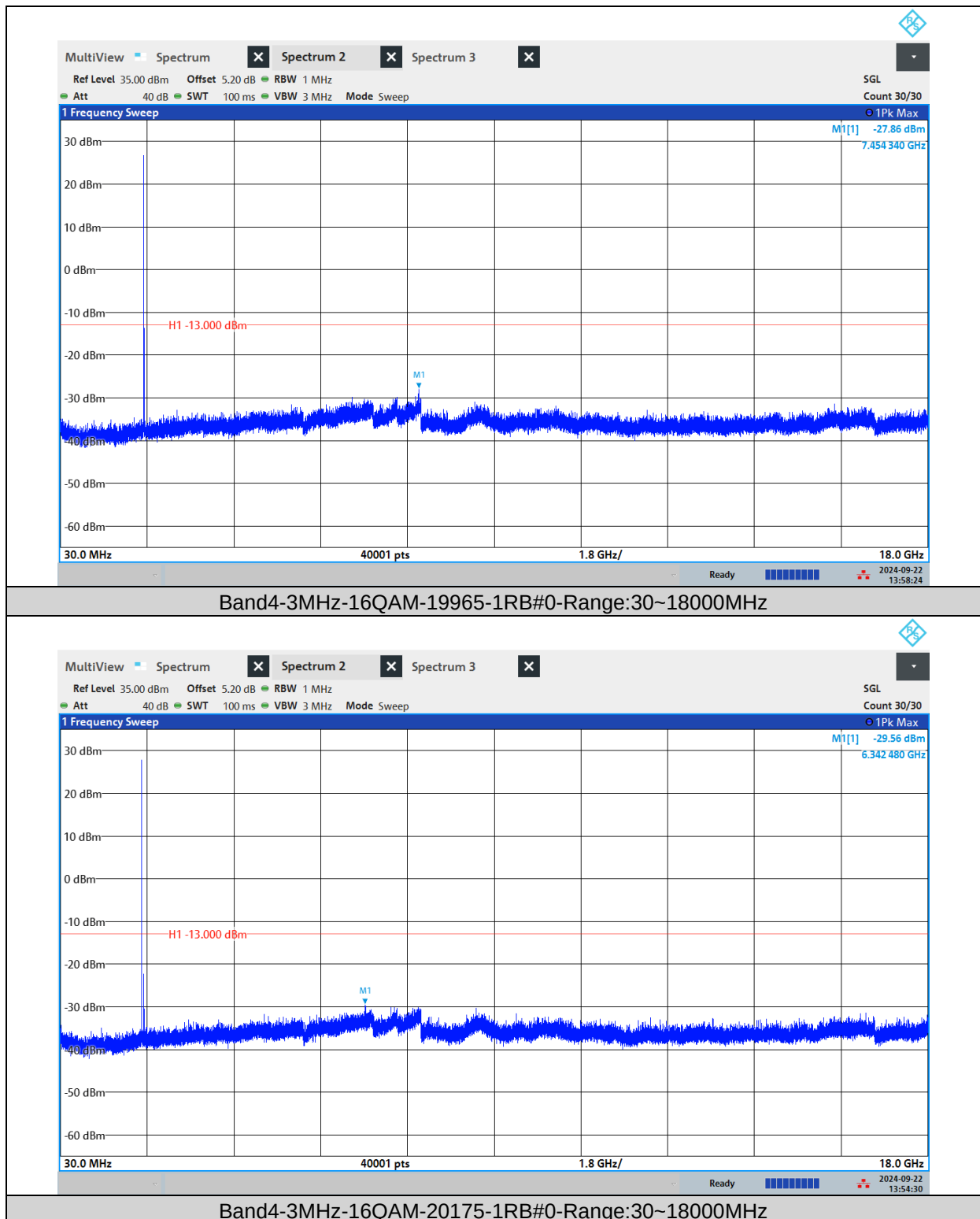
Test Report No.: PSU-QBJ2408220111RF03





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VERITAS

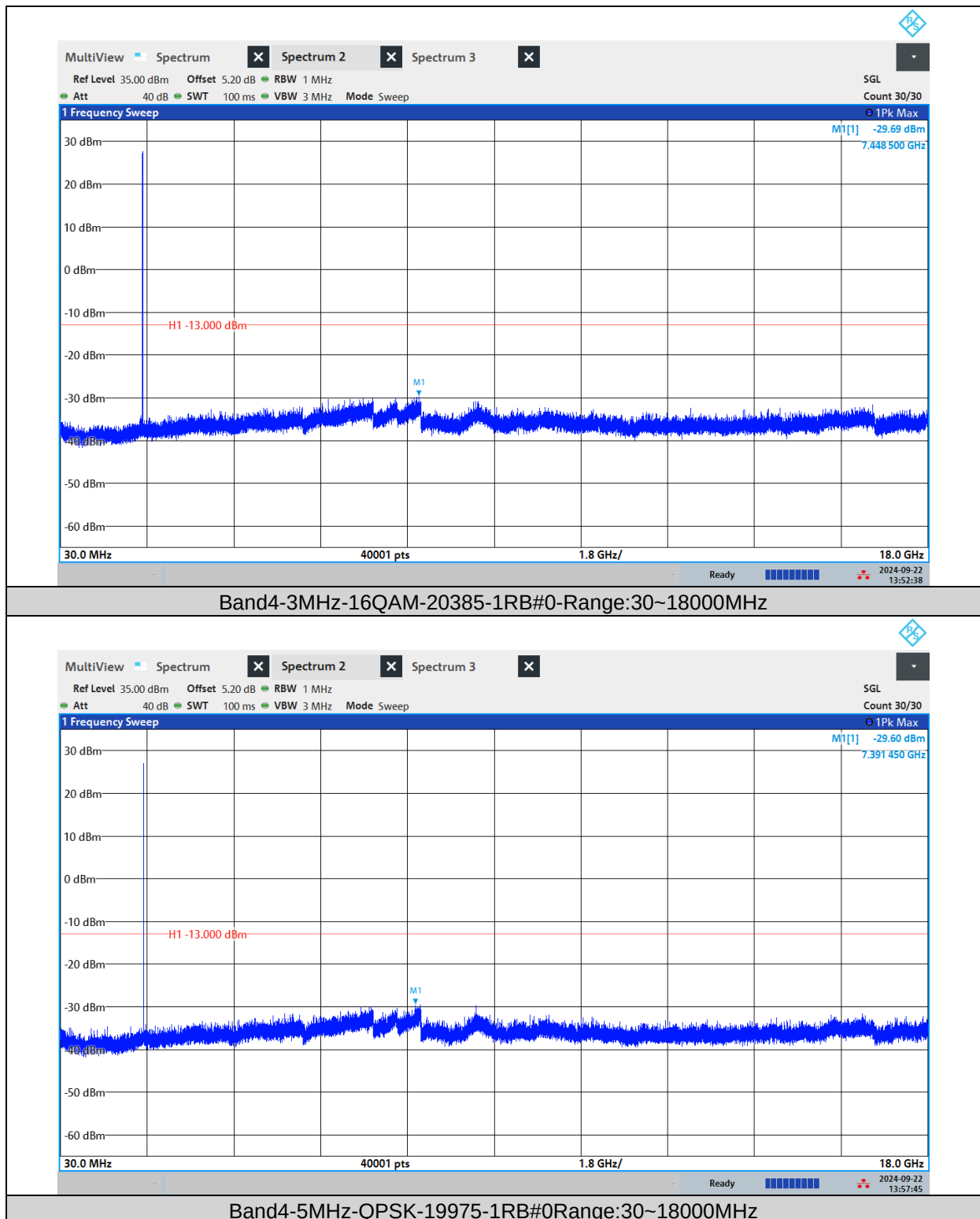
Test Report No.: PSU-QBJ2408220111RF03





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VERITAS

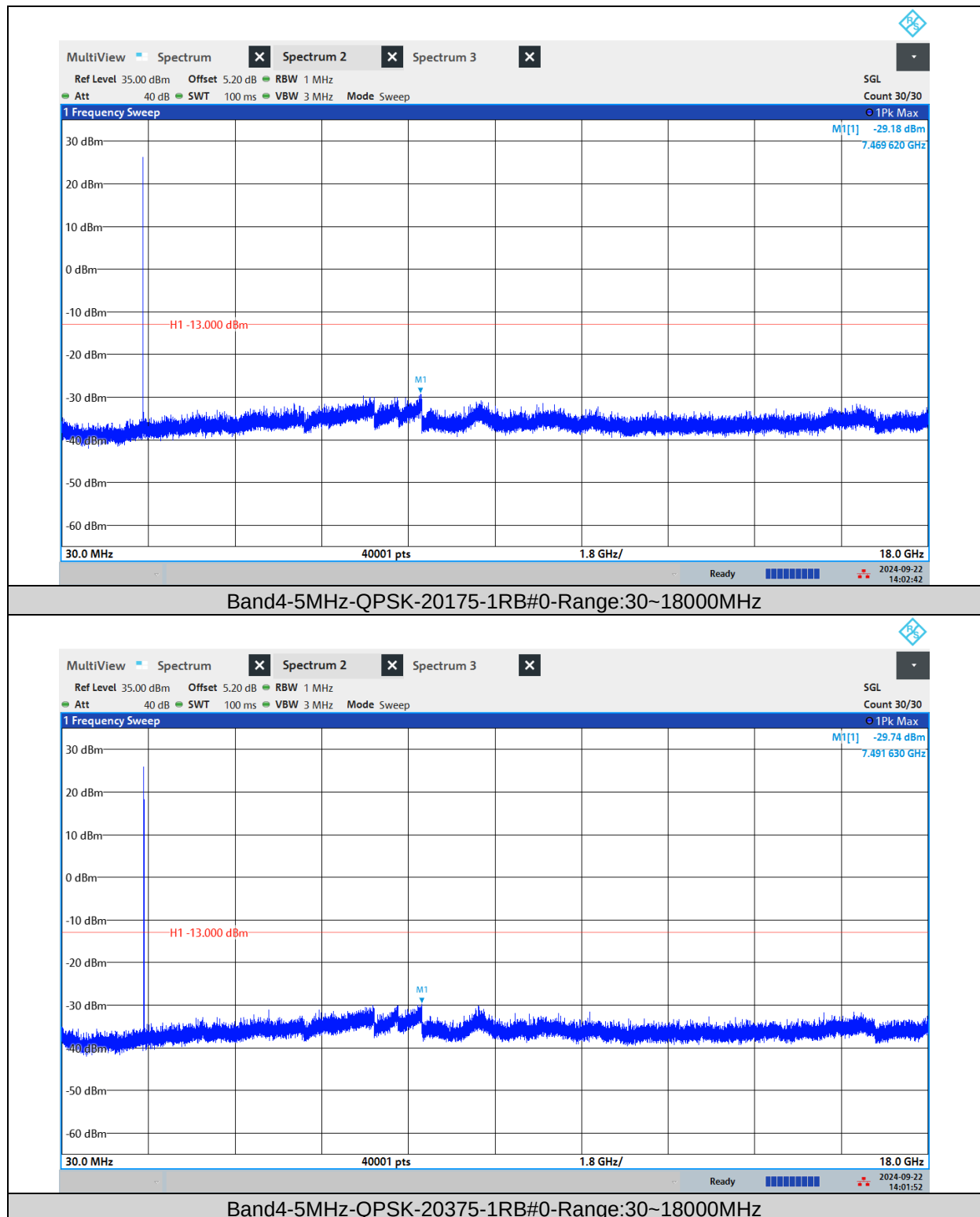
Test Report No.: PSU-QBJ2408220111RF03





BUREAU
VERITAS

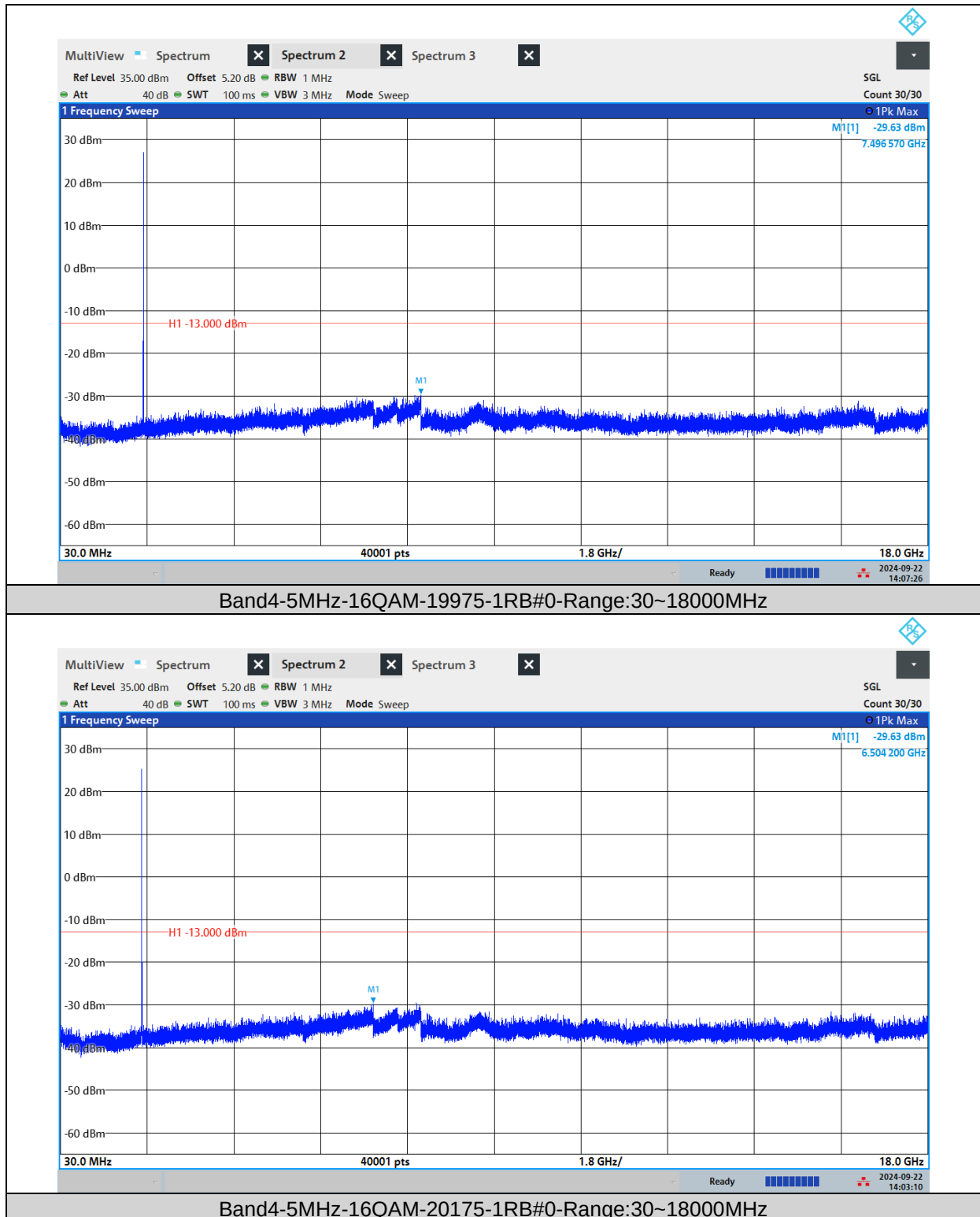
Test Report No.: PSU-QBJ2408220111RF03





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VERITAS

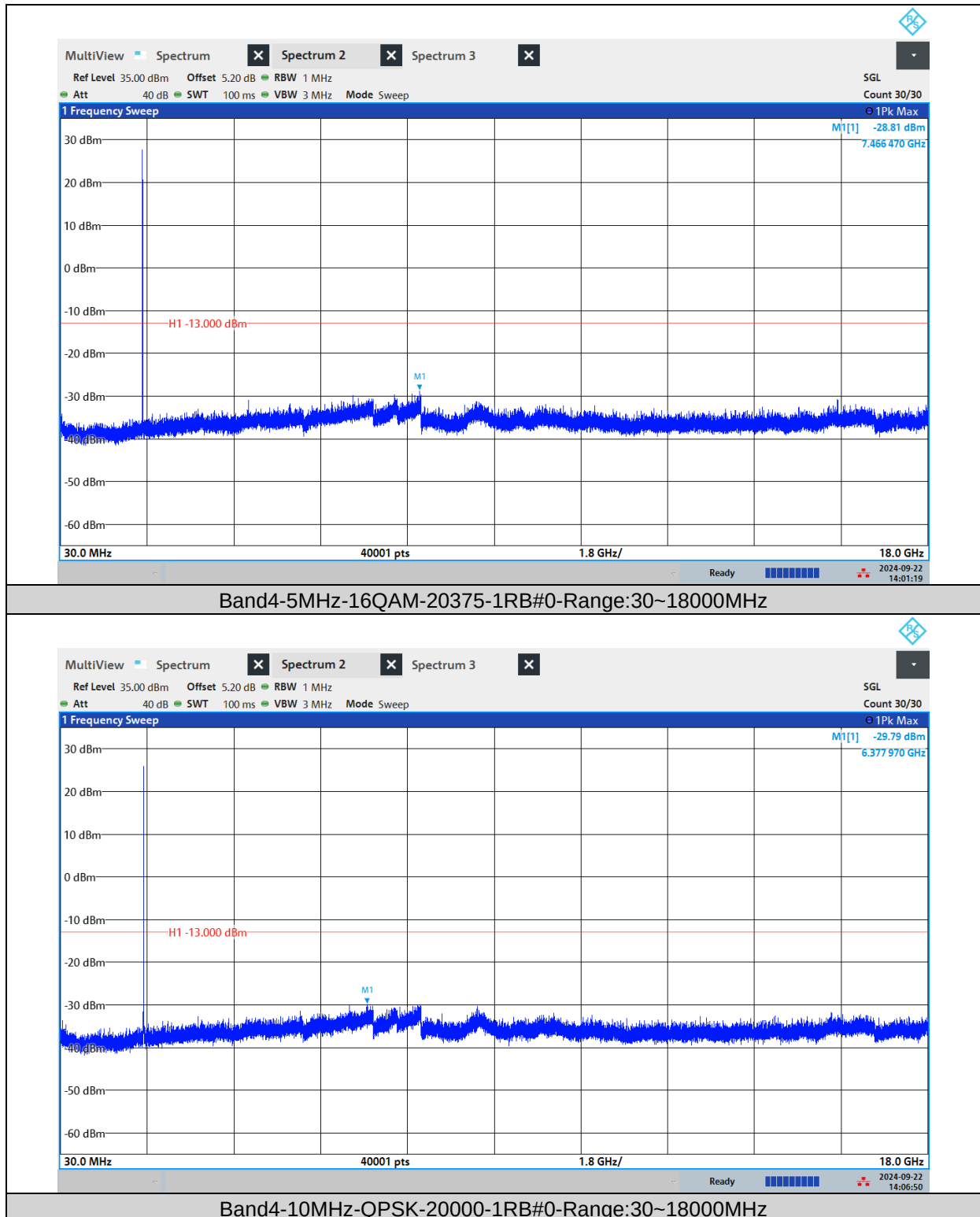
Test Report No.: PSU-QBJ2408220111RF03





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VERITAS

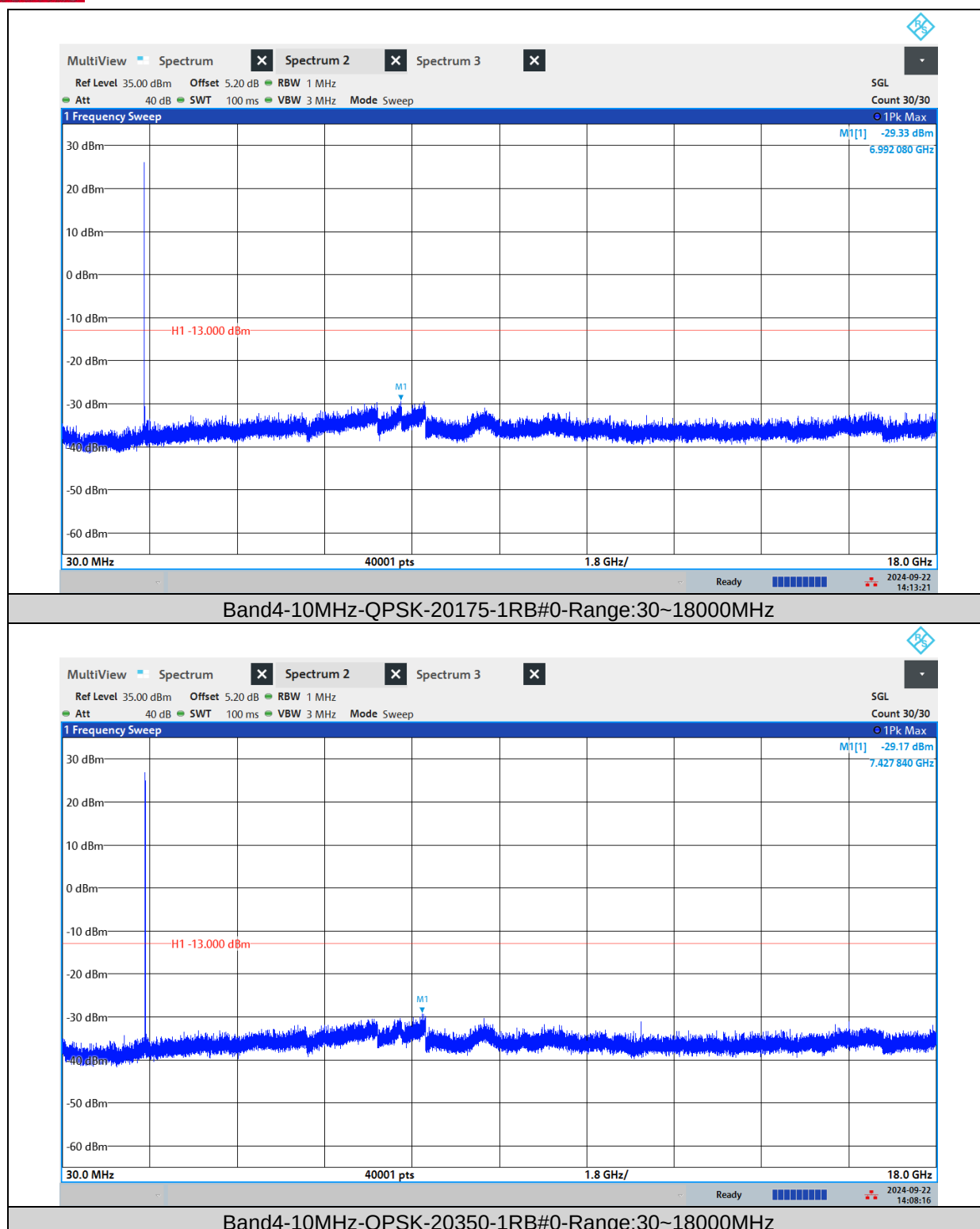
Test Report No.: PSU-QBJ2408220111RF03





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VERITAS

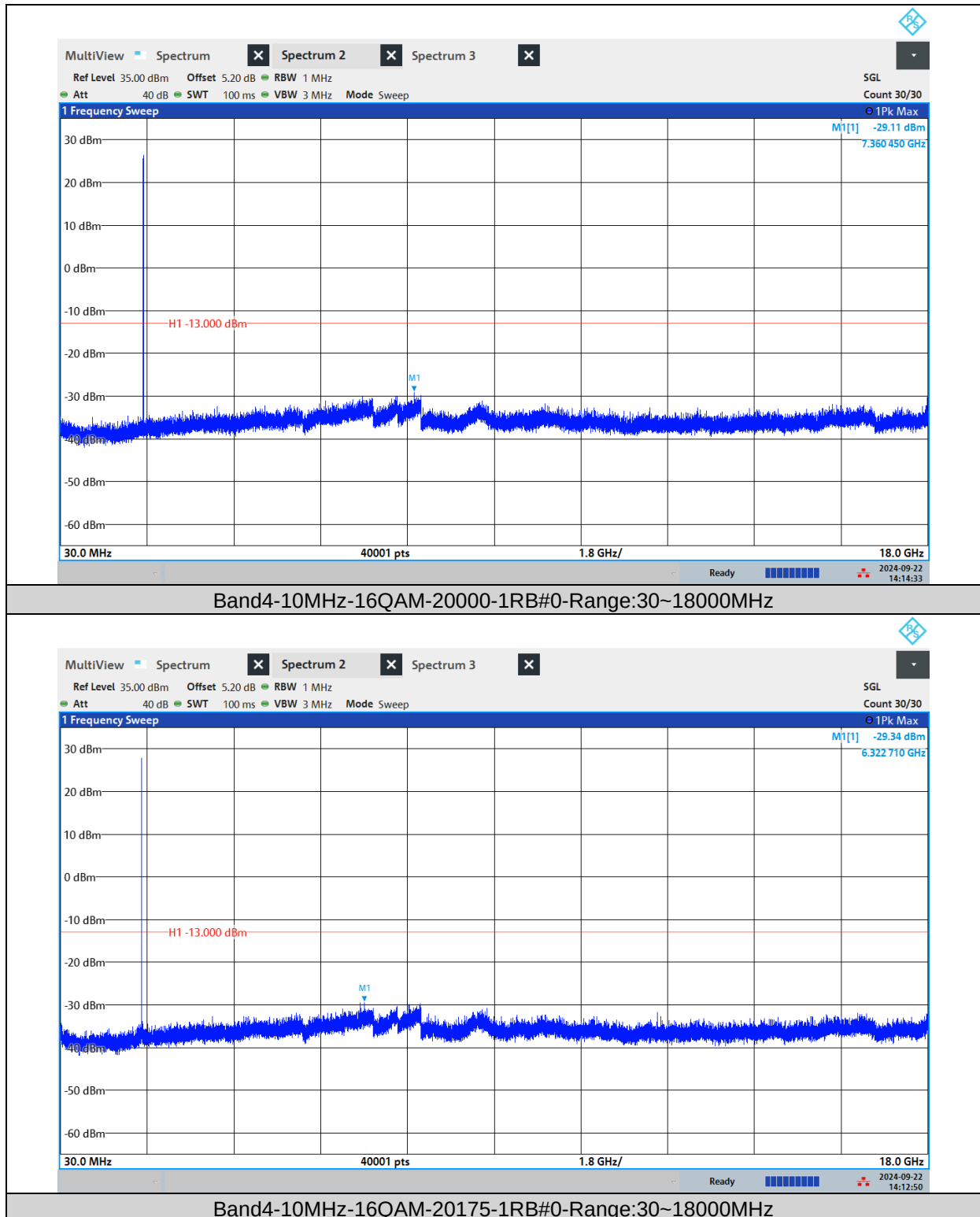
Test Report No.: PSU-QBJ2408220111RF03





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VERITAS

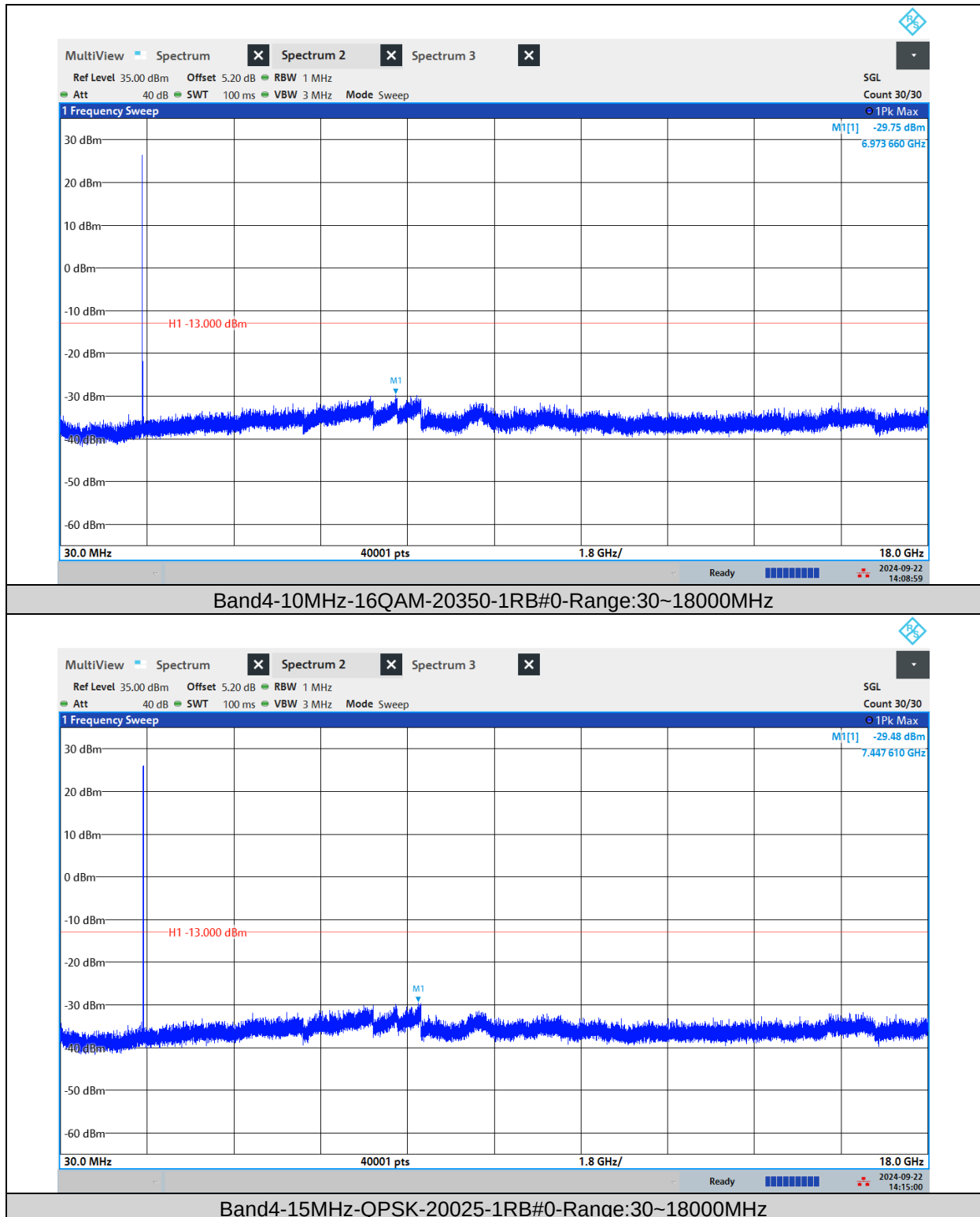
Test Report No.: PSU-QBJ2408220111RF03

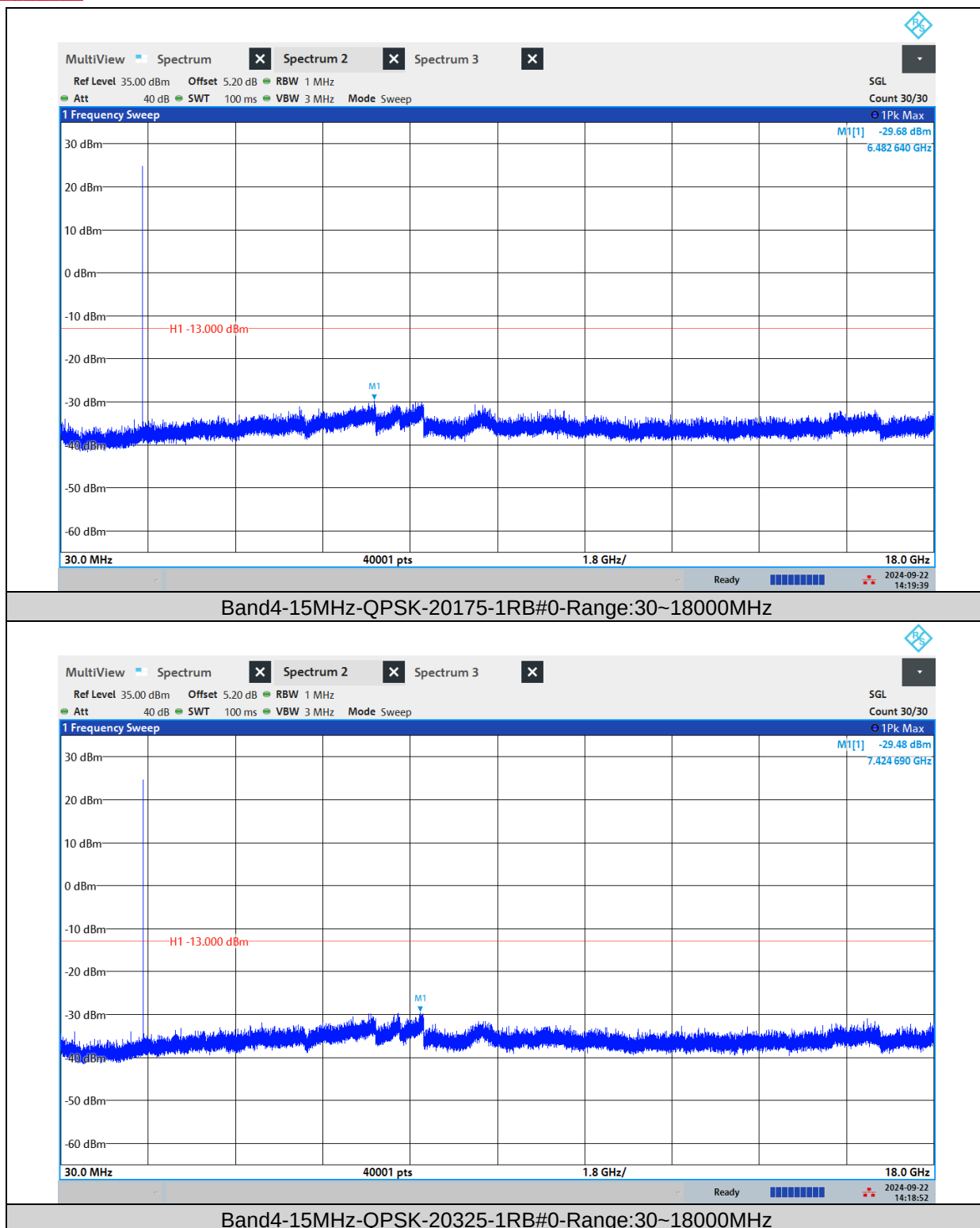




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VERITAS

Test Report No.: PSU-QBJ2408220111RF03

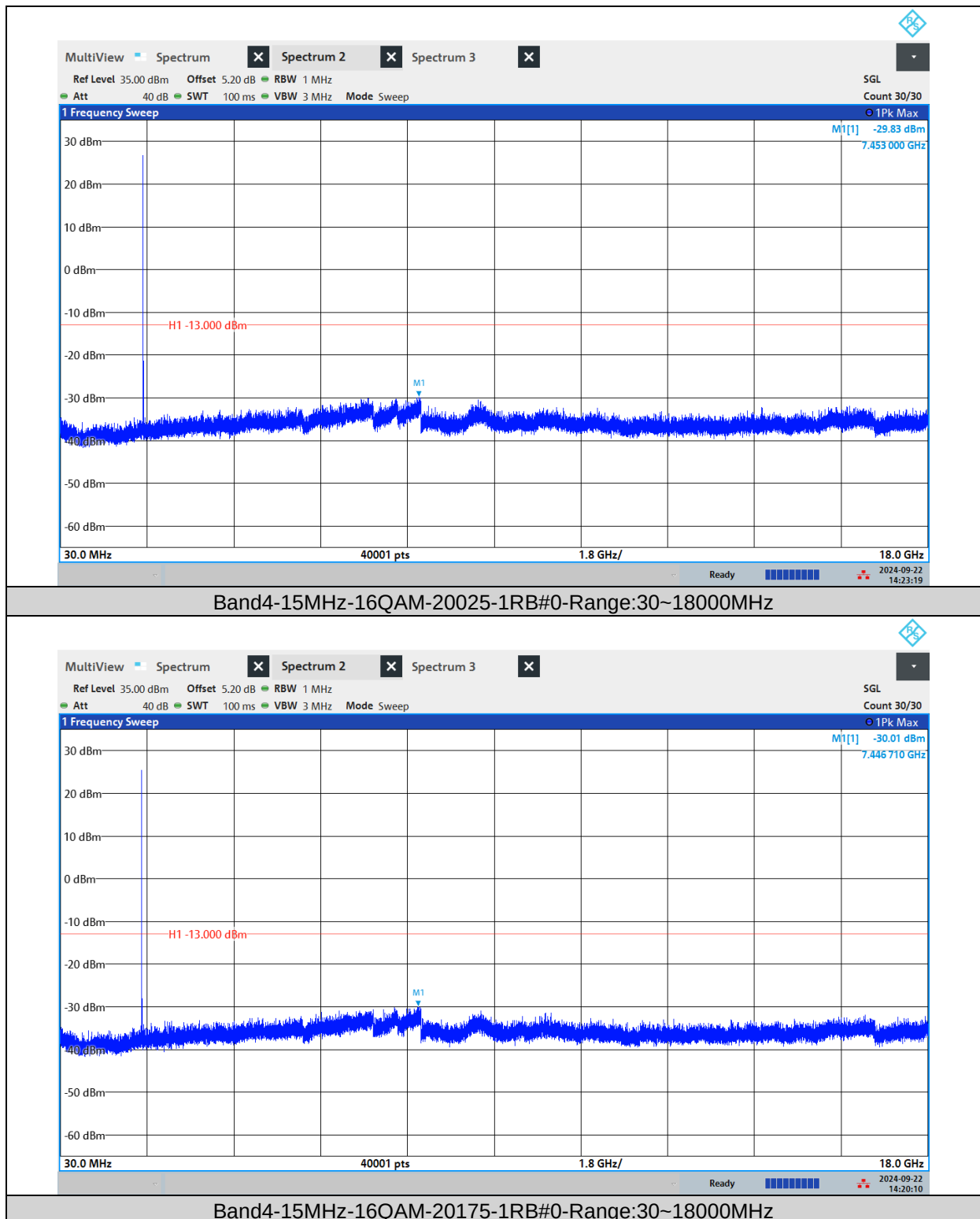






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VERITAS

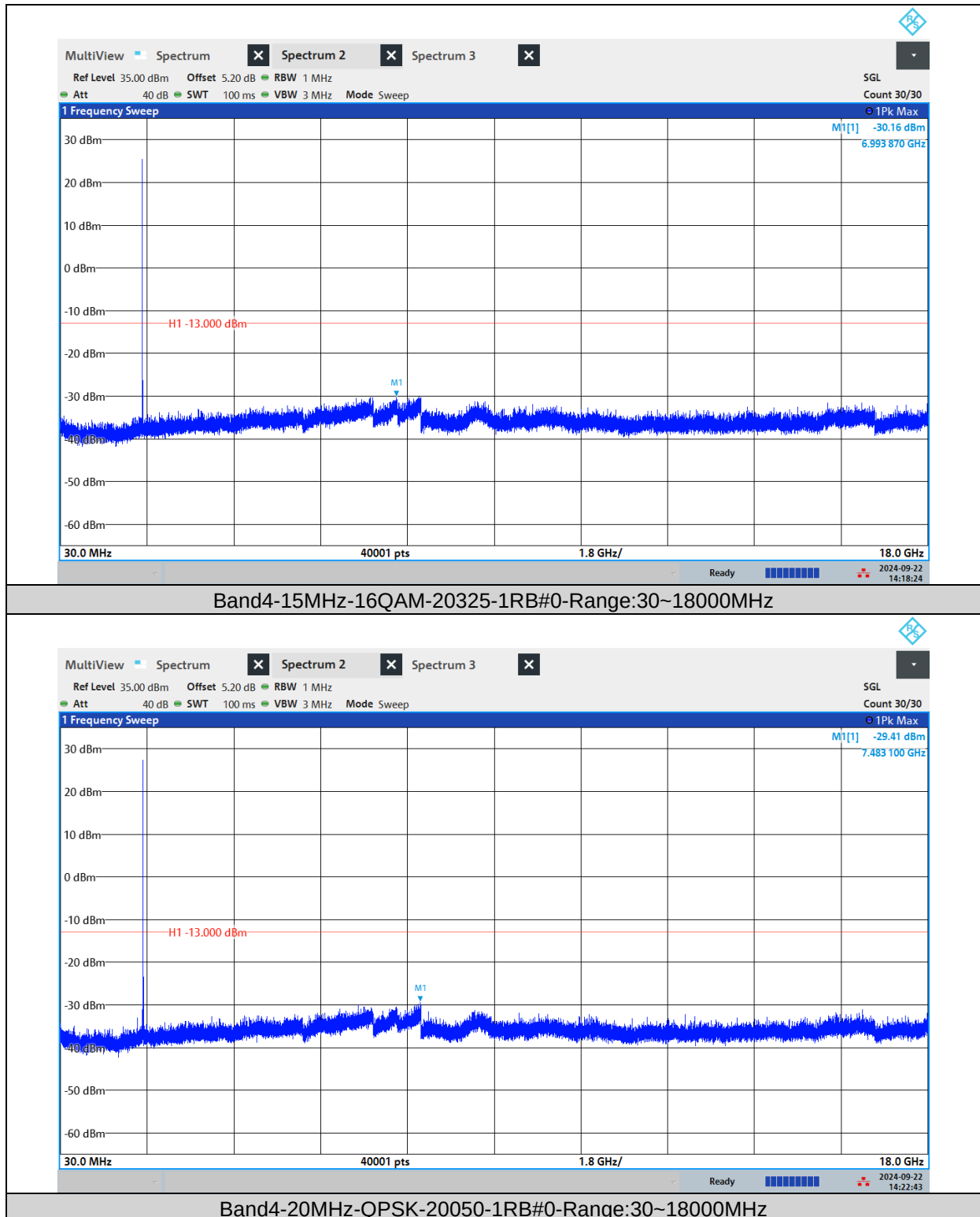
Test Report No.: PSU-QBJ2408220111RF03





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VERITAS

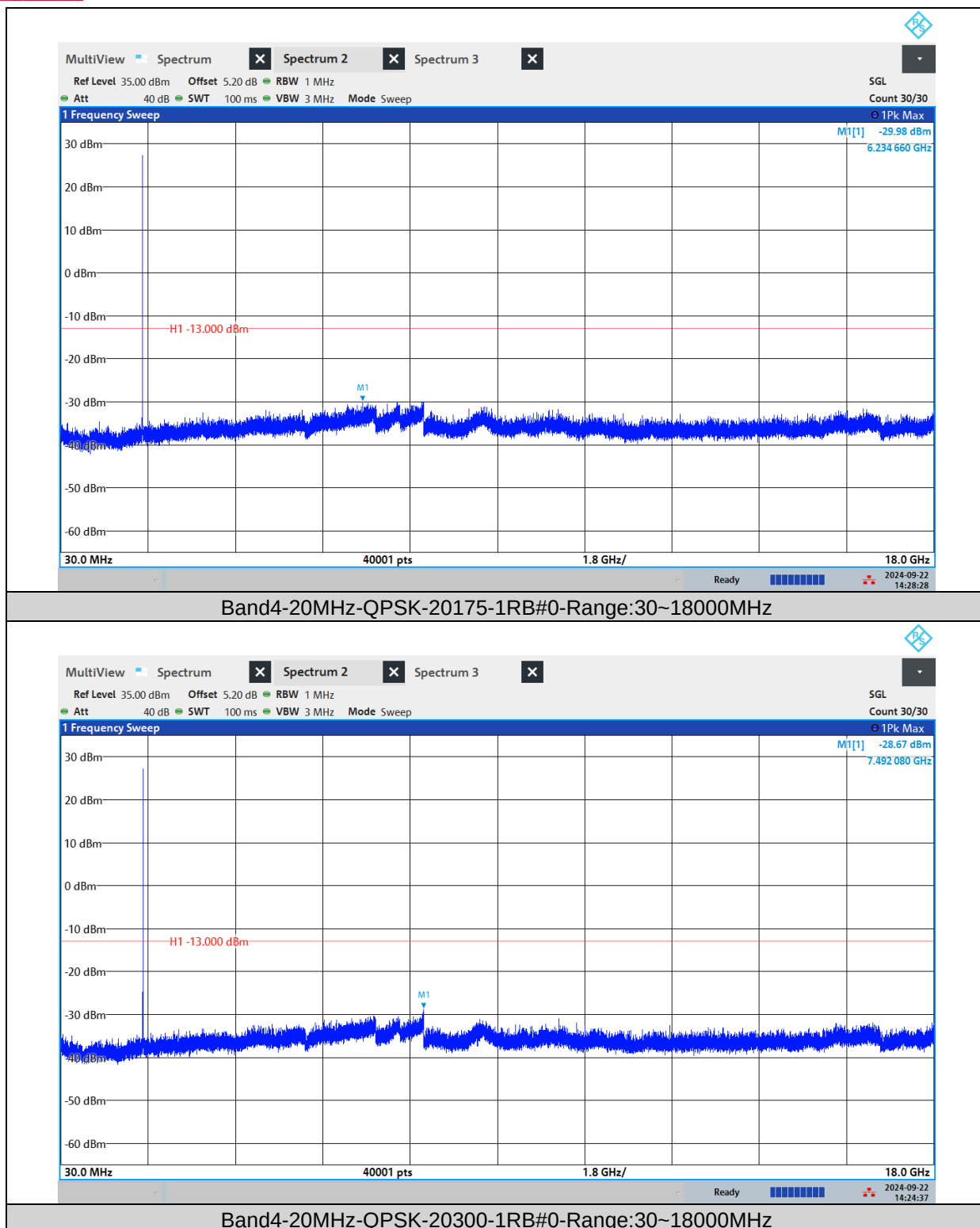
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VERITAS

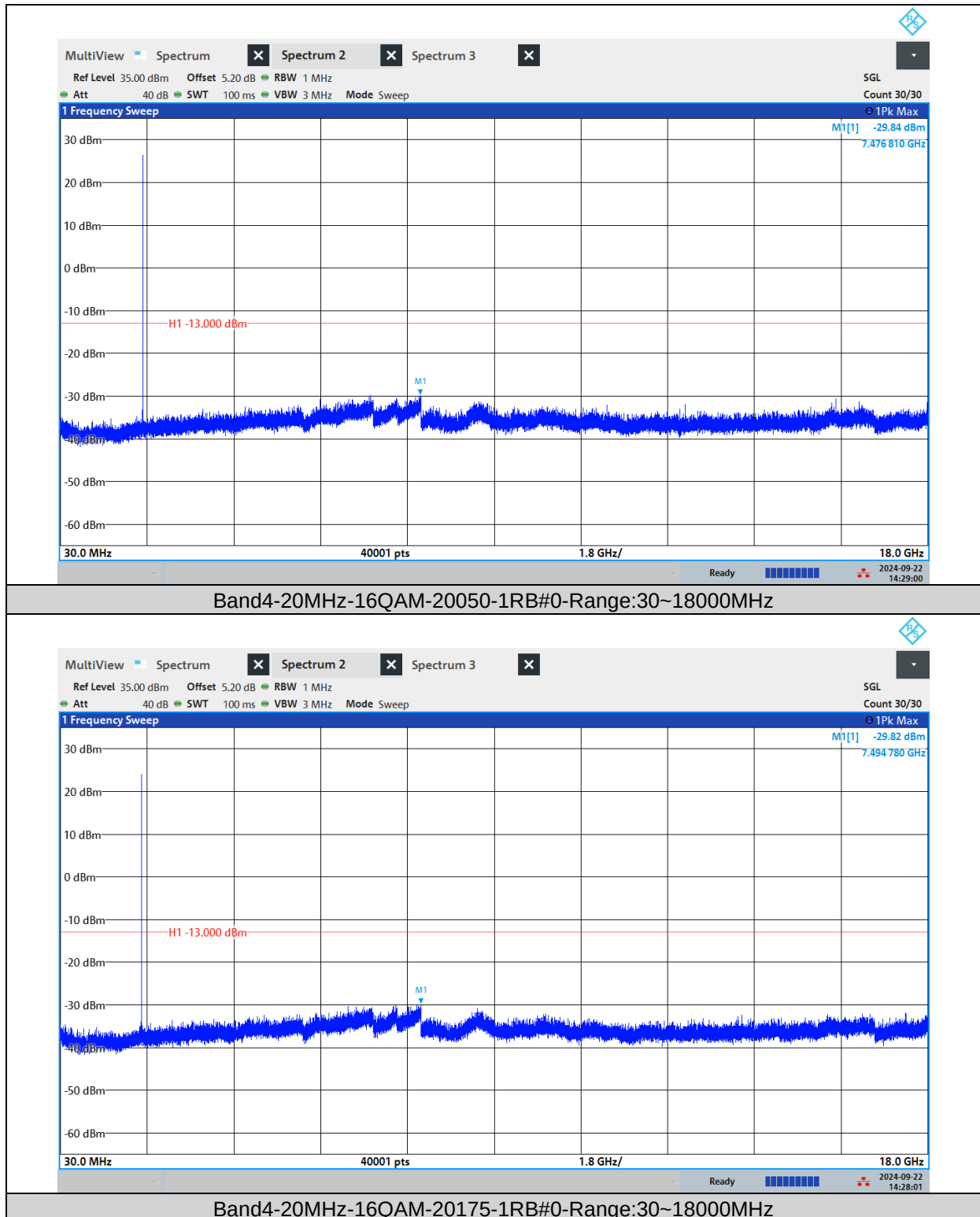
Test Report No.: PSU-QBJ2408220111RF03





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VERITAS

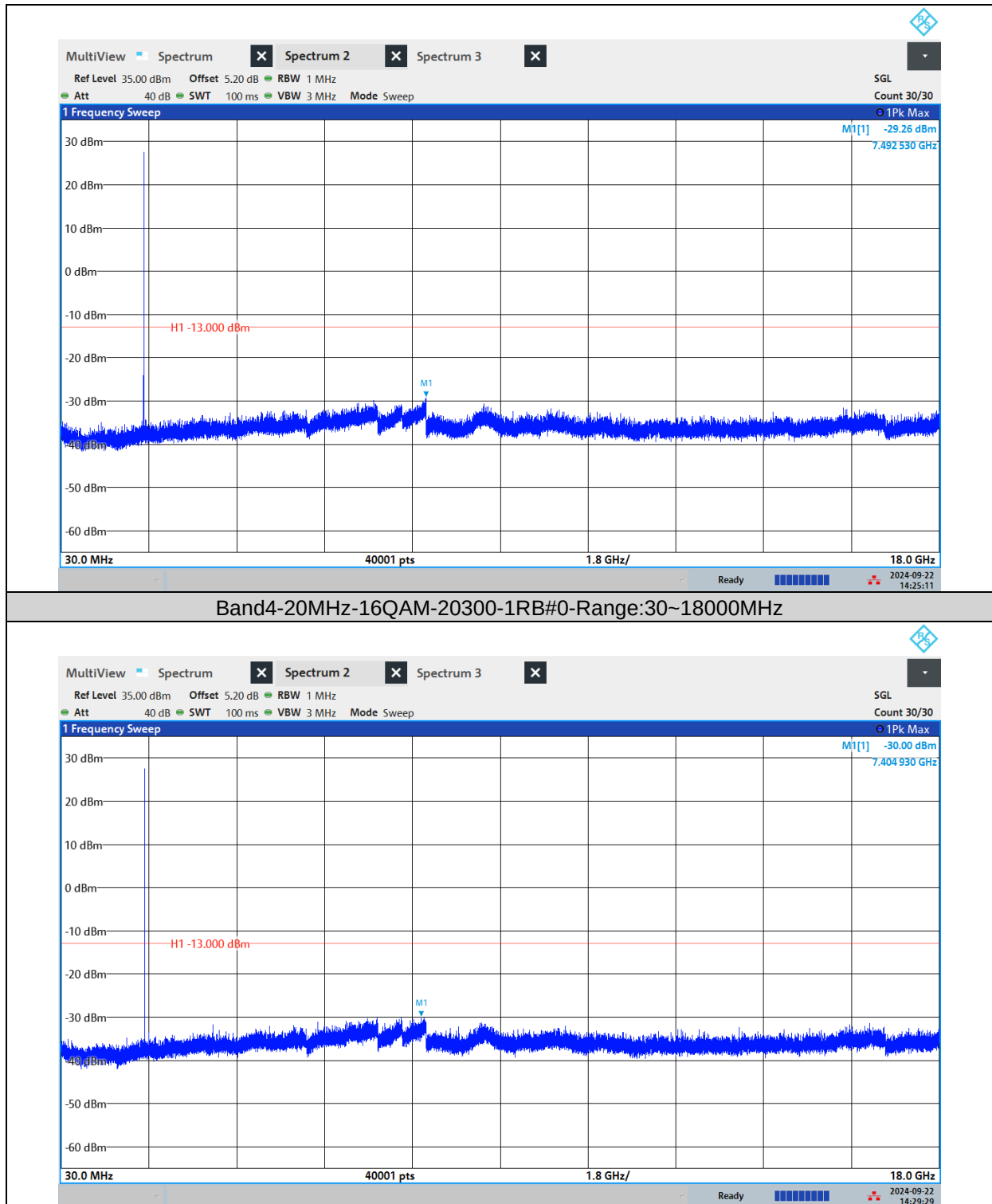
Test Report No.: PSU-QBJ2408220111RF03





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VERITAS

Test Report No.: PSU-QBJ2408220111RF03



FREQUENCY STABILITY

Test Result

Voltage

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-QBJ2408220111RF03

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	6RB#0	VL	NT	0.43	0.0002	±2.5	PASS
Band4	20MHz	QPSK	20050	6RB#0	VN	NT	-13.70	-0.0055	±2.5	PASS
Band4	20MHz	QPSK	20050	6RB#0	VH	NT	-15.52	-0.0062	±2.5	PASS
Band4	20MHz	QPSK	20175	6RB#0	VL	NT	-9.37	-0.0037	±2.5	PASS
Band4	20MHz	QPSK	20175	6RB#0	VN	NT	16.05	0.0063	±2.5	PASS
Band4	20MHz	QPSK	20175	6RB#0	VH	NT	-16.07	-0.0063	±2.5	PASS
Band4	20MHz	QPSK	20300	6RB#0	VL	NT	-0.77	-0.0003	±2.5	PASS
Band4	20MHz	QPSK	20300	6RB#0	VN	NT	8.83	0.0034	±2.5	PASS
Band4	20MHz	QPSK	20300	6RB#0	VH	NT	16.57	0.0065	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	6RB#0	NV	-30	-16.20	-0.0065	±2.5	PASS
Band4	20MHz	QPSK	20050	6RB#0	NV	-20	-10.10	-0.0040	±2.5	PASS
Band4	20MHz	QPSK	20050	6RB#0	NV	-10	-16.20	-0.0065	±2.5	PASS
Band4	20MHz	QPSK	20050	6RB#0	NV	0	-27.20	-0.0108	±2.5	PASS
Band4	20MHz	QPSK	20050	6RB#0	NV	10	24.90	0.0099	±2.5	PASS
Band4	20MHz	QPSK	20050	6RB#0	NV	20	12.50	0.0050	±2.5	PASS
Band4	20MHz	QPSK	20050	6RB#0	NV	30	5.50	0.0022	±2.5	PASS
Band4	20MHz	QPSK	20050	6RB#0	NV	40	25.40	0.0101	±2.5	PASS
Band4	20MHz	QPSK	20050	6RB#0	NV	50	13.10	0.0052	±2.5	PASS
Band4	20MHz	QPSK	20175	6RB#0	NV	-30	0.81	0.0003	±2.5	PASS
Band4	20MHz	QPSK	20175	6RB#0	NV	-20	-16.69	-0.0066	±2.5	PASS
Band4	20MHz	QPSK	20175	6RB#0	NV	-10	9.56	0.0038	±2.5	PASS
Band4	20MHz	QPSK	20175	6RB#0	NV	0	-13.42	-0.0053	±2.5	PASS
Band4	20MHz	QPSK	20175	6RB#0	NV	10	-11.45	-0.0045	±2.5	PASS
Band4	20MHz	QPSK	20175	6RB#0	NV	20	11.00	0.0043	±2.5	PASS
Band4	20MHz	QPSK	20175	6RB#0	NV	30	-11.88	-0.0047	±2.5	PASS
Band4	20MHz	QPSK	20175	6RB#0	NV	40	-1.50	-0.0006	±2.5	PASS
Band4	20MHz	QPSK	20175	6RB#0	NV	50	25.30	0.0100	±2.5	PASS
Band4	20MHz	QPSK	20300	6RB#0	NV	-30	23.90	0.0093	±2.5	PASS
Band4	20MHz	QPSK	20300	6RB#0	NV	-20	-1.80	-0.0007	±2.5	PASS
Band4	20MHz	QPSK	20300	6RB#0	NV	-10	-5.20	-0.0020	±2.5	PASS
Band4	20MHz	QPSK	20300	6RB#0	NV	0	-13.30	-0.0052	±2.5	PASS
Band4	20MHz	QPSK	20300	6RB#0	NV	10	9.20	0.0036	±2.5	PASS
Band4	20MHz	QPSK	20300	6RB#0	NV	20	22.00	0.0086	±2.5	PASS
Band4	20MHz	QPSK	20300	6RB#0	NV	30	8.20	0.0032	±2.5	PASS
Band4	20MHz	QPSK	20300	6RB#0	NV	40	-4.10	-0.0016	±2.5	PASS
Band4	20MHz	QPSK	20300	6RB#0	NV	50	-10.20	-0.0040	±2.5	PASS

MAX Deviation calculation

Frequency Stability	Frequency (MHz)	Limit Line(MHz)	Result
$f_L - \text{MAX}(\Delta f) $	1719.435973	≥ 1710	PASS
$f_H + \text{MAX}(\Delta f) $	1745.56303	≤ 1755	

Note : 1. $|\text{MAX}(\Delta f)|$ = Max Deviation

2. f_L = Occ low channel f_L (-13dBm/MHz)

3. f_H = Occ High channel f_H (-13dBm/MHz)

4. $|\text{MAX}(\Delta f)|$ =27.2 Hz.

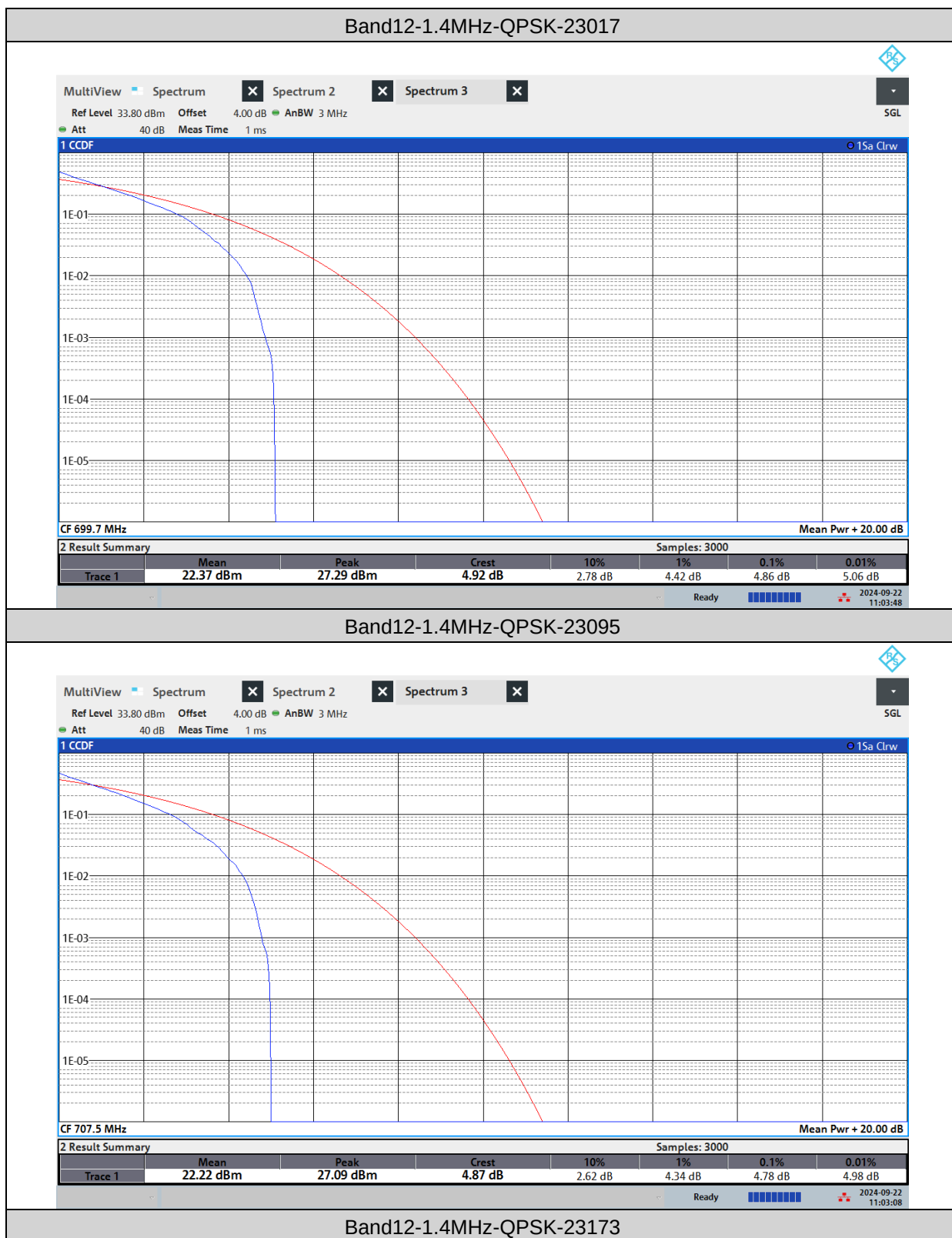
LTE BAND12

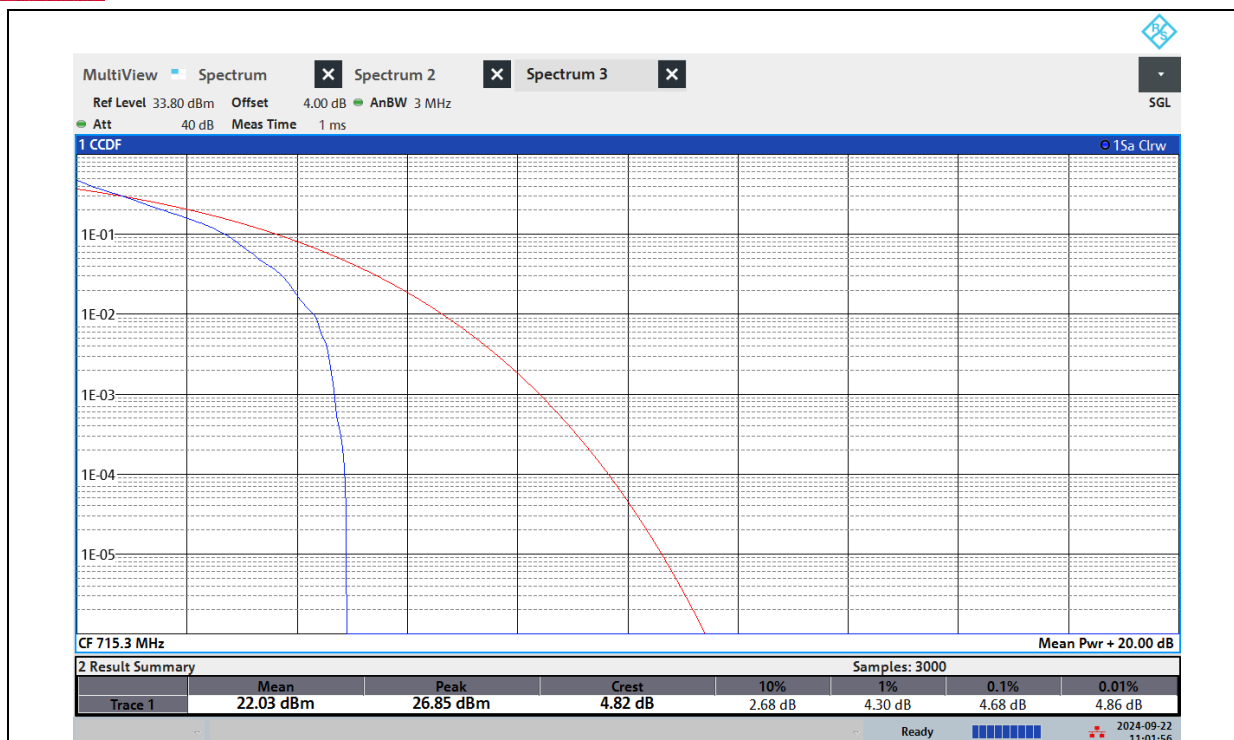
PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

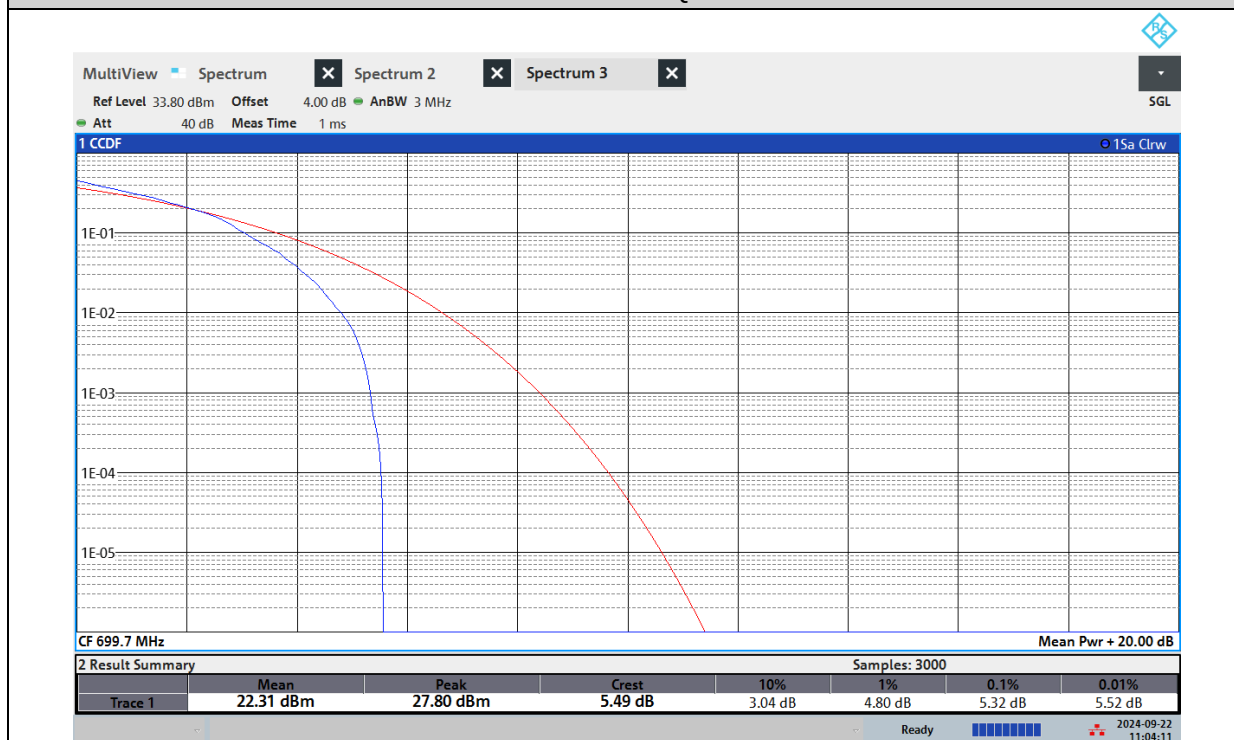
Band	Bandwidth	Modulation	Channel	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	4.86	13	PASS
Band12	1.4MHz	QPSK	23095	4.78	13	PASS
Band12	1.4MHz	QPSK	23173	4.68	13	PASS
Band12	1.4MHz	16QAM	23017	5.32	13	PASS
Band12	1.4MHz	16QAM	23095	5.16	13	PASS
Band12	1.4MHz	16QAM	23173	5.32	13	PASS
Band12	3MHz	QPSK	23025	4.60	13	PASS
Band12	3MHz	QPSK	23095	4.64	13	PASS
Band12	3MHz	QPSK	23165	4.46	13	PASS
Band12	3MHz	16QAM	23025	5.18	13	PASS
Band12	3MHz	16QAM	23095	5.16	13	PASS
Band12	3MHz	16QAM	23165	4.98	13	PASS
Band12	5MHz	QPSK	23035	4.60	13	PASS
Band12	5MHz	QPSK	23095	4.52	13	PASS
Band12	5MHz	QPSK	23155	4.56	13	PASS
Band12	5MHz	16QAM	23035	3.18	13	PASS
Band12	5MHz	16QAM	23095	4.98	13	PASS
Band12	5MHz	16QAM	23155	4.98	13	PASS
Band12	10MHz	QPSK	23060	4.50	13	PASS
Band12	10MHz	QPSK	23095	4.50	13	PASS
Band12	10MHz	QPSK	23130	4.46	13	PASS
Band12	10MHz	16QAM	23060	5.16	13	PASS
Band12	10MHz	16QAM	23095	4.94	13	PASS
Band12	10MHz	16QAM	23130	4.96	13	PASS

Test Graphs

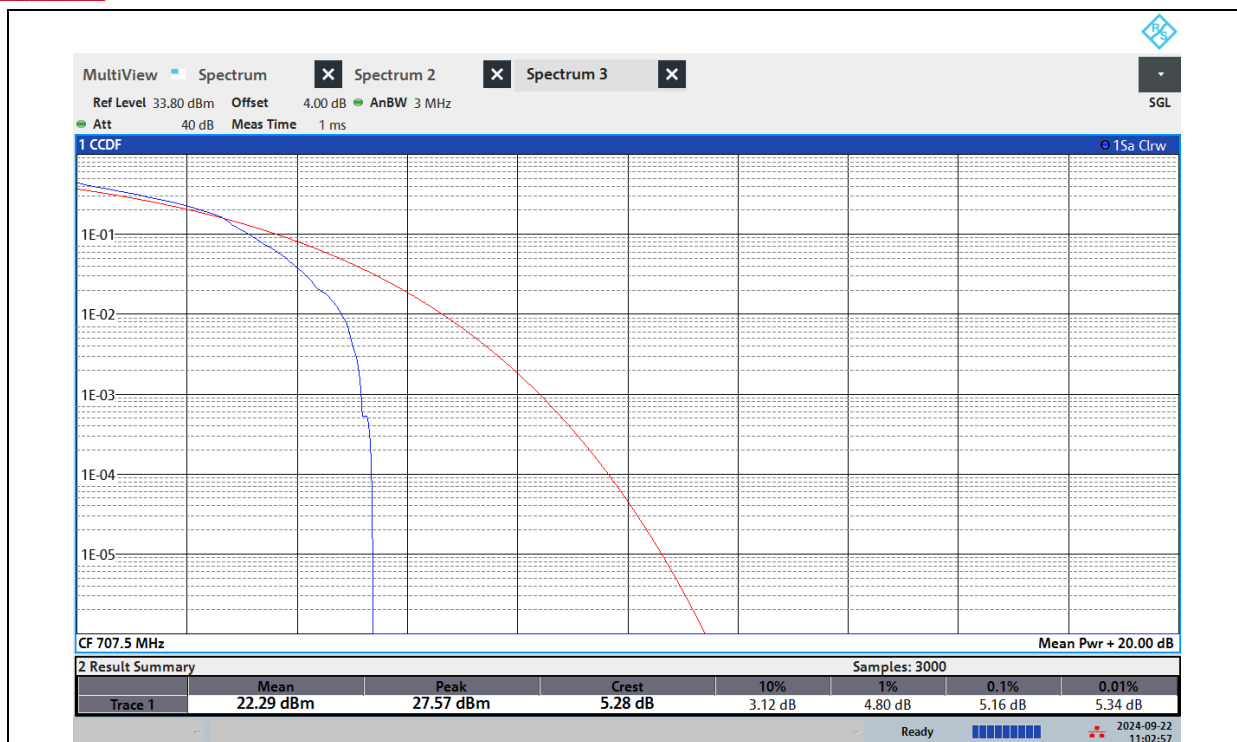




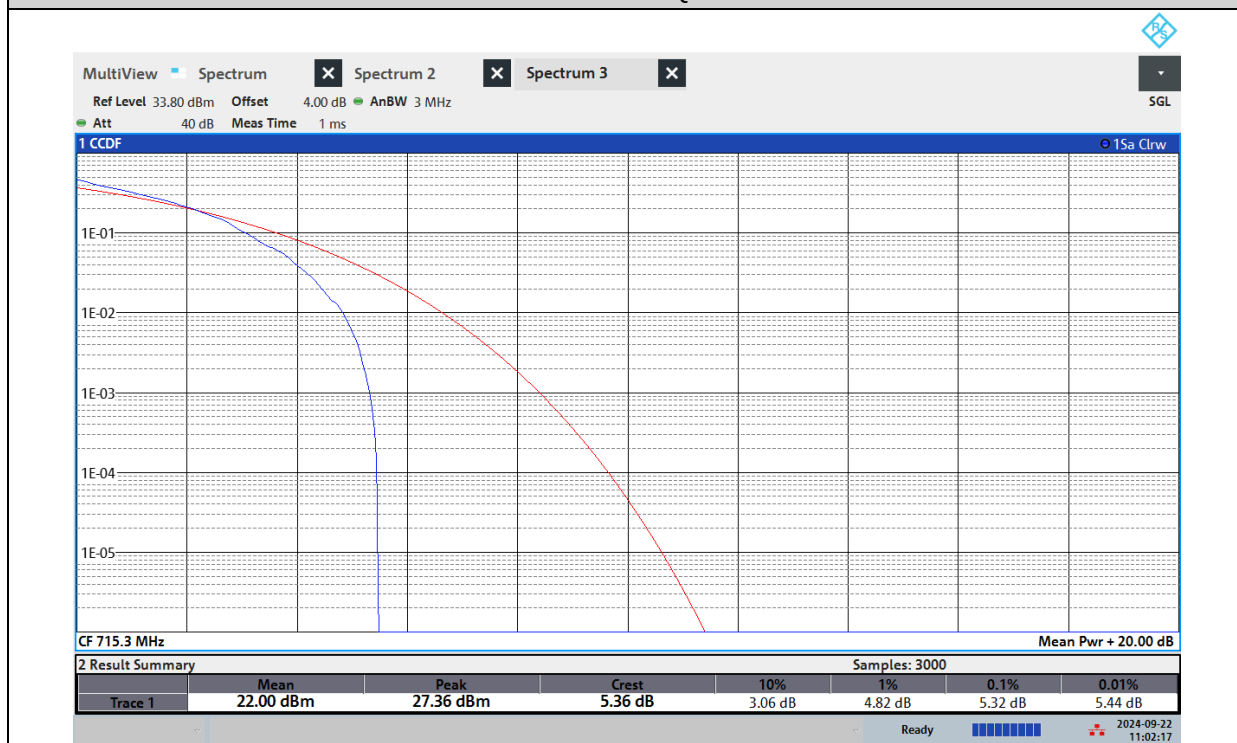
Band12-1.4MHz-16QAM-23017



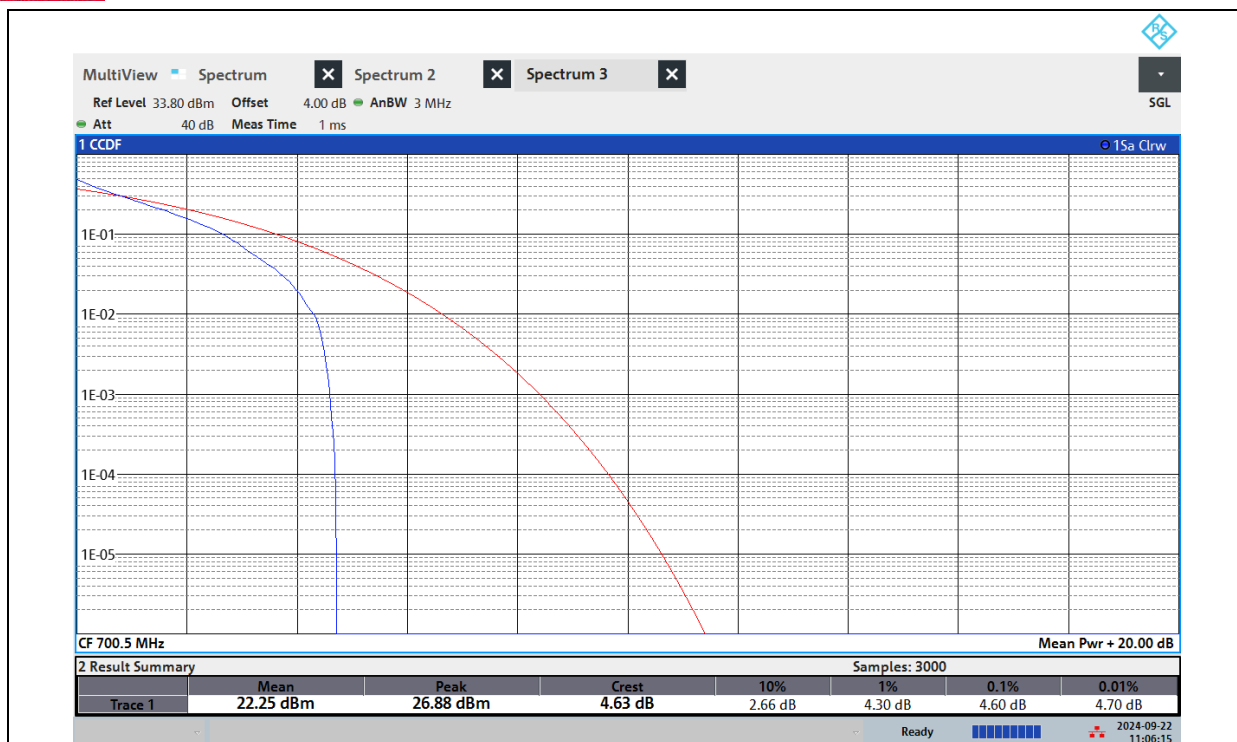
Band12-1.4MHz-16QAM-23095



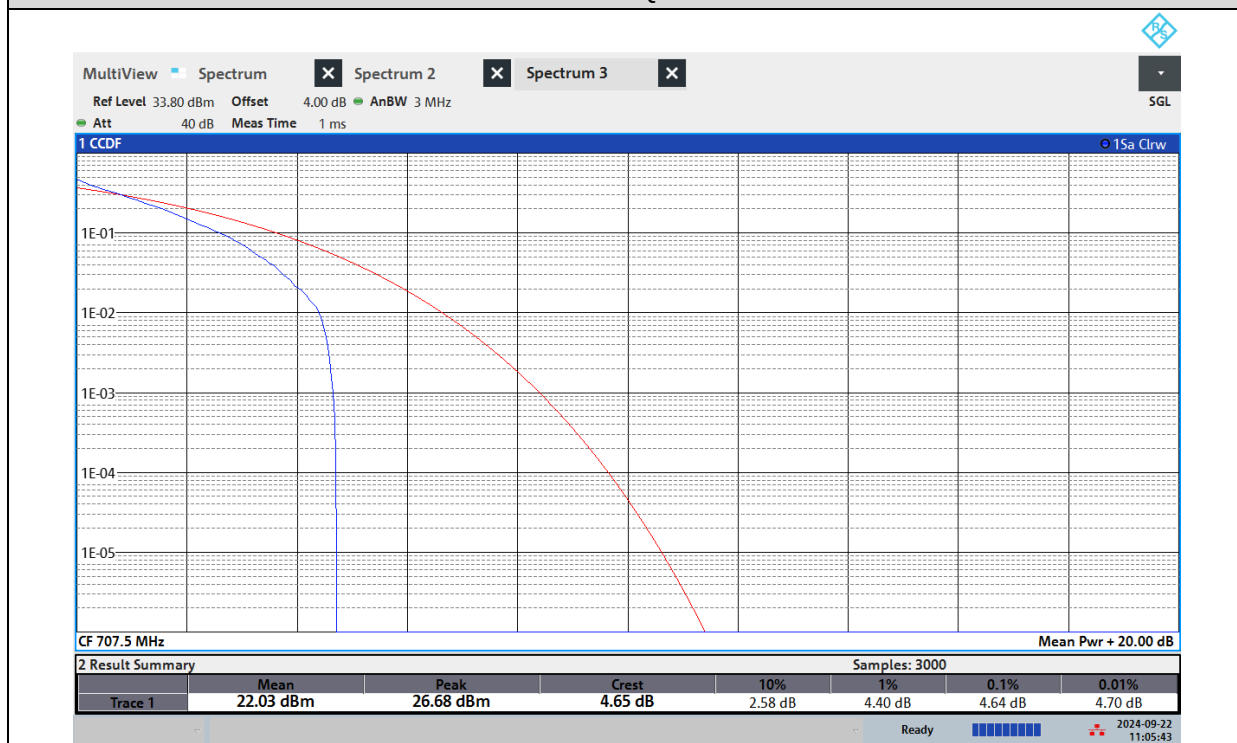
Band12-1.4MHz-16QAM-23173



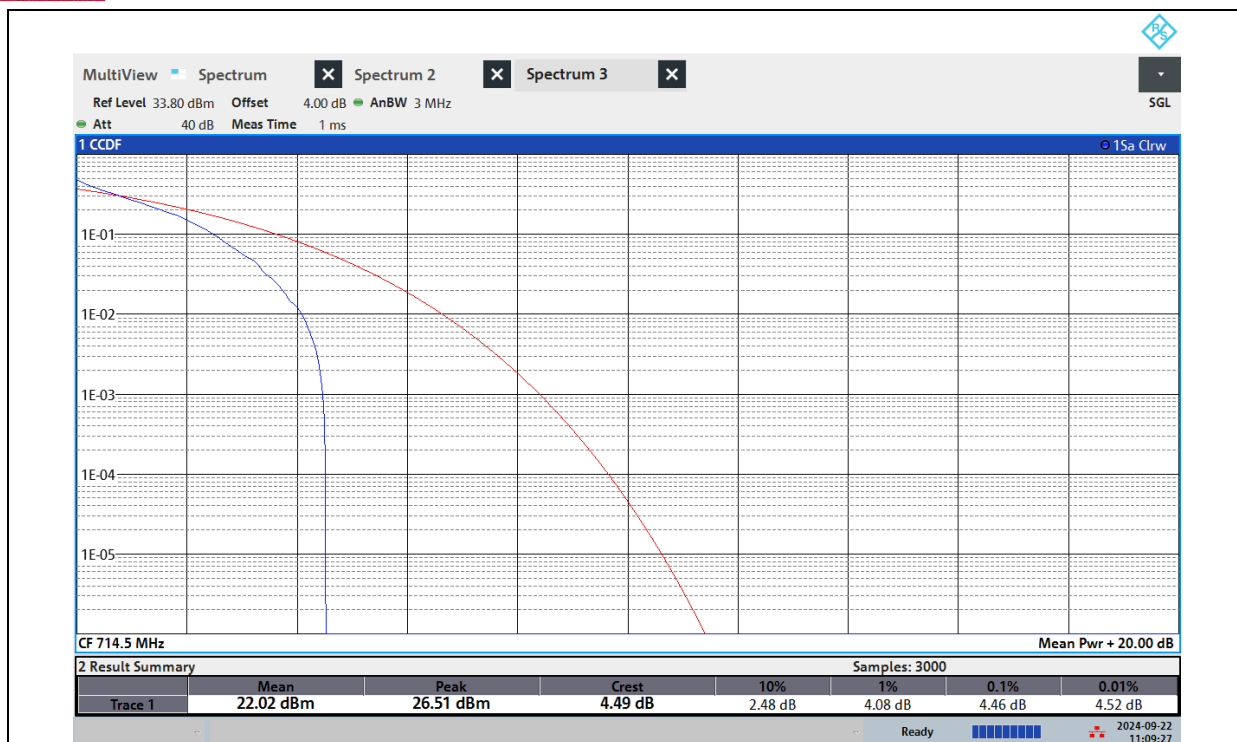
Band12-3MHz-QPSK-23025



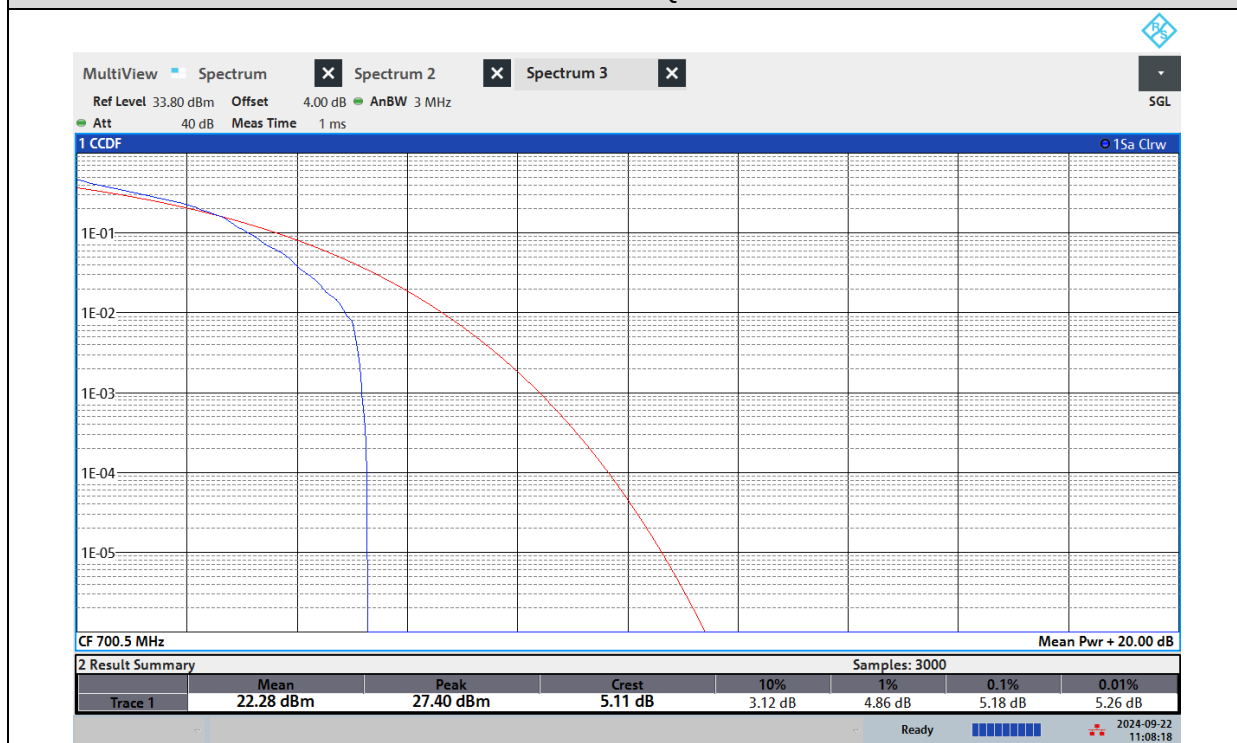
Band12-3MHz-QPSK-23095



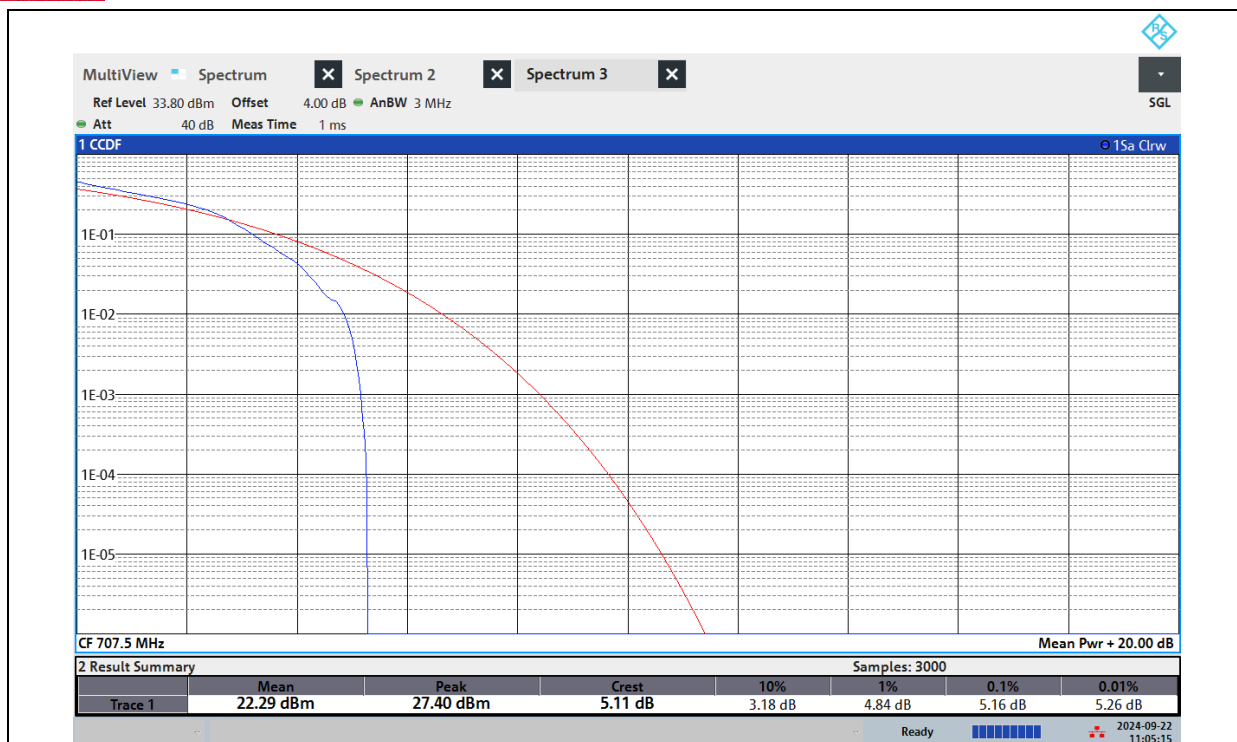
Band12-3MHz-QPSK-23165



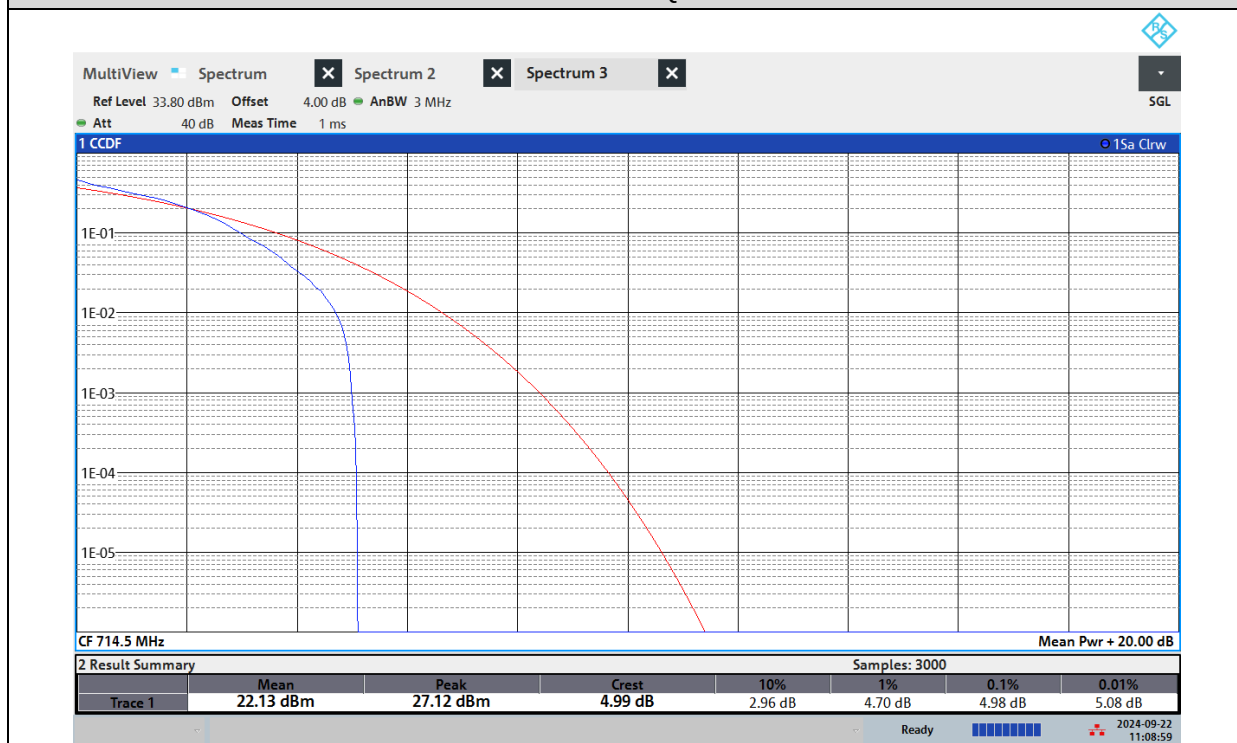
Band12-3MHz-16QAM-23025



Band12-3MHz-16QAM-23095



Band12-3MHz-16QAM-23165

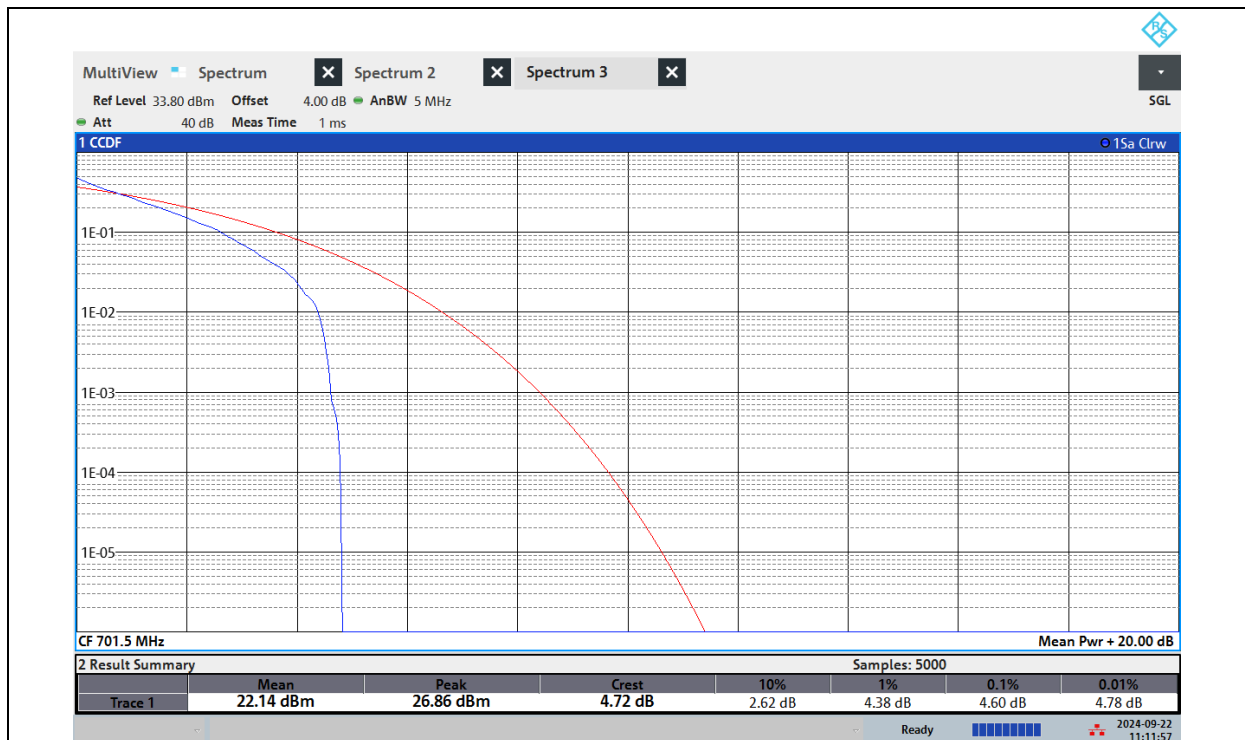


Band12-5MHz-QPSK-23035

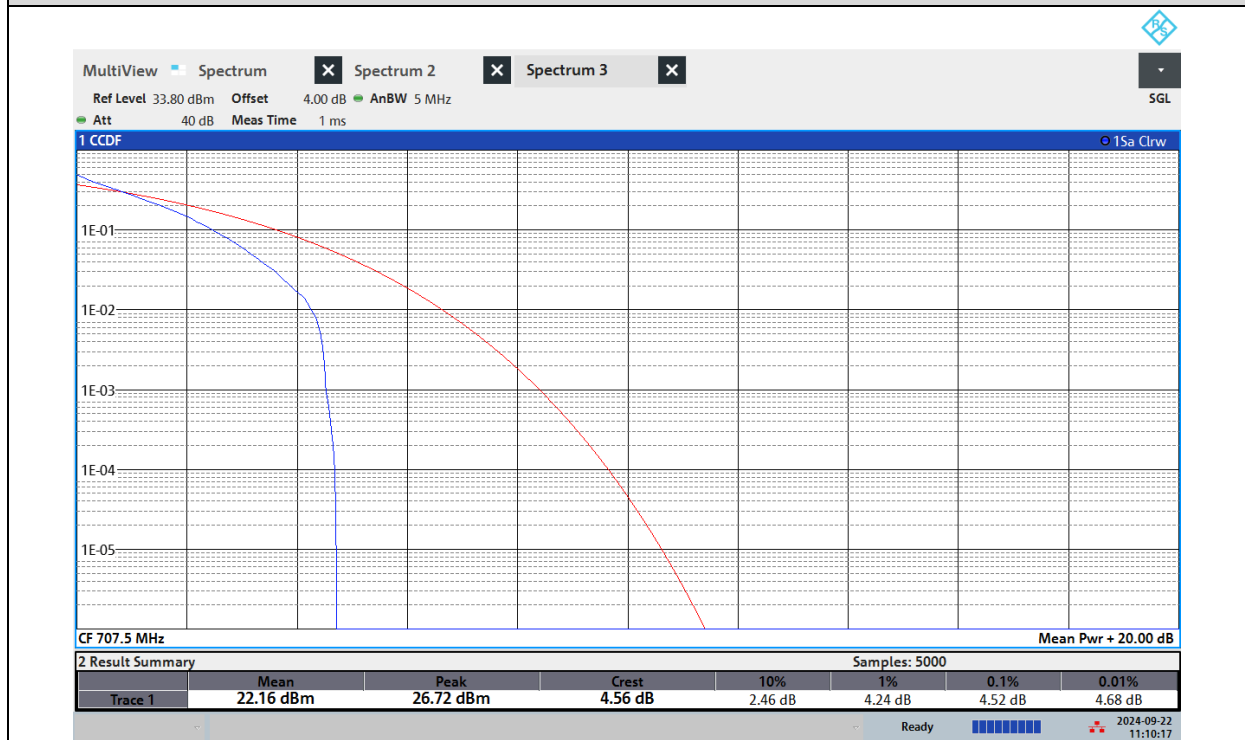


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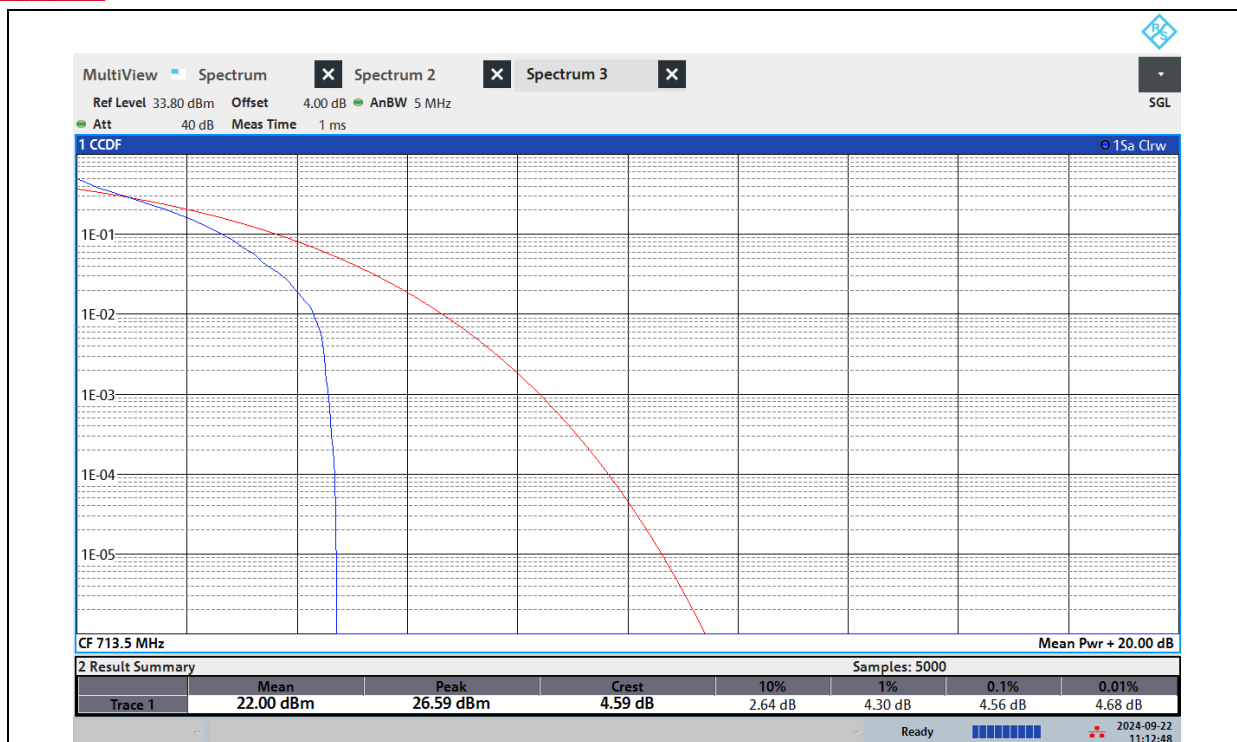
Test Report No.: PSU-QBJ2408220111RF03



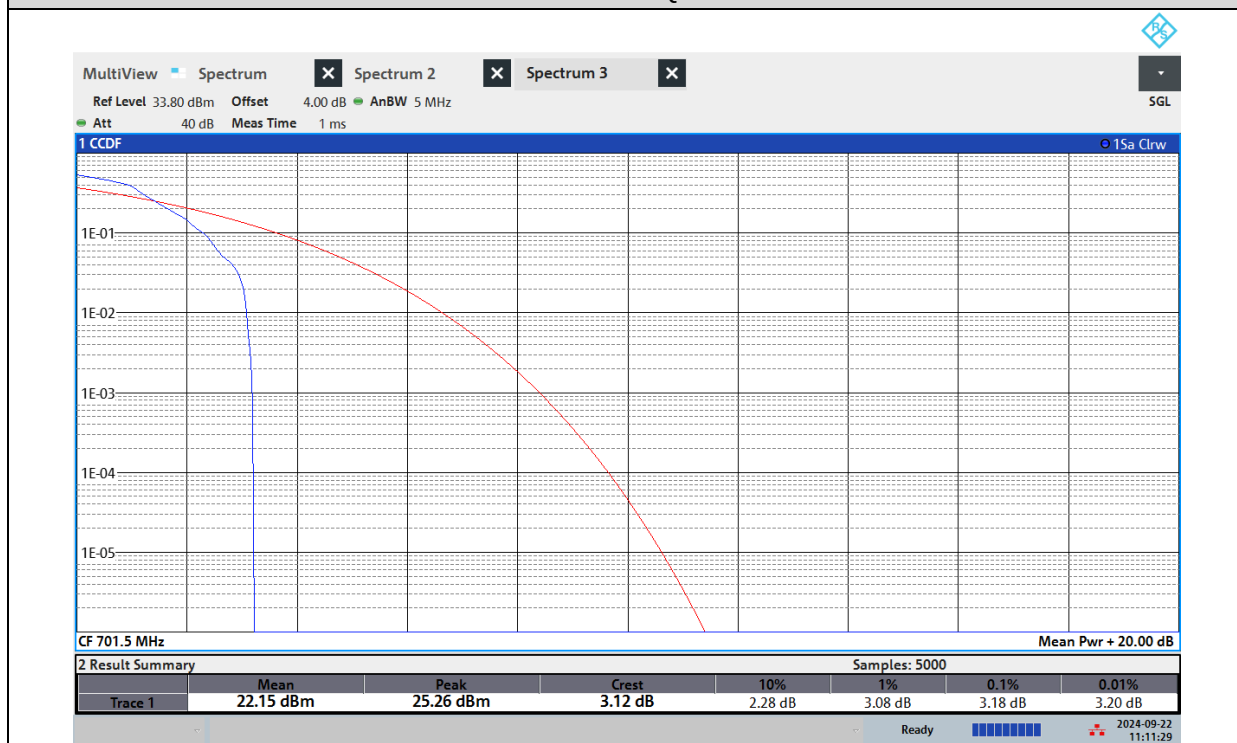
Band12-5MHz-QPSK-23095



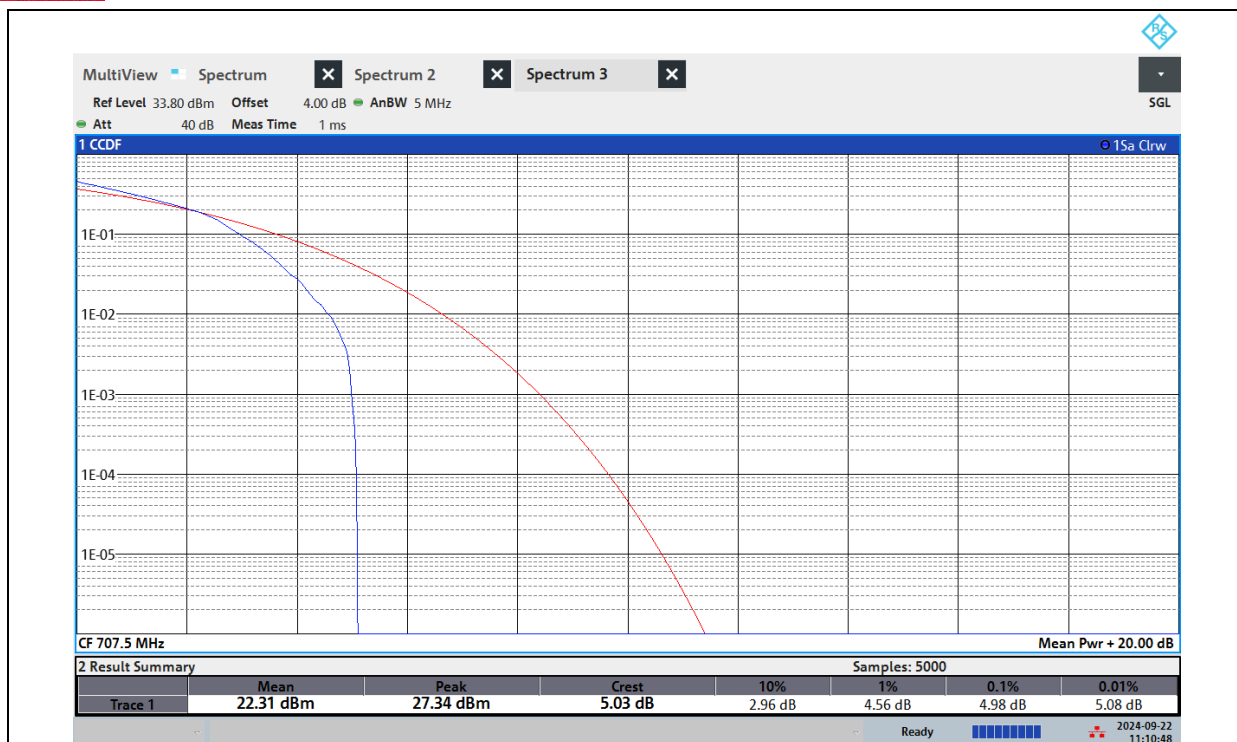
Band12-5MHz-QPSK-23155



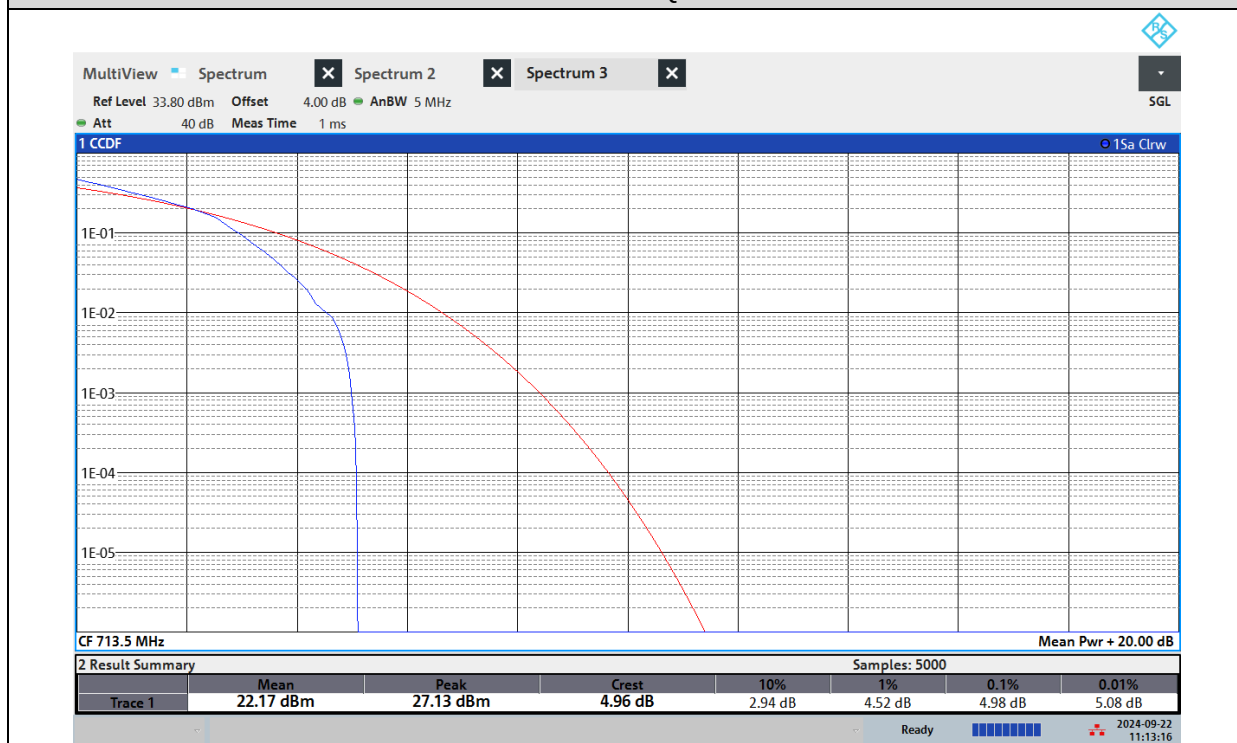
Band12-5MHz-16QAM-23035



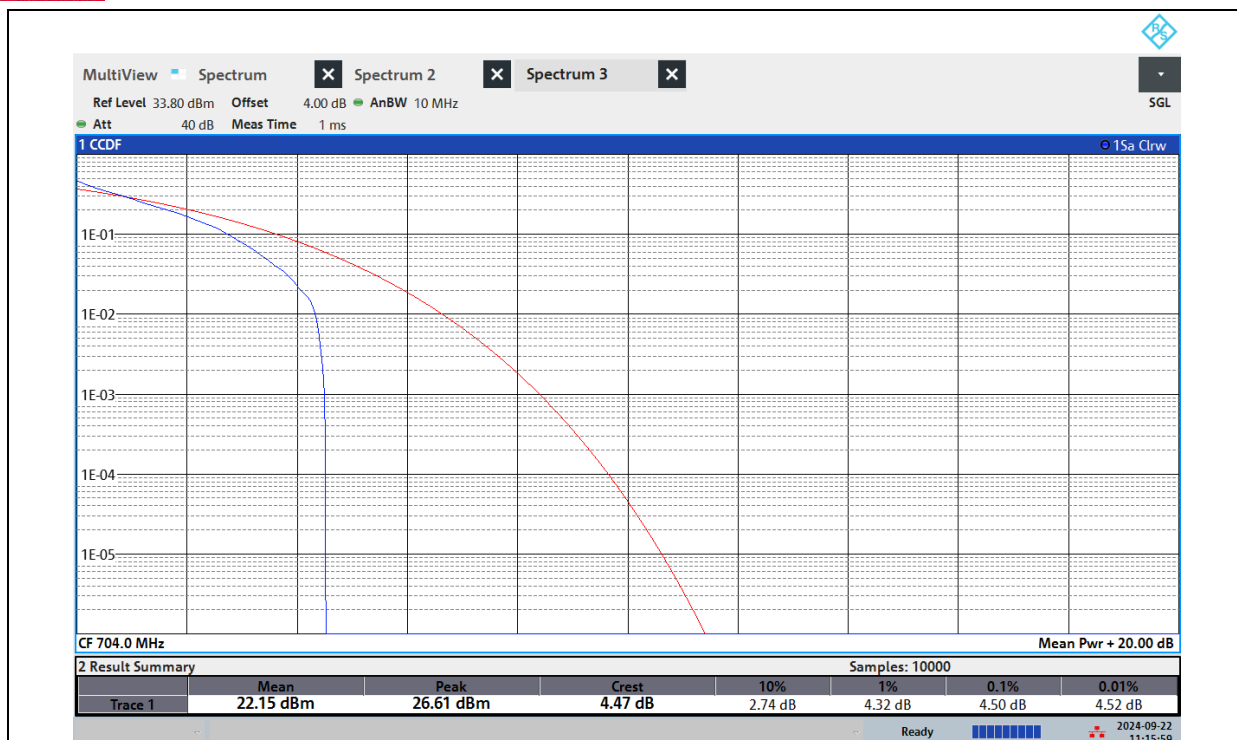
Band12-5MHz-16QAM-23095



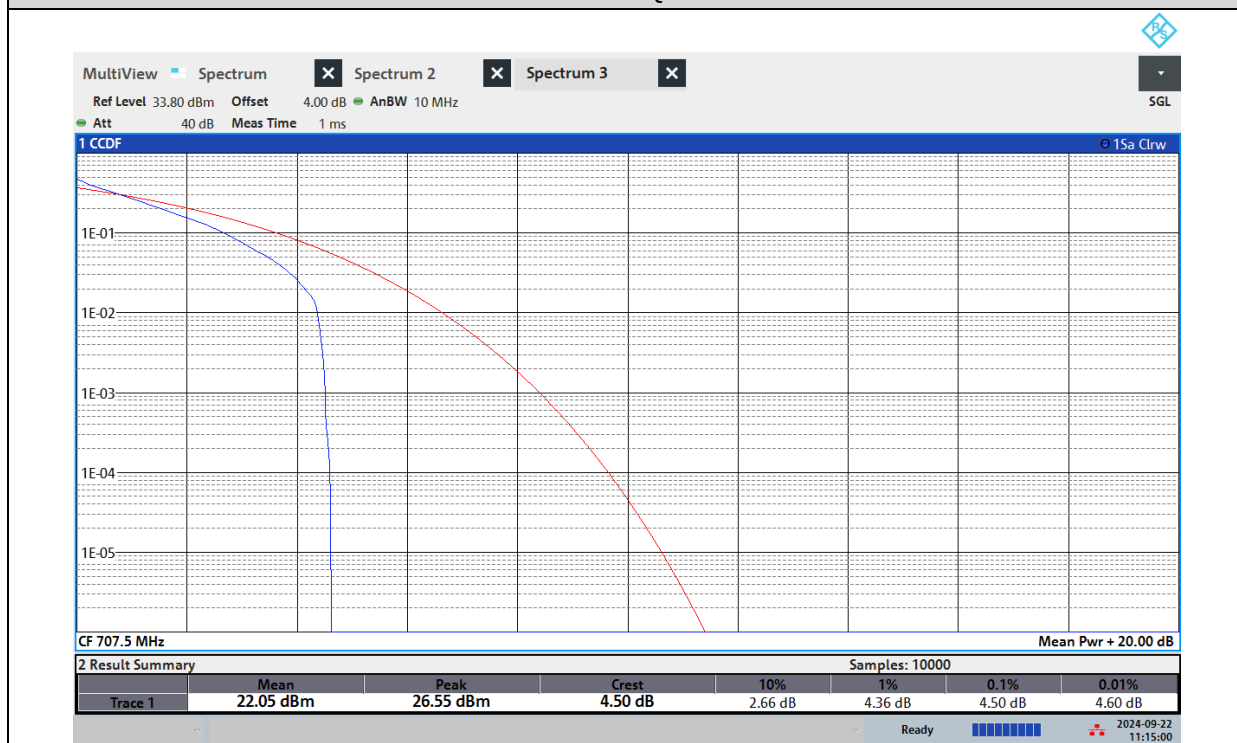
Band12-5MHz-16QAM-23155



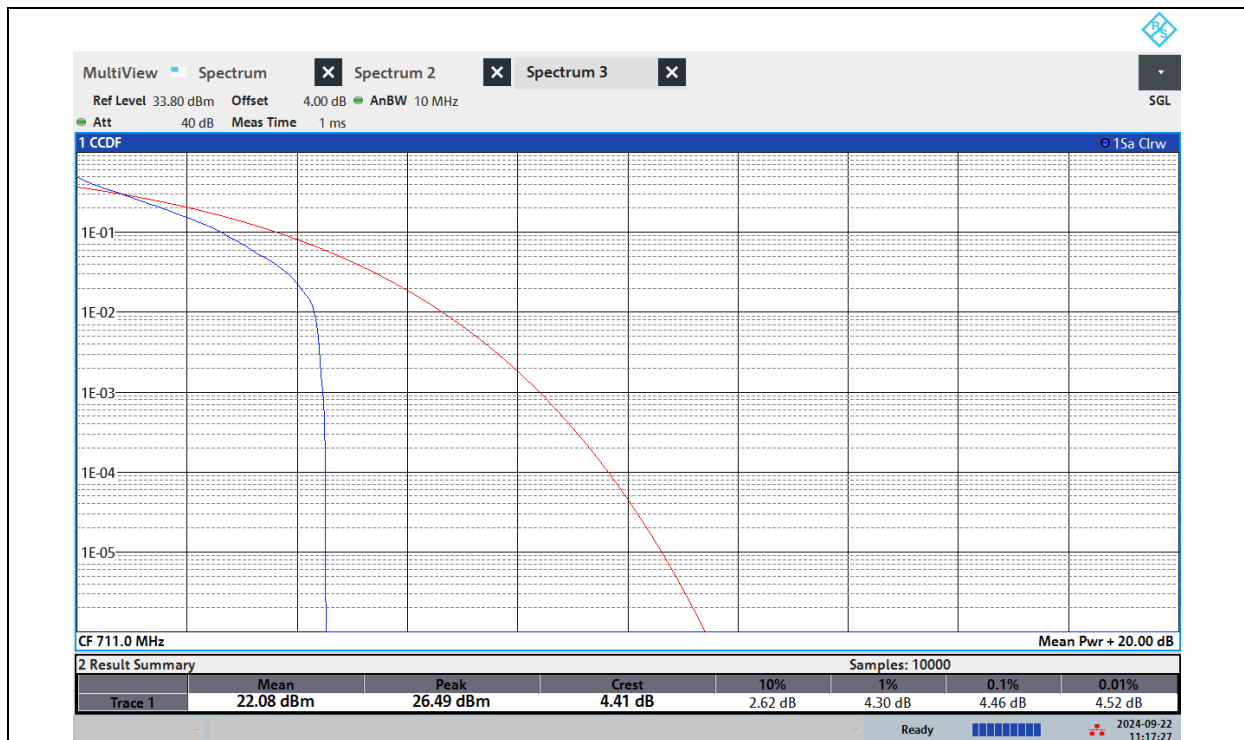
Band12-10MHz-QPSK-23060



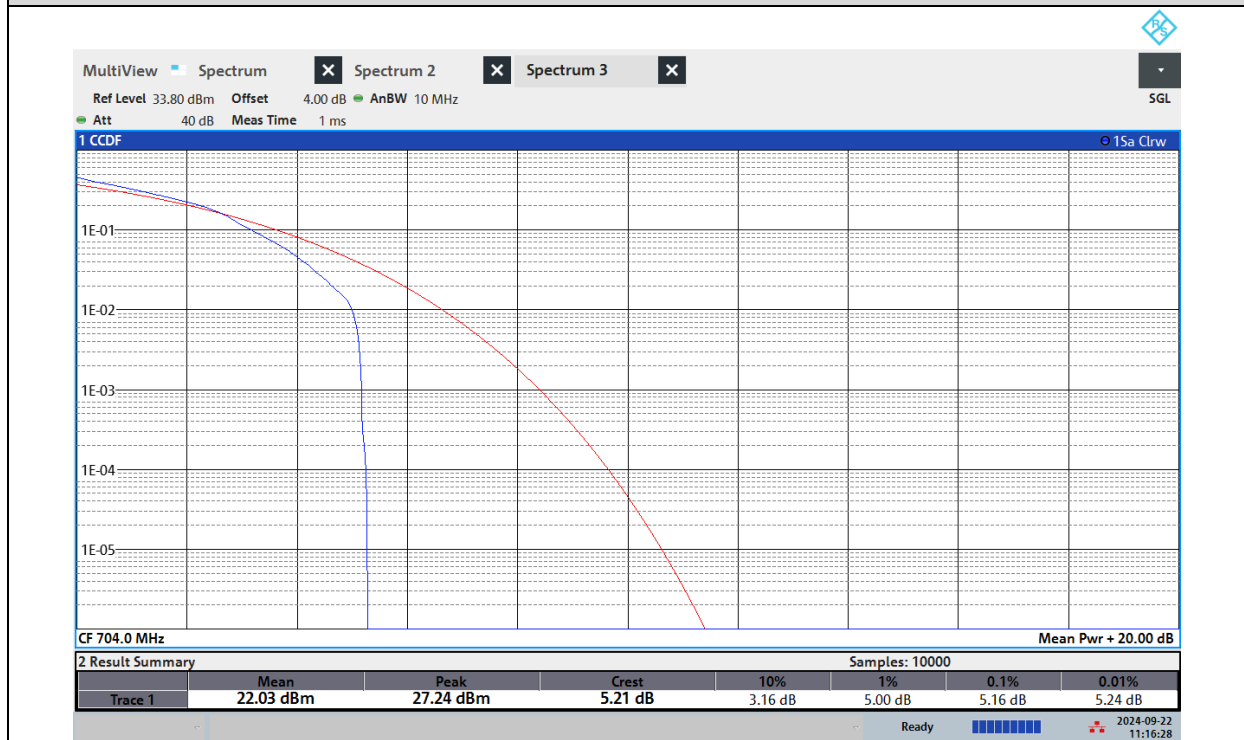
Band12-10MHz-QPSK-23095



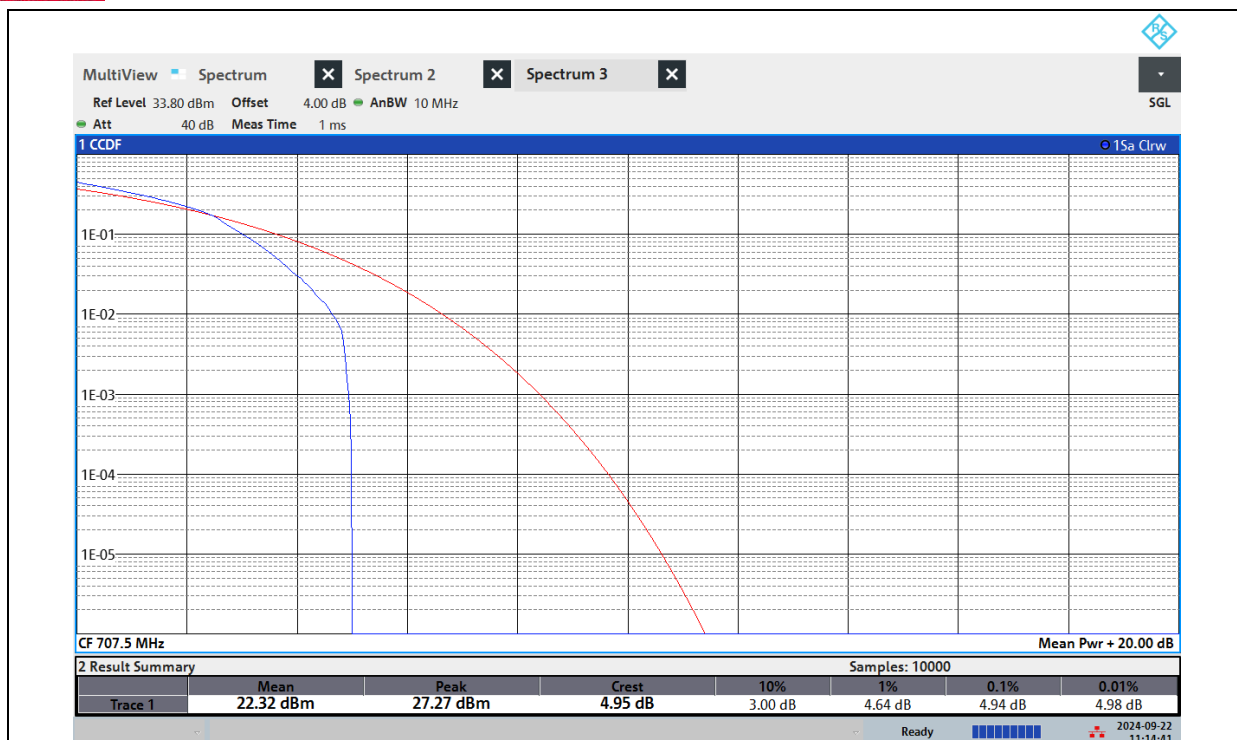
Band12-10MHz-QPSK-23130



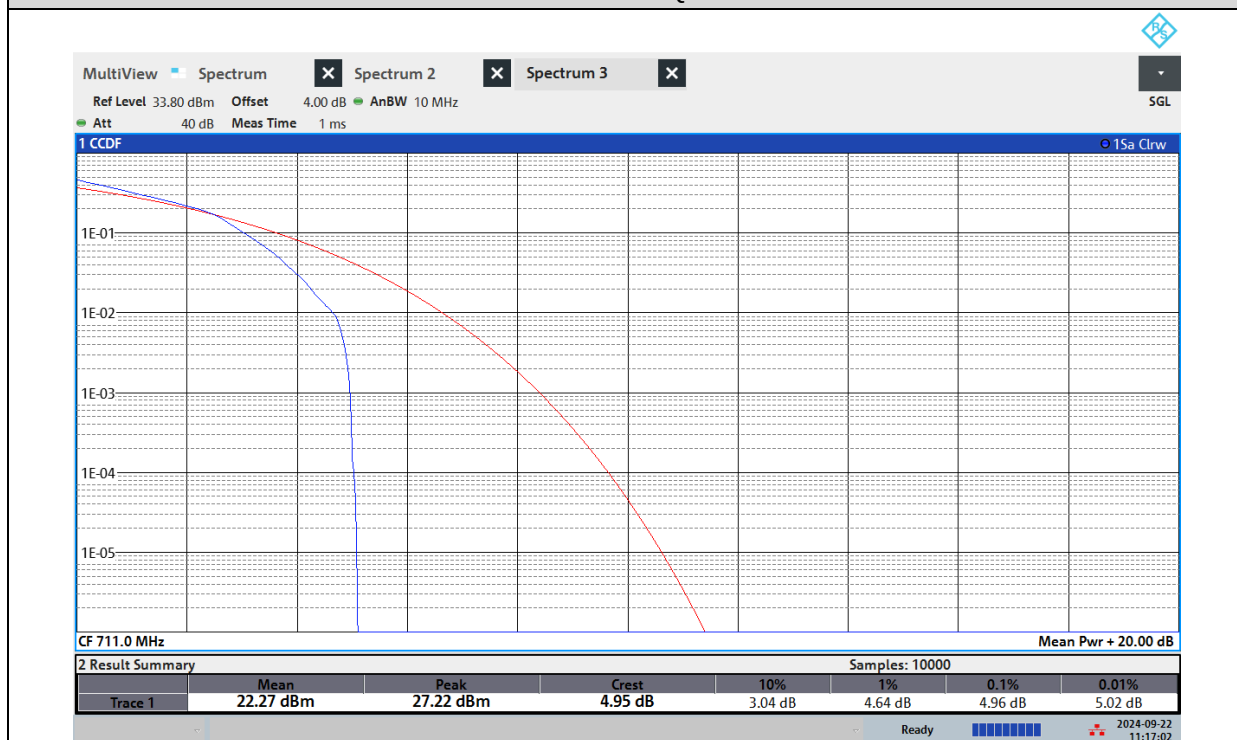
Band12-10MHz-16QAM-23060



Band12-10MHz-16QAM-23095



Band12-10MHz-16QAM-23130



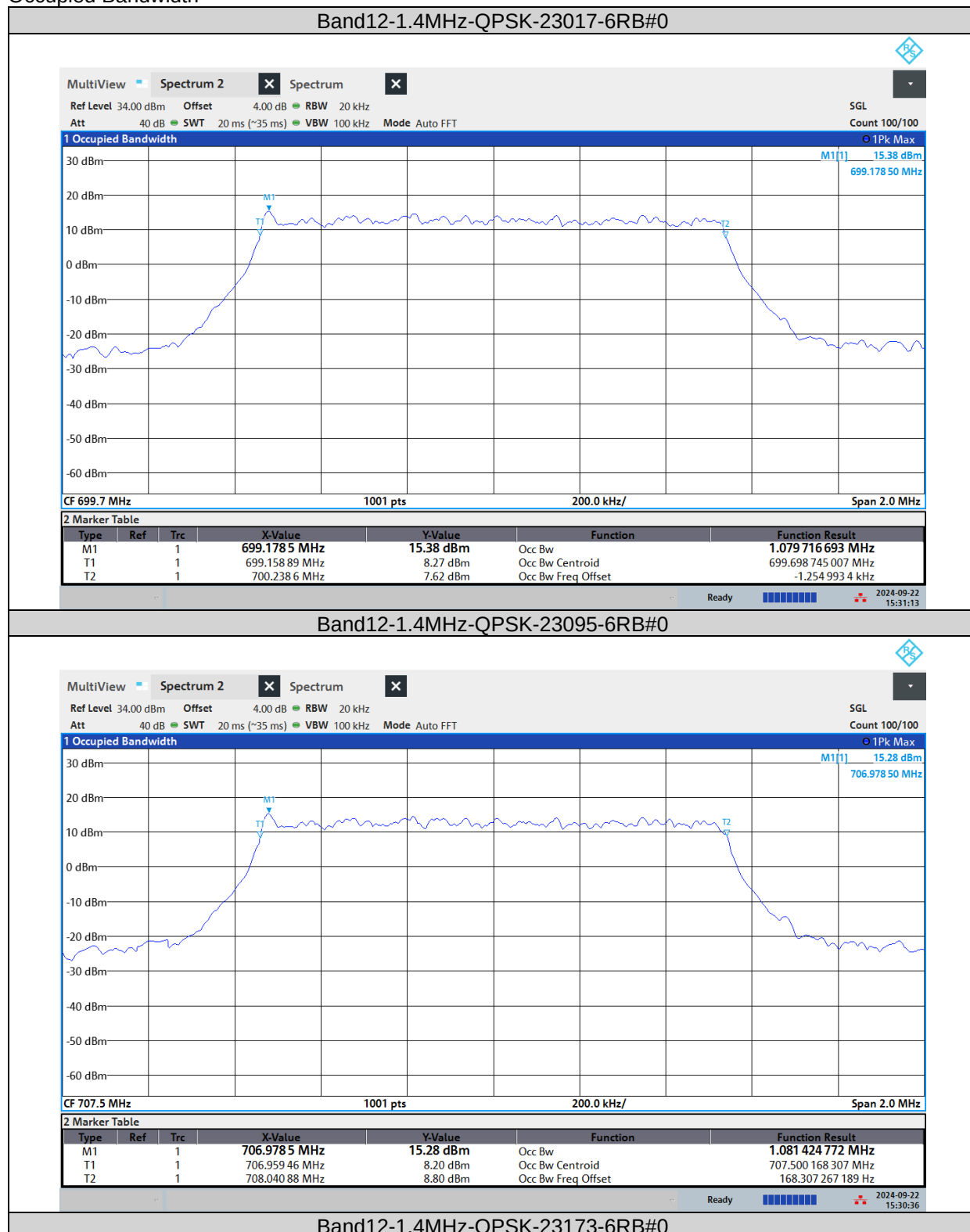
26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.080	1.25	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.081	1.26	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.082	1.26	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.079	1.29	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.078	1.28	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.079	1.28	PASS
Band12	3MHz	QPSK	23025	6RB#0	1.086	1.35	PASS
Band12	3MHz	QPSK	23095	6RB#0	1.086	1.34	PASS
Band12	3MHz	QPSK	23165	6RB#0	1.087	1.35	PASS
Band12	3MHz	16QAM	23025	6RB#0	1.087	1.39	PASS
Band12	3MHz	16QAM	23095	6RB#0	1.086	1.39	PASS
Band12	3MHz	16QAM	23165	6RB#0	1.088	1.40	PASS
Band12	5MHz	QPSK	23035	6RB#0	1.100	1.36	PASS
Band12	5MHz	QPSK	23095	6RB#0	1.099	1.36	PASS
Band12	5MHz	QPSK	23155	6RB#0	1.099	1.36	PASS
Band12	5MHz	16QAM	23035	6RB#0	1.087	1.44	PASS
Band12	5MHz	16QAM	23095	6RB#0	1.086	1.42	PASS
Band12	5MHz	16QAM	23155	6RB#0	1.103	1.43	PASS
Band12	10MHz	QPSK	23060	6RB#0	1.096	1.56	PASS
Band12	10MHz	QPSK	23095	6RB#0	1.097	1.47	PASS
Band12	10MHz	QPSK	23130	6RB#0	1.095	1.48	PASS
Band12	10MHz	16QAM	23060	6RB#0	1.119	1.61	PASS
Band12	10MHz	16QAM	23095	6RB#0	1.117	1.61	PASS
Band12	10MHz	16QAM	23130	6RB#0	1.120	1.61	PASS

Test Graphs

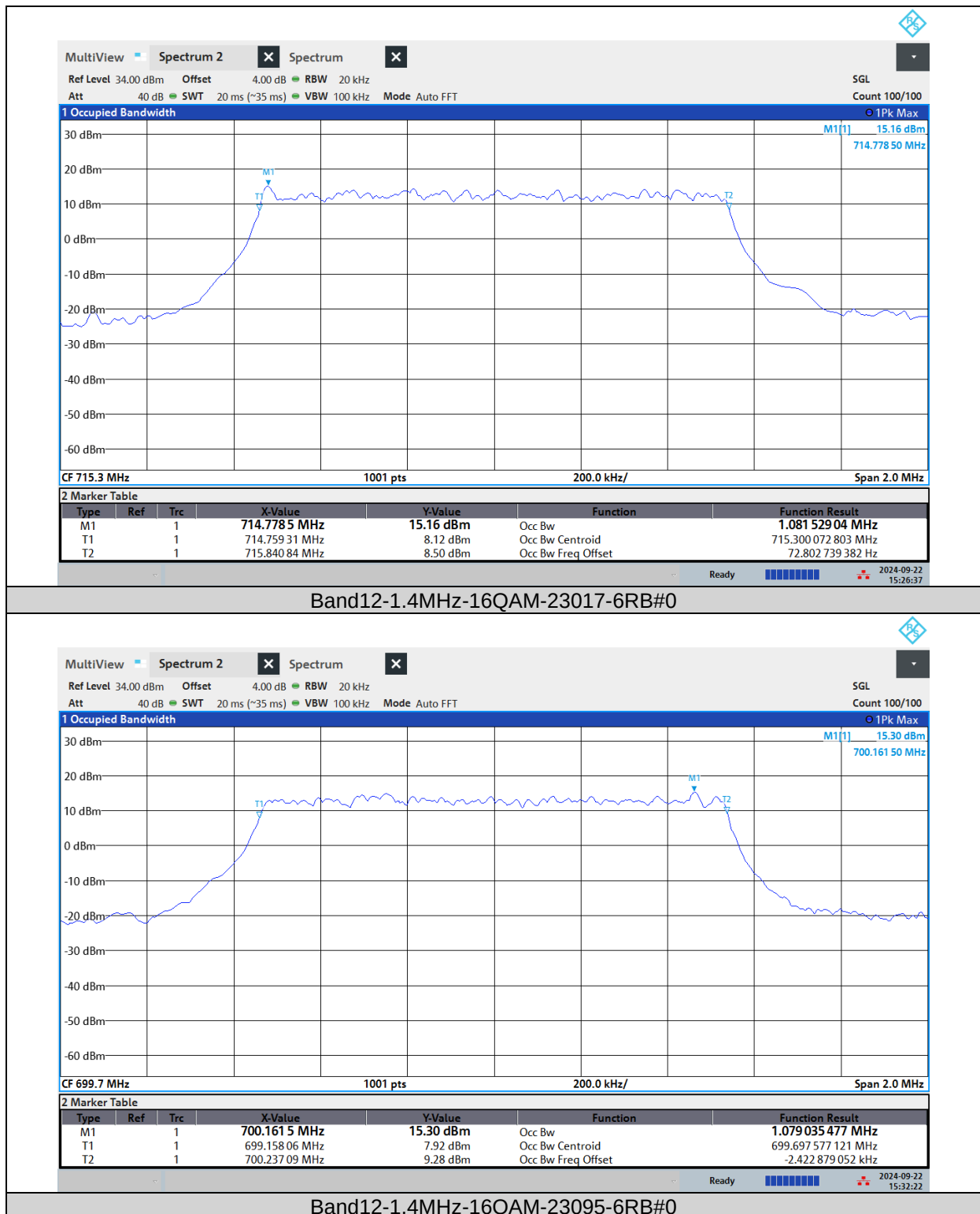
Occupied Bandwidth





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VERITAS

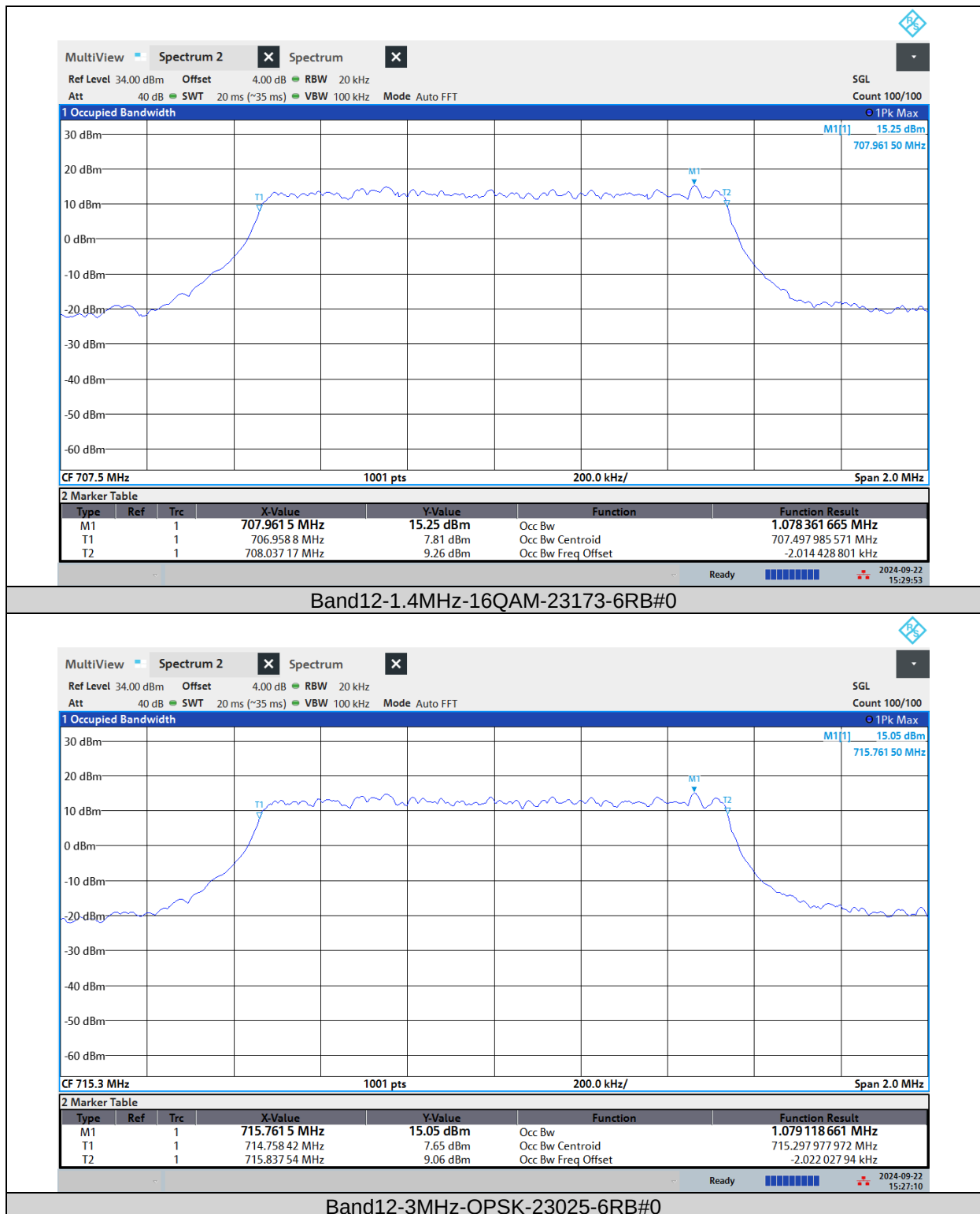
Test Report No.: PSU-QBJ2408220111RF03





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Test Report No.: PSU-QBJ2408220111RF03





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Test Report No.: PSU-QBJ2408220111RF03





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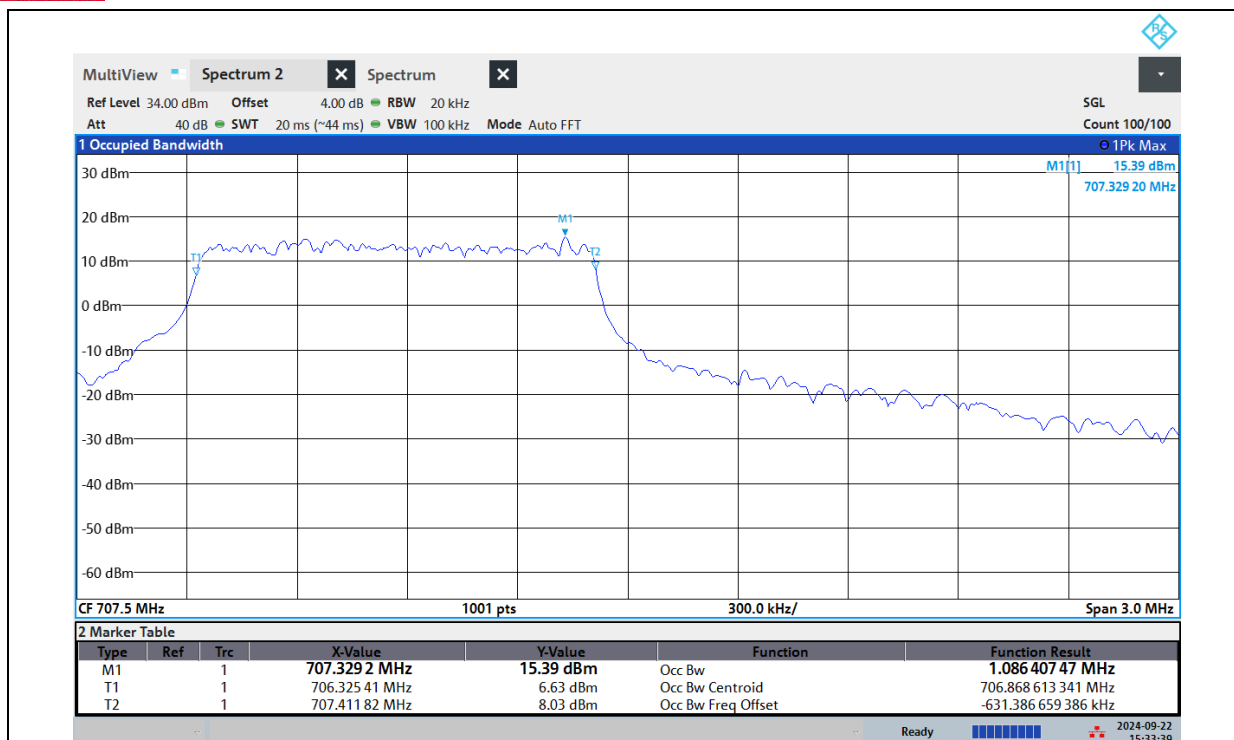
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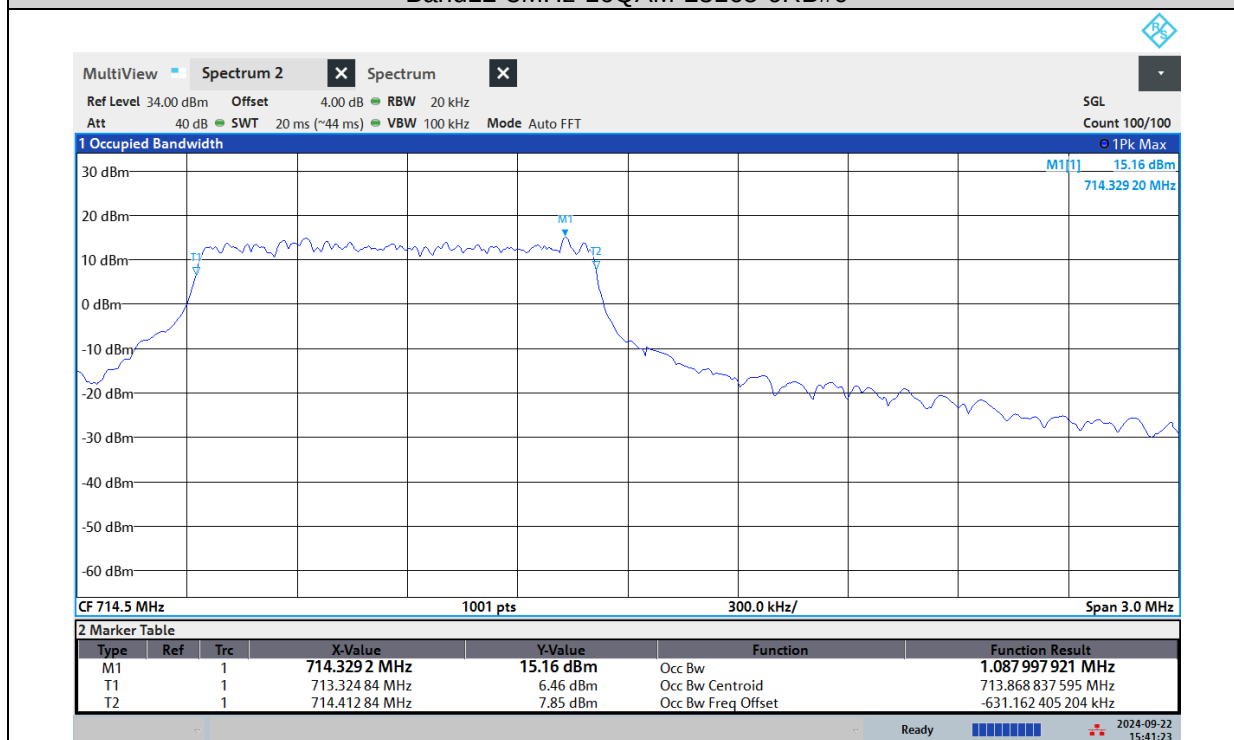


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Test Report No.: PSU-QBJ2408220111RF03



Band12-3MHz-16QAM-23165-6RB#0

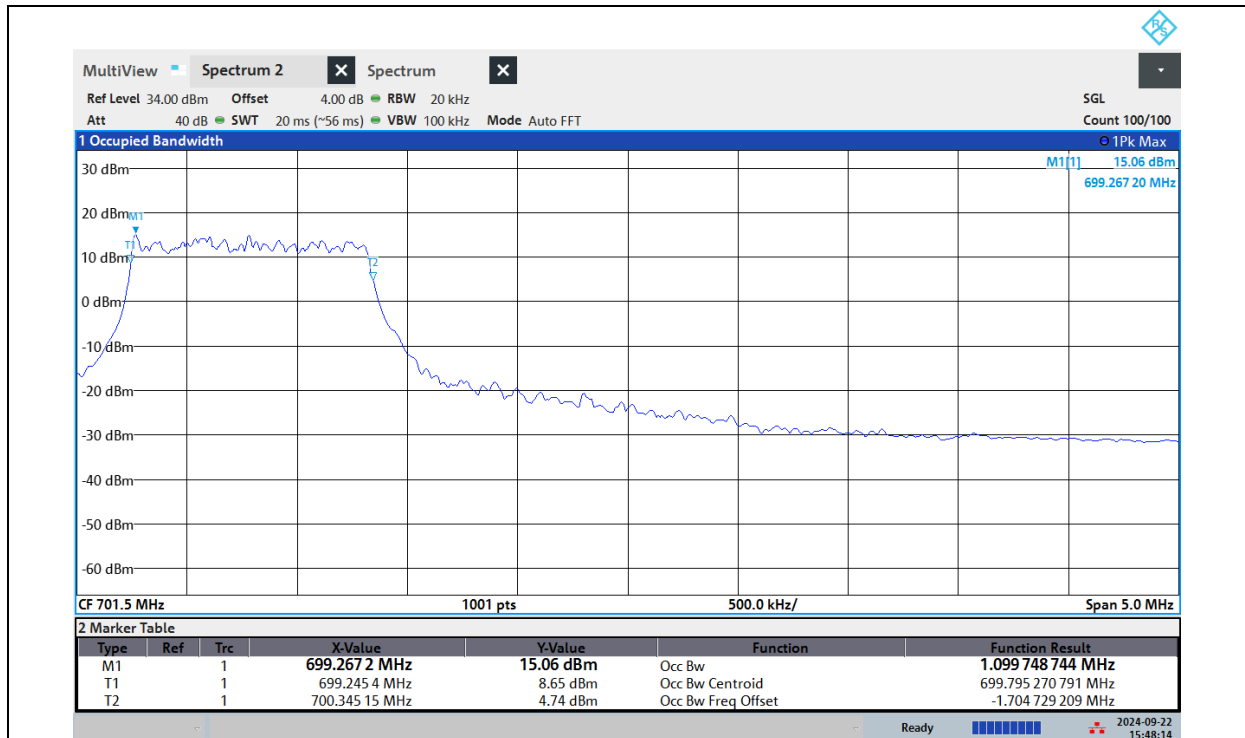


Band12-5MHz-QPSK-23035-6RB#0

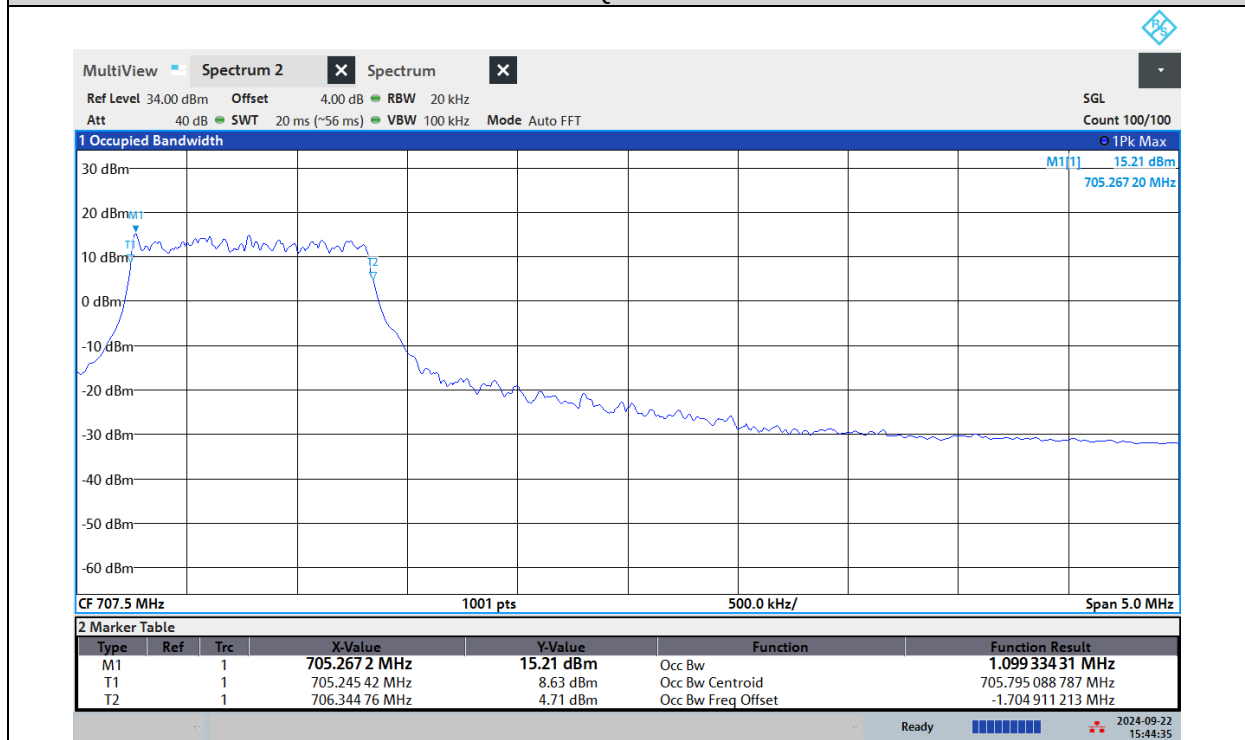


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Test Report No.: PSU-QBJ2408220111RF03



Band12-5MHz-QPSK-23095-6RB#0



Band12-5MHz-QPSK-23155-6RB#0



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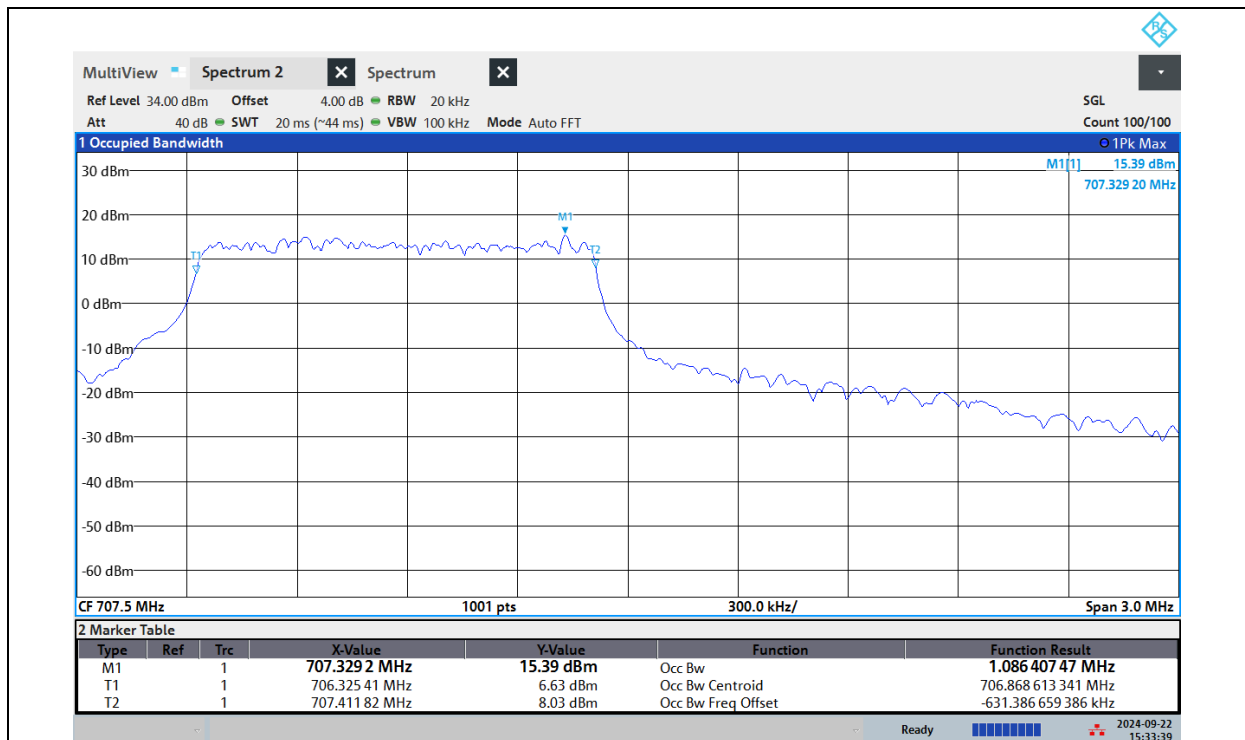
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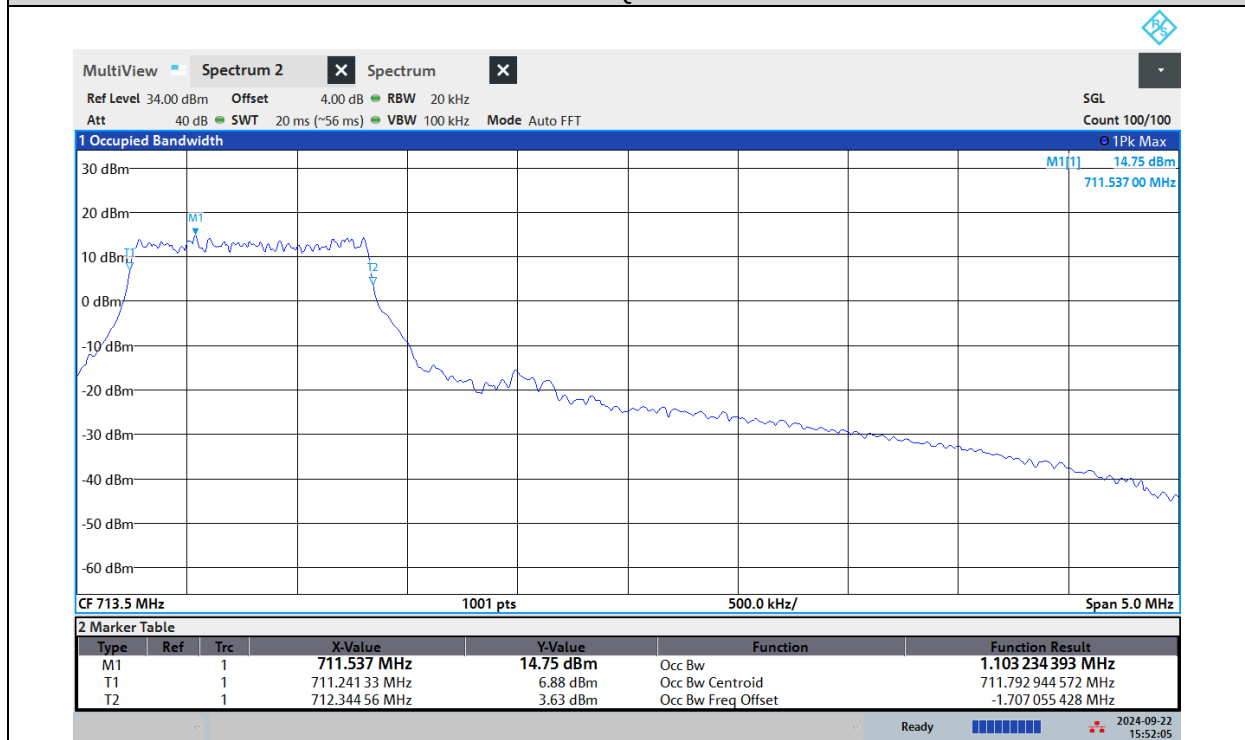


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Test Report No.: PSU-QBJ2408220111RF03



Band12-5MHz-16QAM-23155-6RB#0



Band12-10MHz-QPSK-23060-6RB#0



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Test Report No.: PSU-QBJ2408220111RF03





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Test Report No.: PSU-QBJ2408220111RF03





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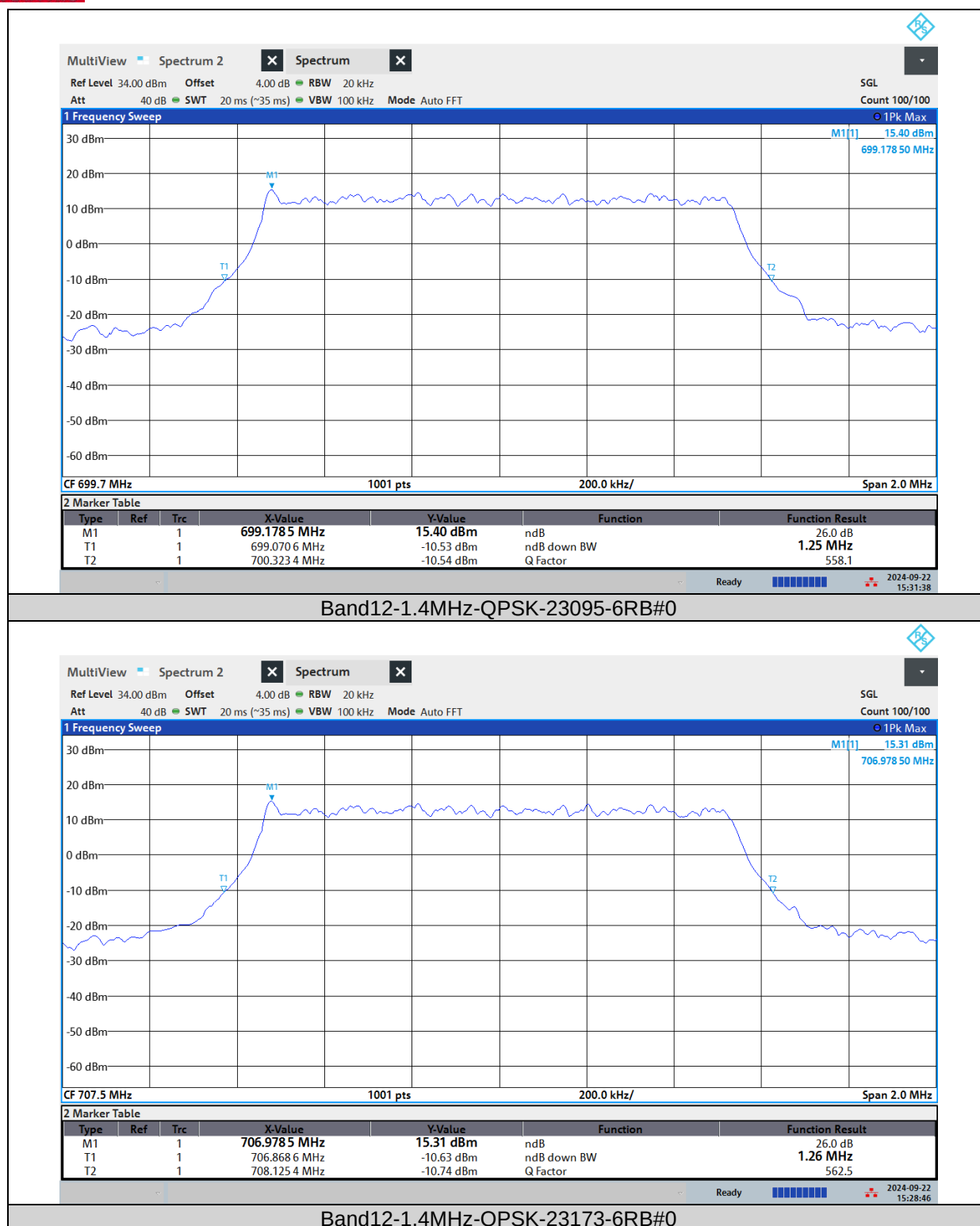
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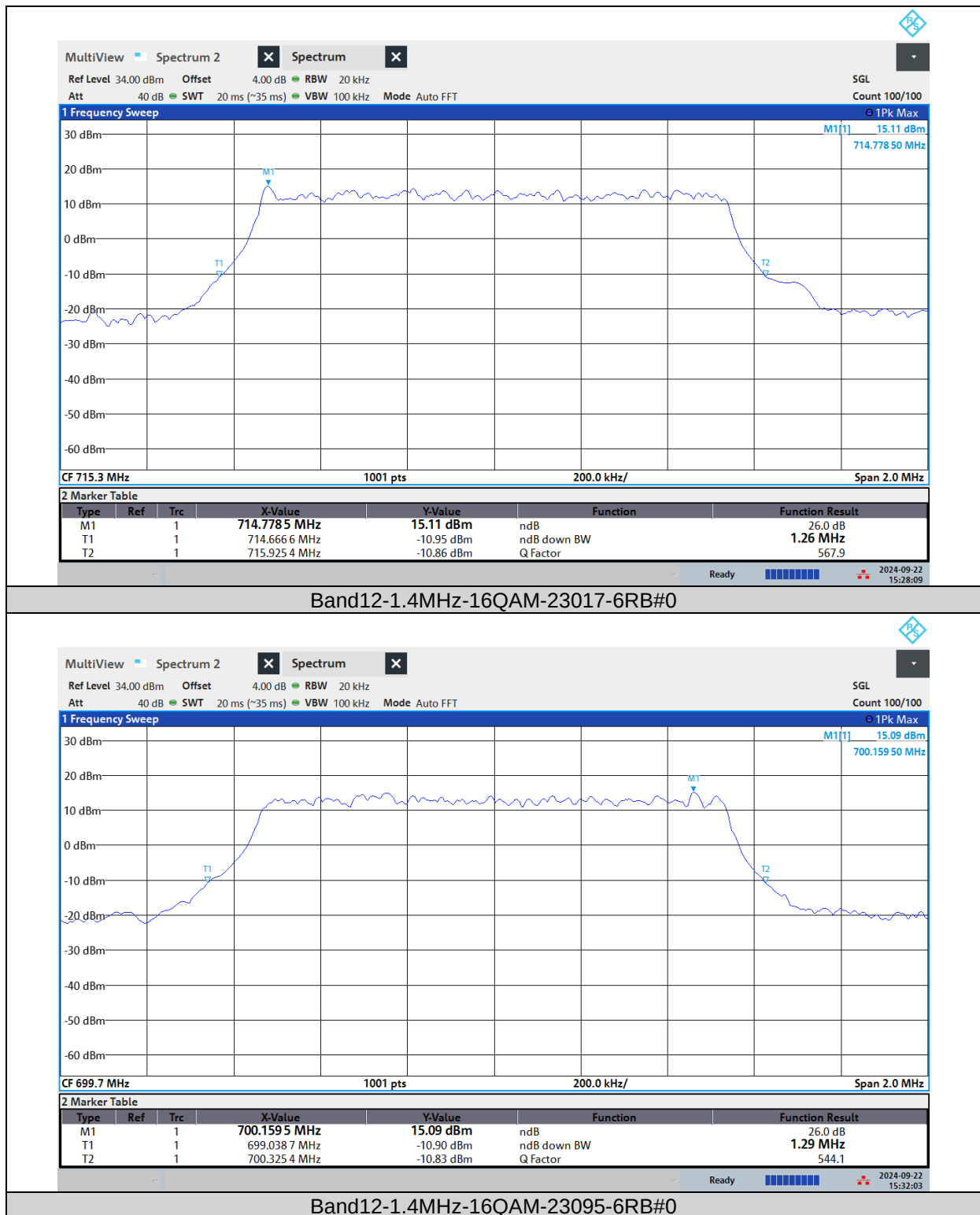
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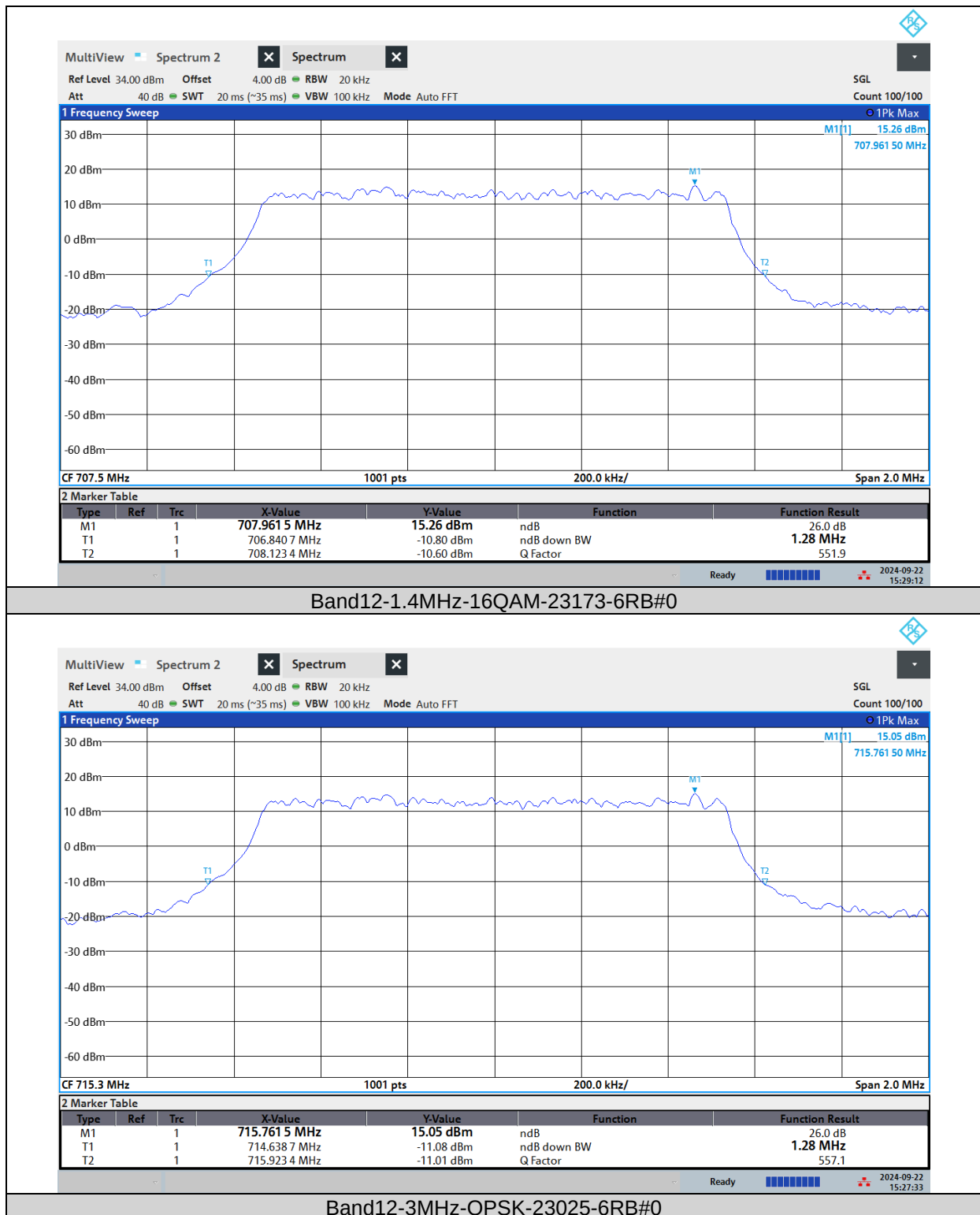
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Test Report No.: PSU-QBJ2408220111RF03





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Test Report No.: PSU-QBJ2408220111RF03





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Test Report No.: PSU-QBJ2408220111RF03





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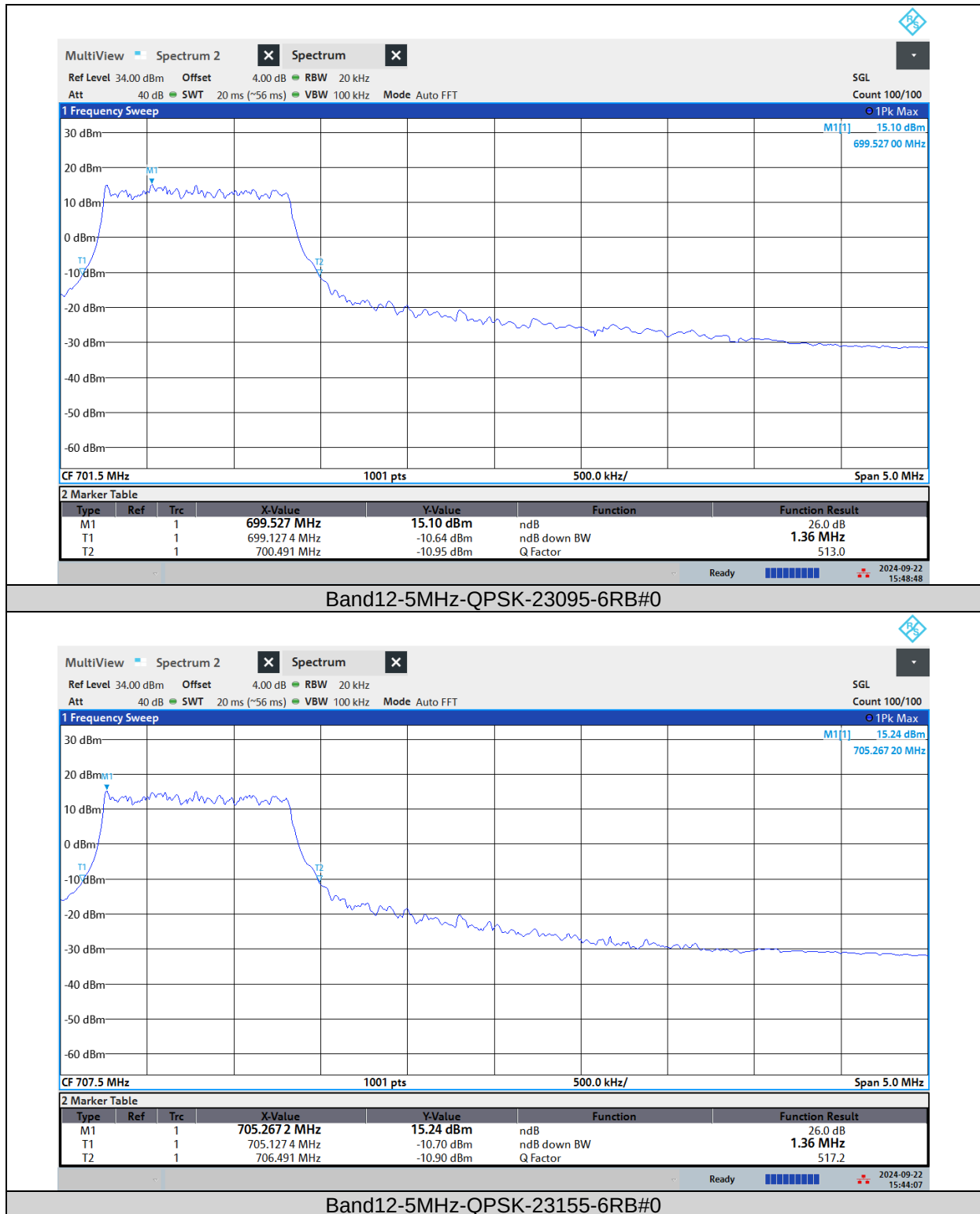
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Test Report No.: PSU-QBJ2408220111RF03





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Test Report No.: PSU-QBJ2408220111RF03





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Test Report No.: PSU-QBJ2408220111RF03





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Test Report No.: PSU-QBJ2408220111RF03



BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	See Graph	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	See Graph	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	See Graph	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	See Graph	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	See Graph	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	See Graph	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	See Graph	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	See Graph	PASS
Band12	3MHz	QPSK	23025	1RB#0	See Graph	PASS
Band12	3MHz	QPSK	23025	6RB#0	See Graph	PASS
Band12	3MHz	QPSK	23165	1RB#5	See Graph	PASS
Band12	3MHz	QPSK	23165	6RB#0	See Graph	PASS
Band12	3MHz	16QAM	23025	1RB#0	See Graph	PASS
Band12	3MHz	16QAM	23025	6RB#0	See Graph	PASS
Band12	3MHz	16QAM	23165	1RB#5	See Graph	PASS
Band12	3MHz	16QAM	23165	6RB#0	See Graph	PASS
Band12	5MHz	QPSK	23035	1RB#0	See Graph	PASS
Band12	5MHz	QPSK	23035	6RB#0	See Graph	PASS
Band12	5MHz	QPSK	23155	1RB#5	See Graph	PASS
Band12	5MHz	QPSK	23155	6RB#0	See Graph	PASS
Band12	5MHz	16QAM	23035	1RB#0	See Graph	PASS
Band12	5MHz	16QAM	23035	6RB#0	See Graph	PASS
Band12	5MHz	16QAM	23155	1RB#5	See Graph	PASS
Band12	5MHz	16QAM	23155	6RB#0	See Graph	PASS
Band12	10MHz	QPSK	23060	1RB#0	See Graph	PASS
Band12	10MHz	QPSK	23060	6RB#0	See Graph	PASS
Band12	10MHz	QPSK	23130	1RB#5	See Graph	PASS
Band12	10MHz	QPSK	23130	6RB#0	See Graph	PASS
Band12	10MHz	16QAM	23060	1RB#0	See Graph	PASS
Band12	10MHz	16QAM	23060	6RB#0	See Graph	PASS
Band12	10MHz	16QAM	23130	1RB#5	See Graph	PASS
Band12	10MHz	16QAM	23130	6RB#0	See Graph	PASS

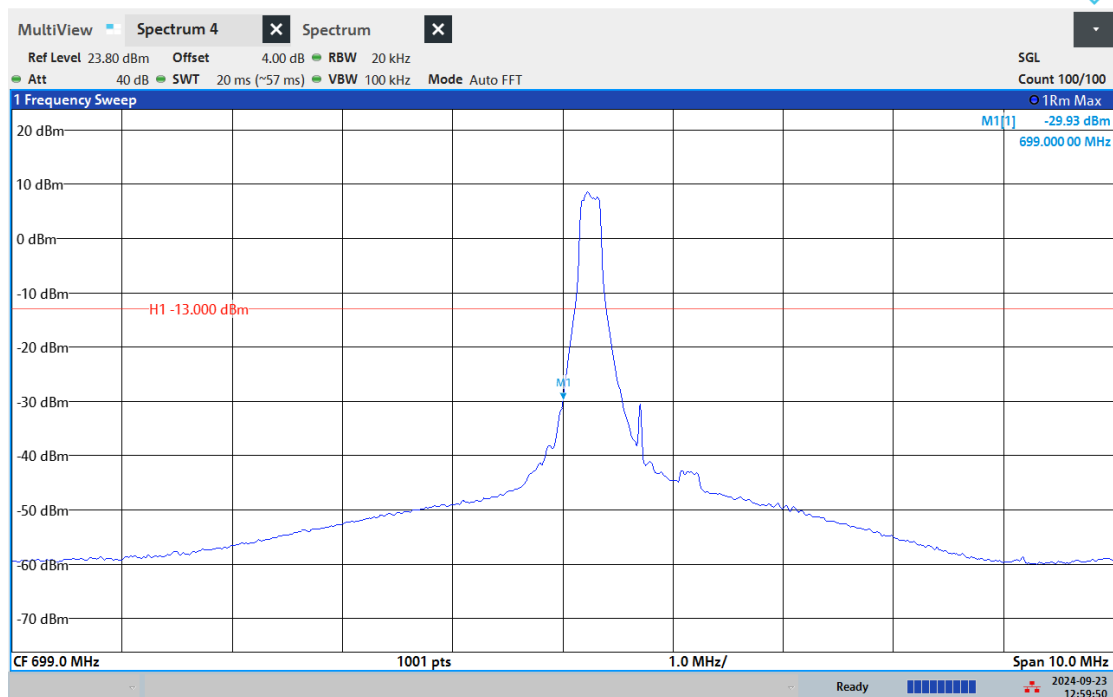
Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0

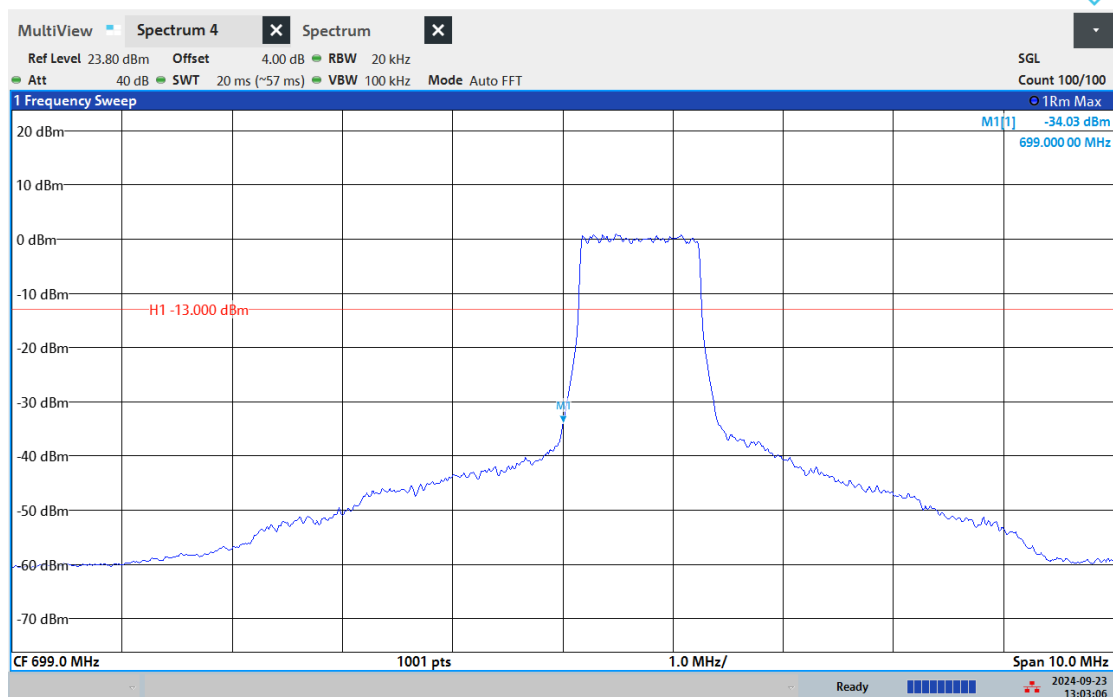


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Test Report No.: PSU-QBJ2408220111RF03



Band12-1.4MHz-QPSK-23017-6RB#0

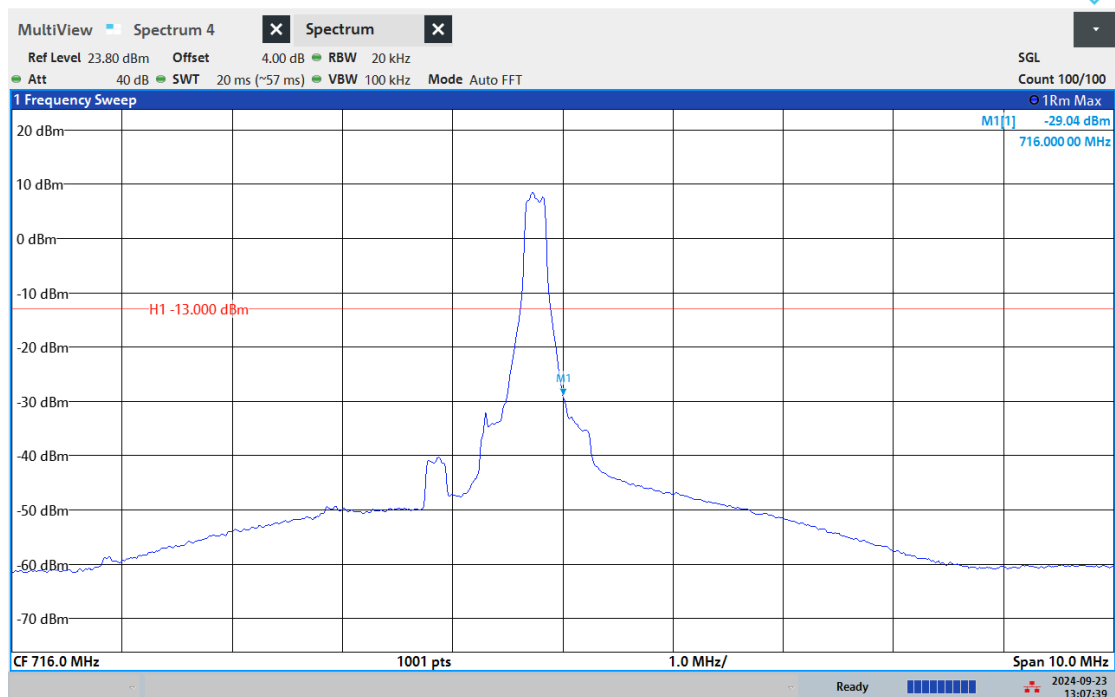


Band12-1.4MHz-QPSK-23173-1RB#5

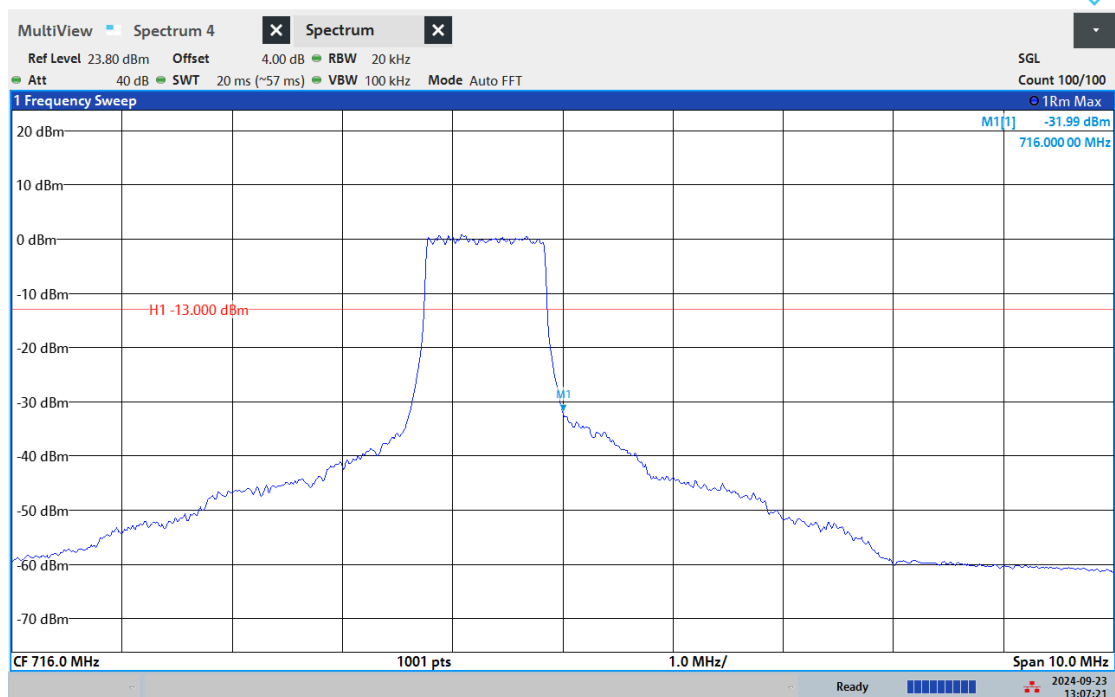


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Test Report No.: PSU-QBJ2408220111RF03



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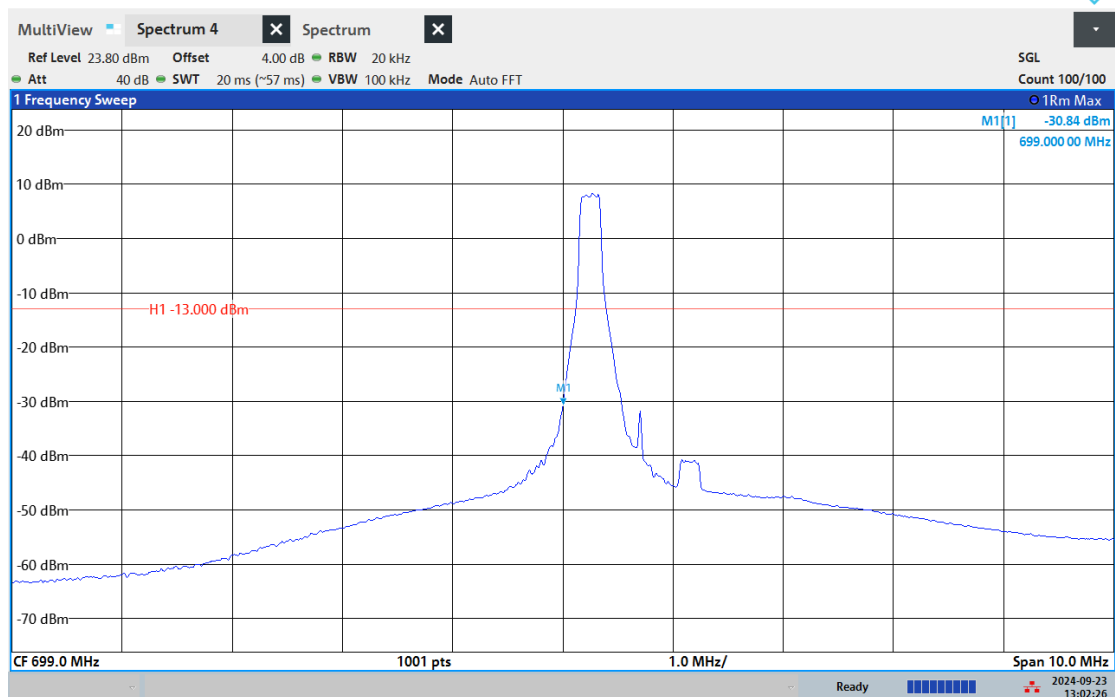


Band12-1.4MHz-16QAM-23017-1RB#0

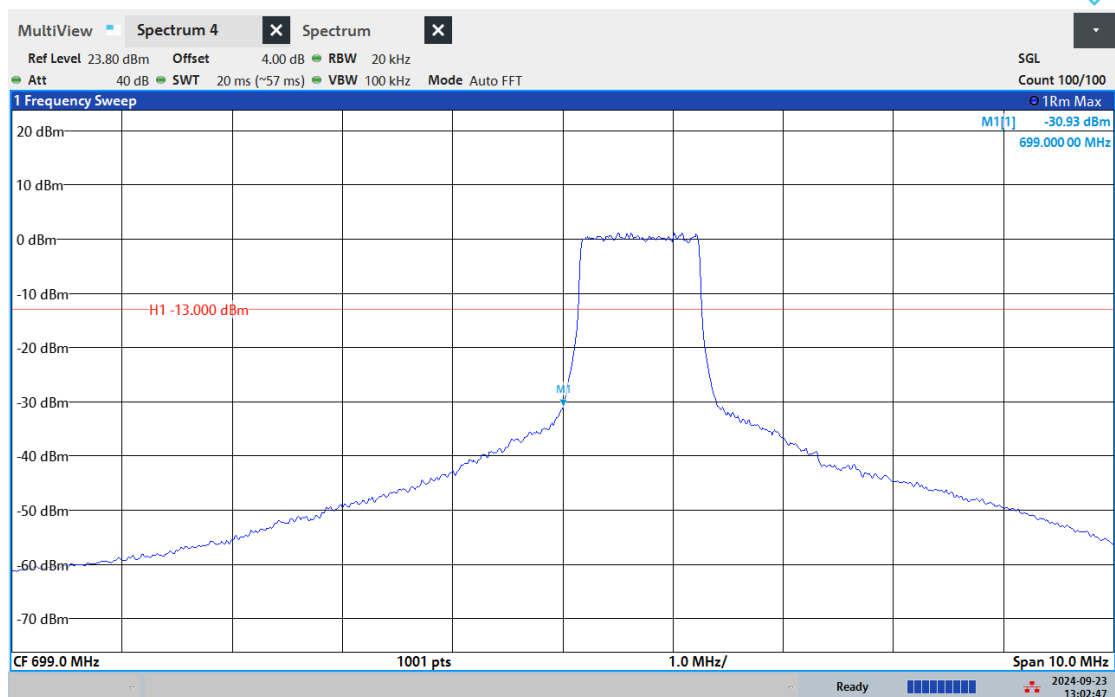


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VERITAS

Test Report No.: PSU-QBJ2408220111RF03



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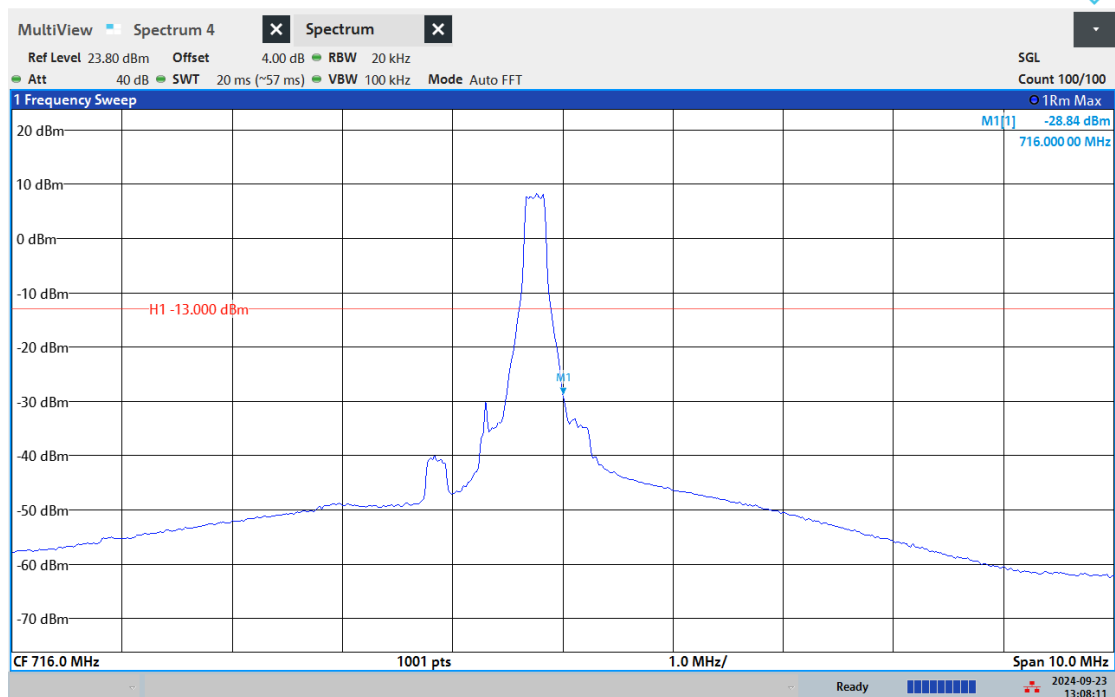


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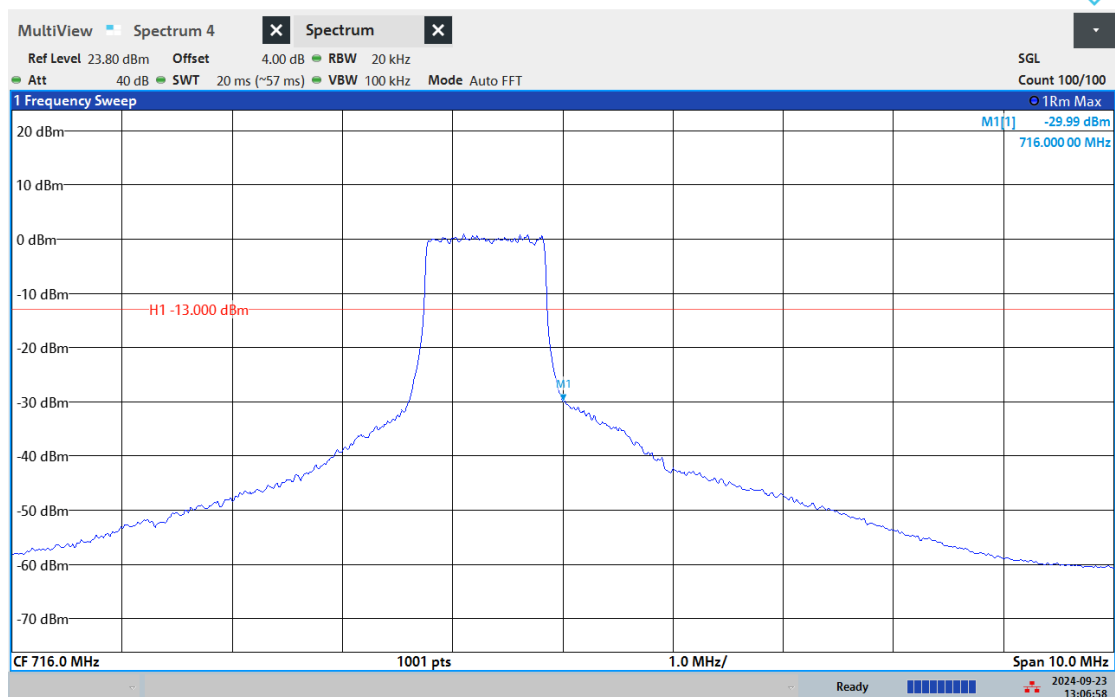


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VERITAS

Test Report No.: PSU-QBJ2408220111RF03



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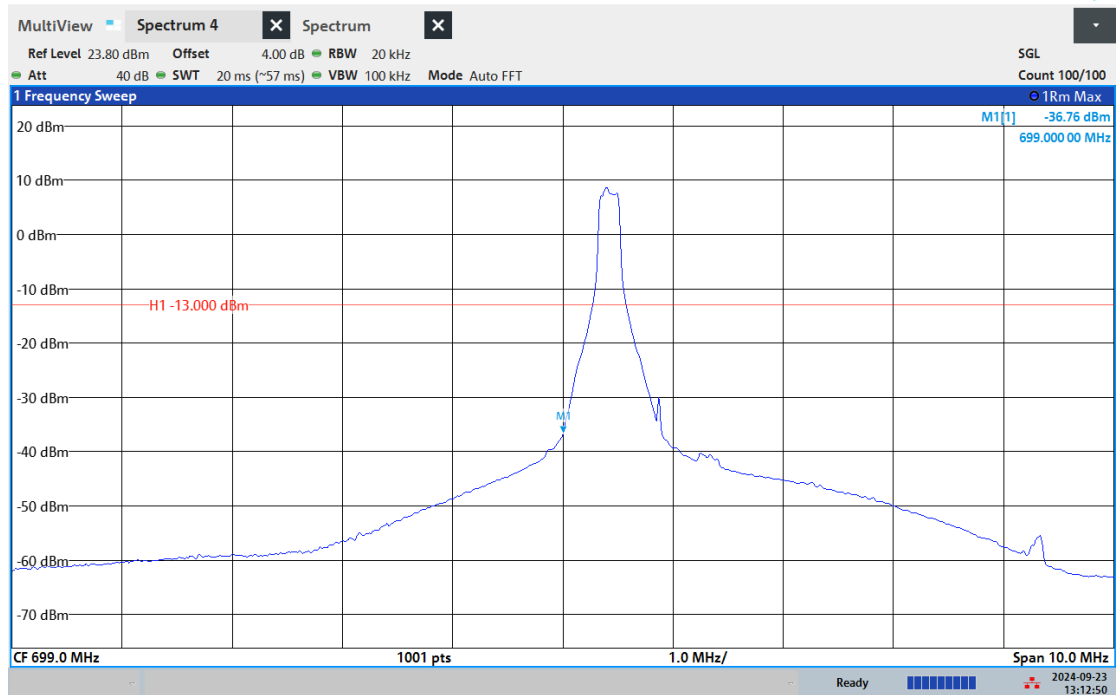


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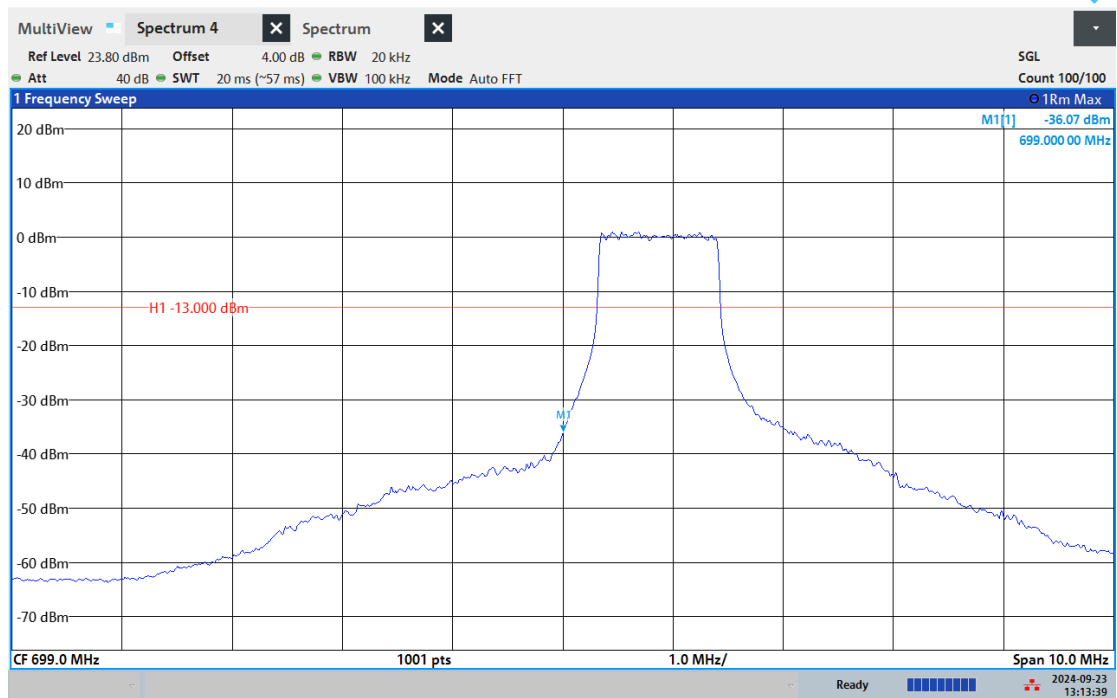


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Test Report No.: PSU-QBJ2408220111RF03



Band12-3MHz-QPSK-23025-6RB#0

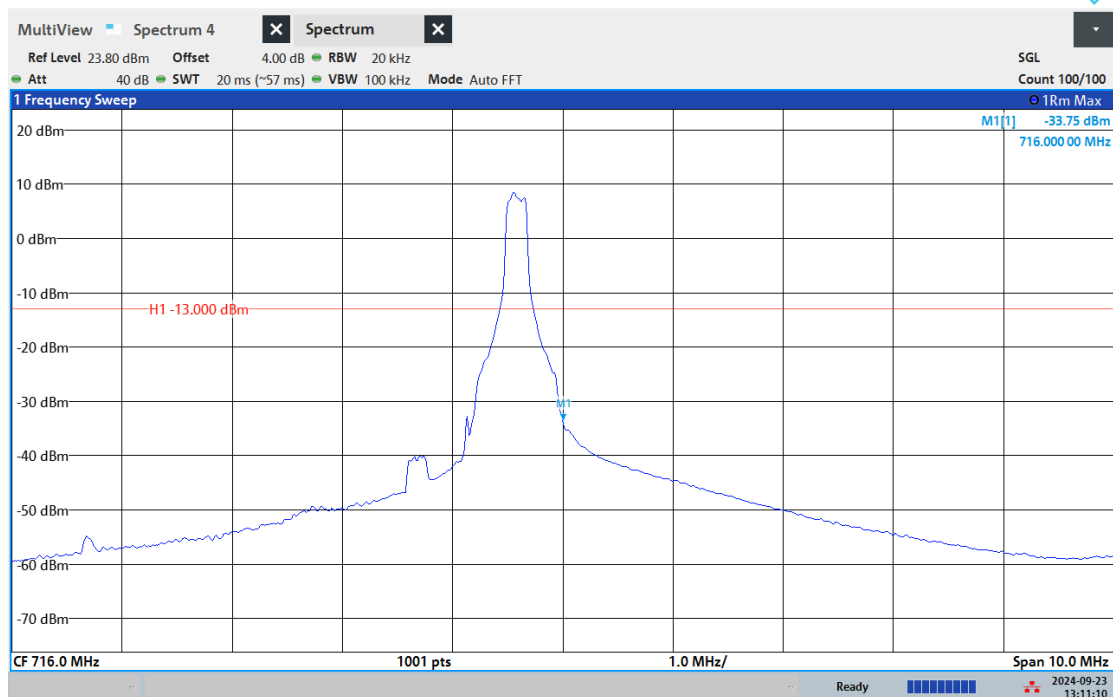


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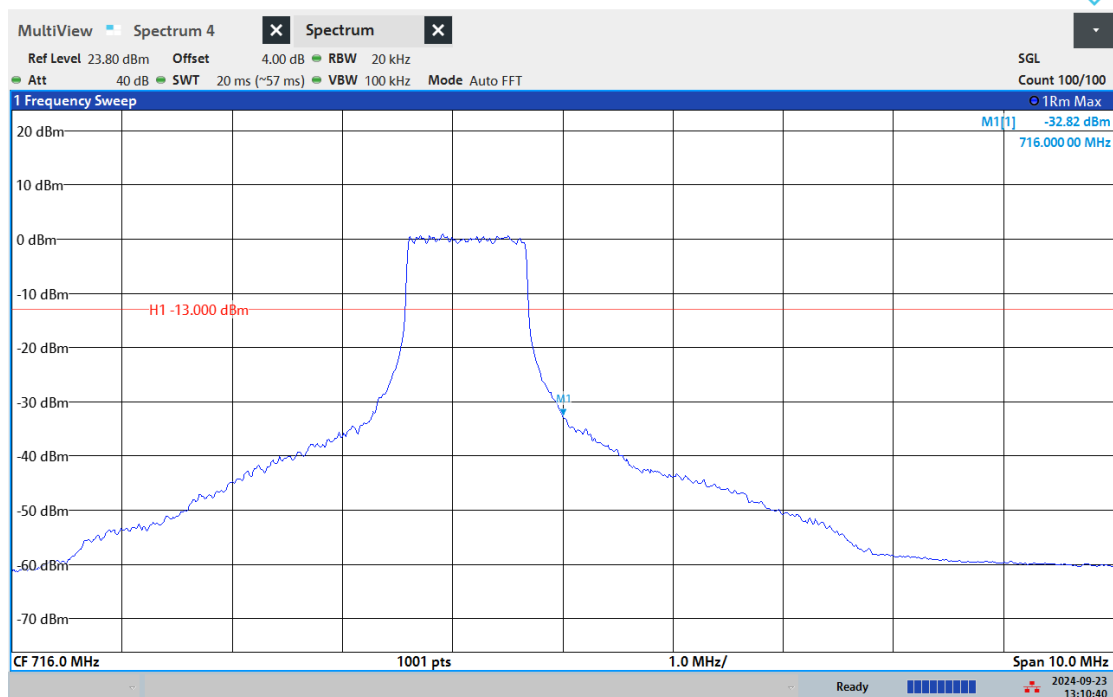


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VERITAS

Test Report No.: PSU-QBJ2408220111RF03



Band12-3MHz-QPSK-23165-6RB#0

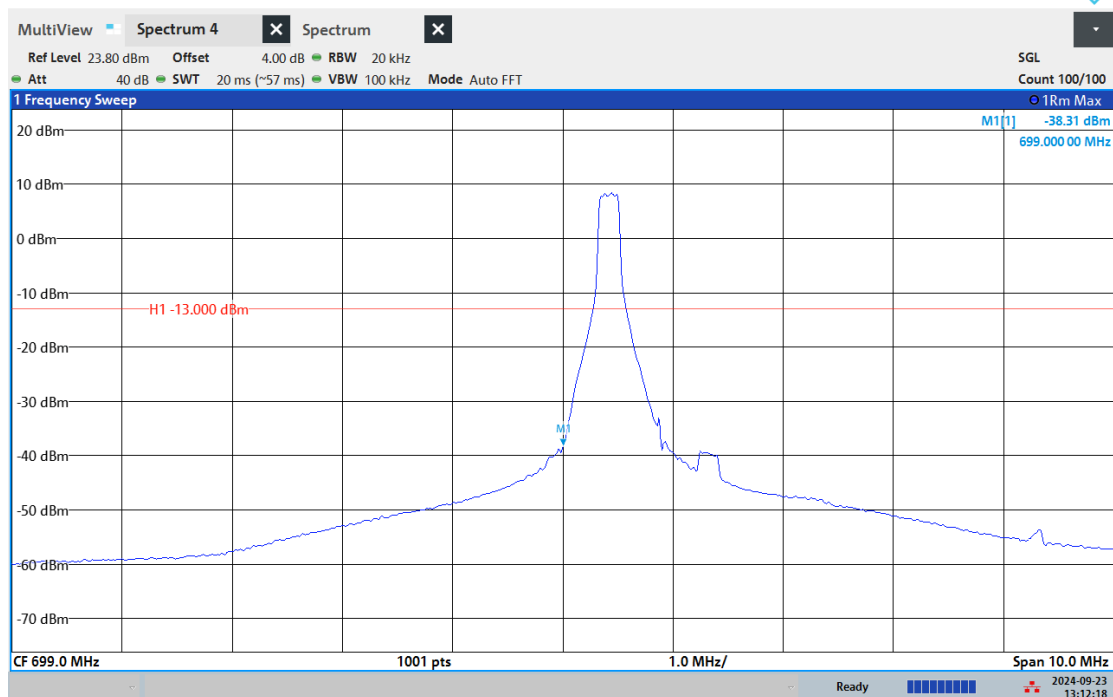


Band12-3MHz-16QAM-23025-1RB#0

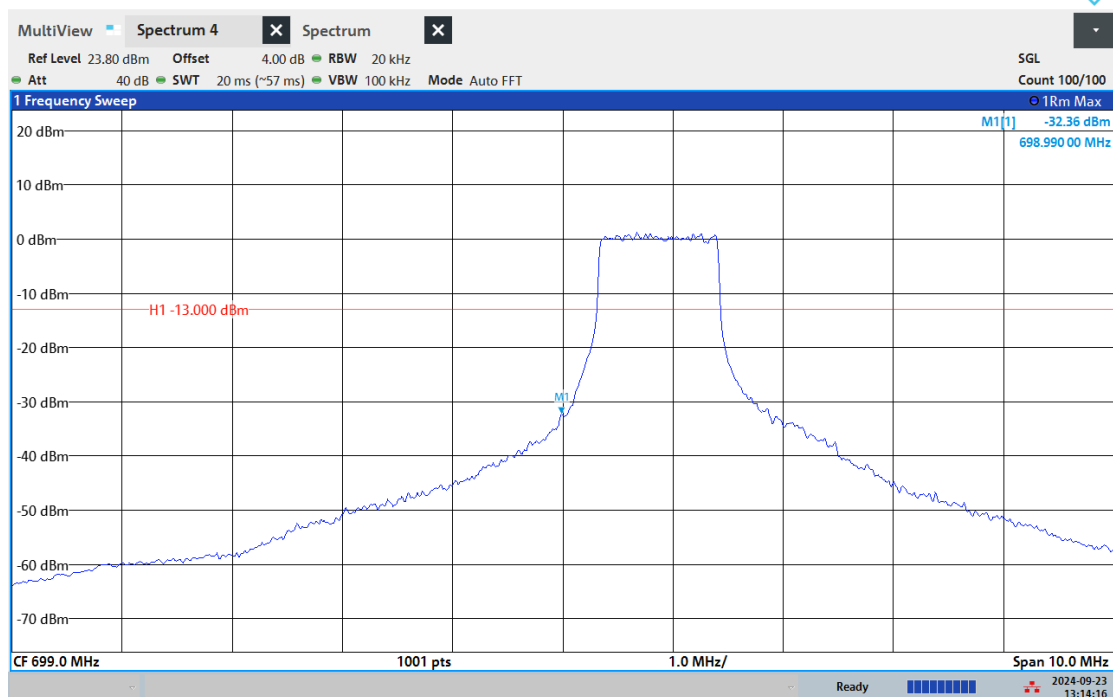


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Test Report No.: PSU-QBJ2408220111RF03



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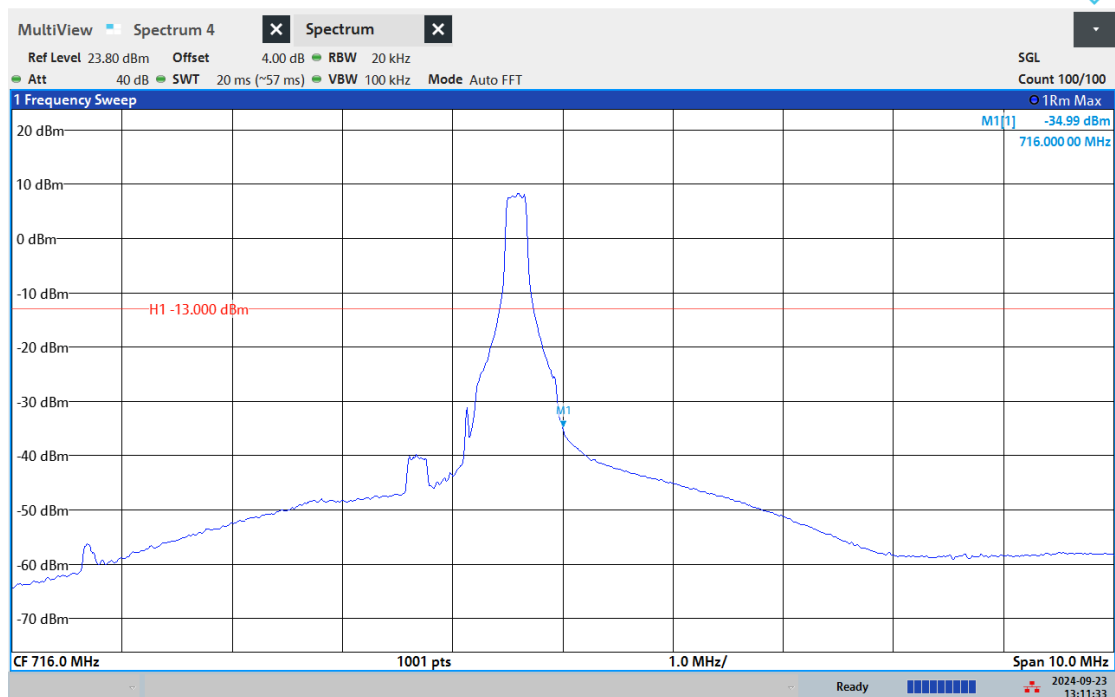


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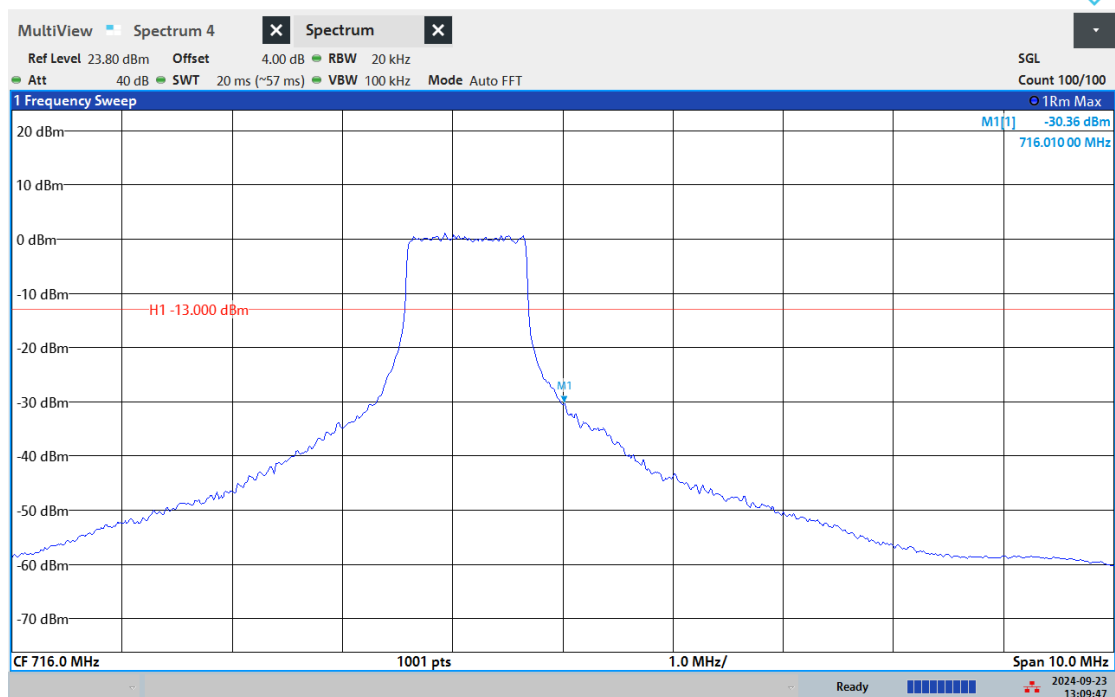


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Test Report No.: PSU-QBJ2408220111RF03



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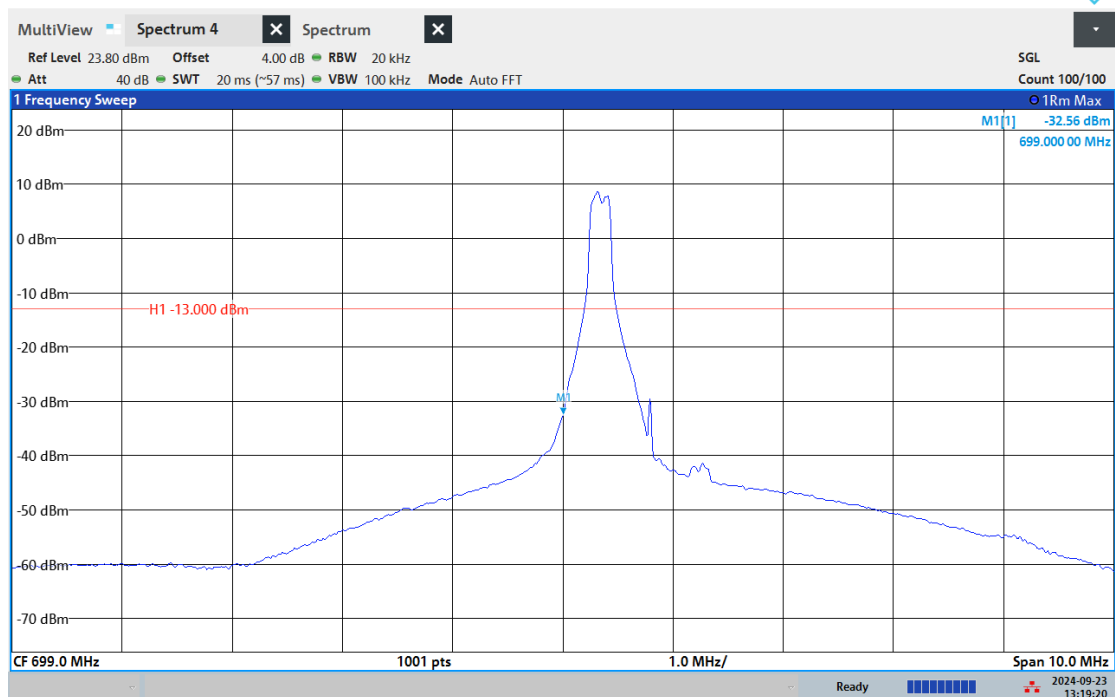


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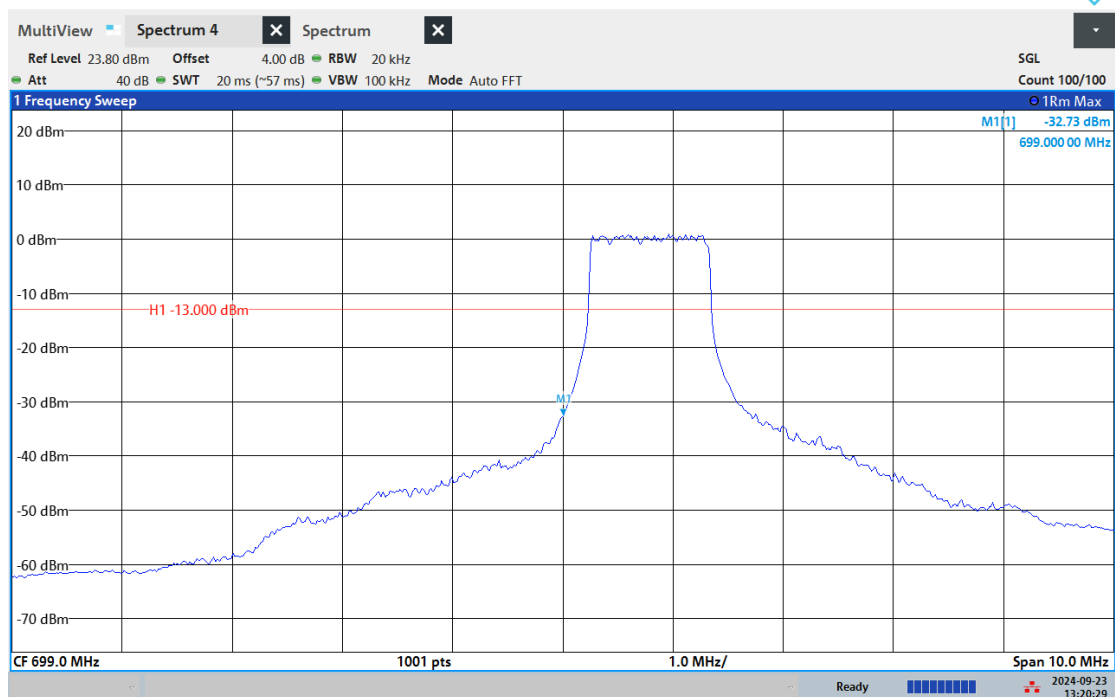


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Test Report No.: PSU-QBJ2408220111RF03



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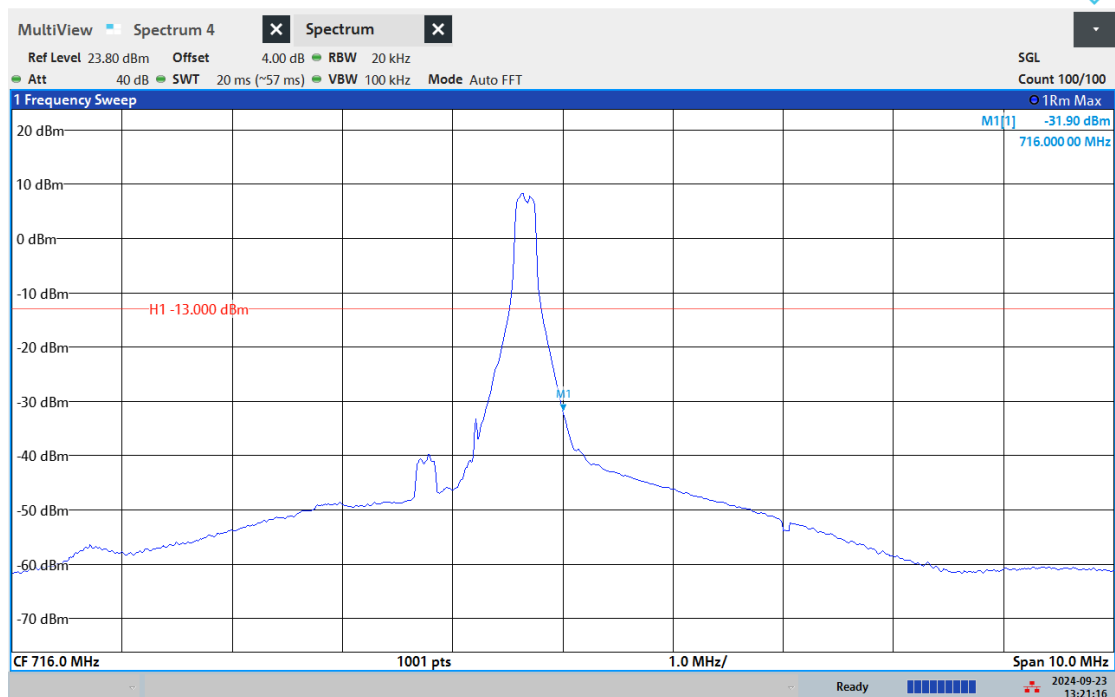


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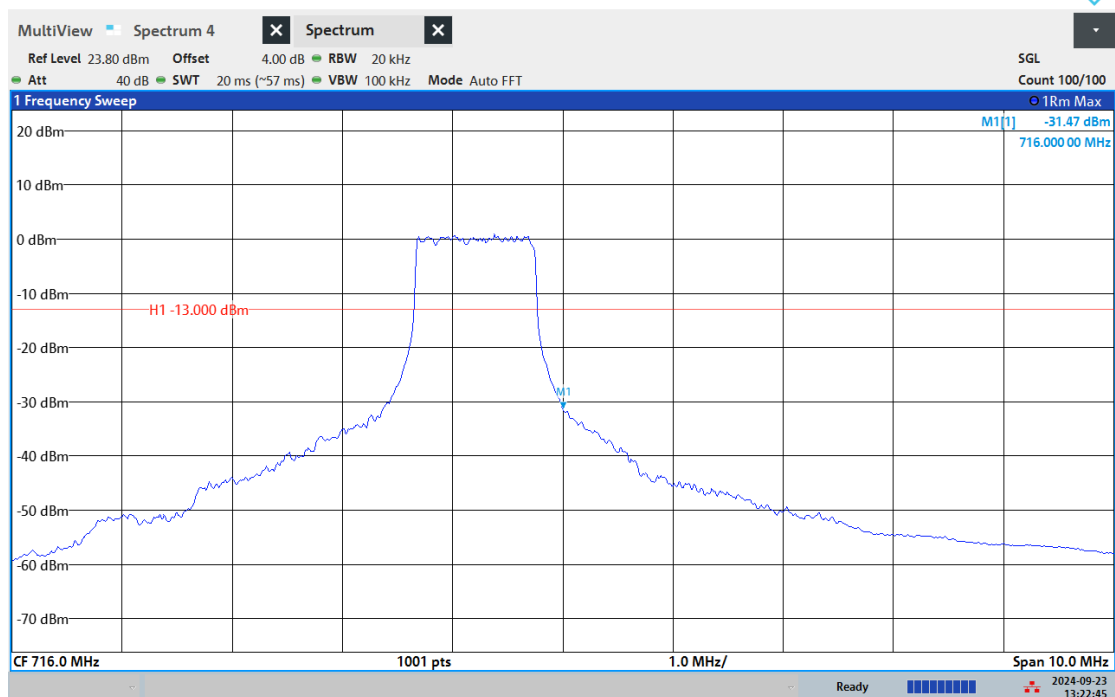


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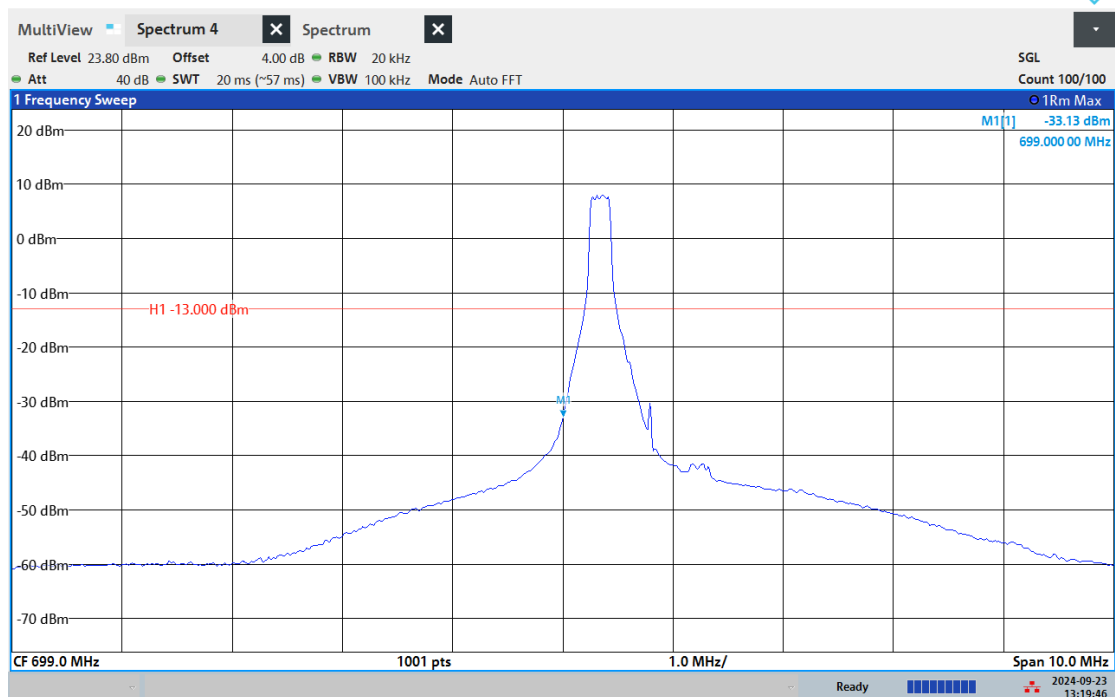


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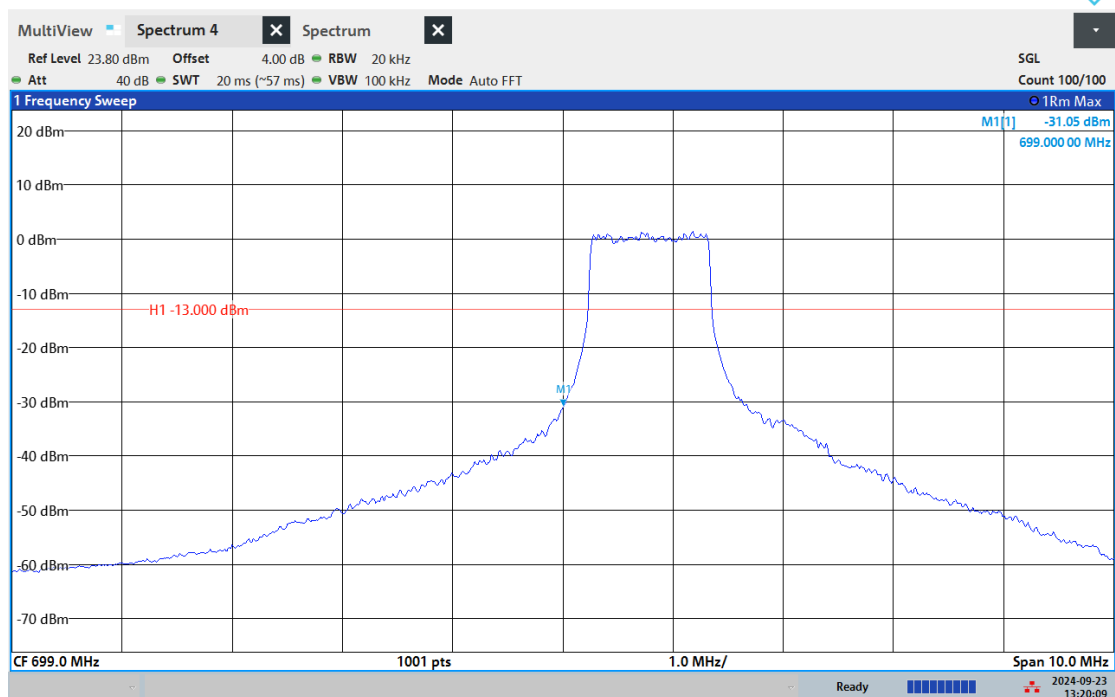


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Test Report No.: PSU-QBJ2408220111RF03



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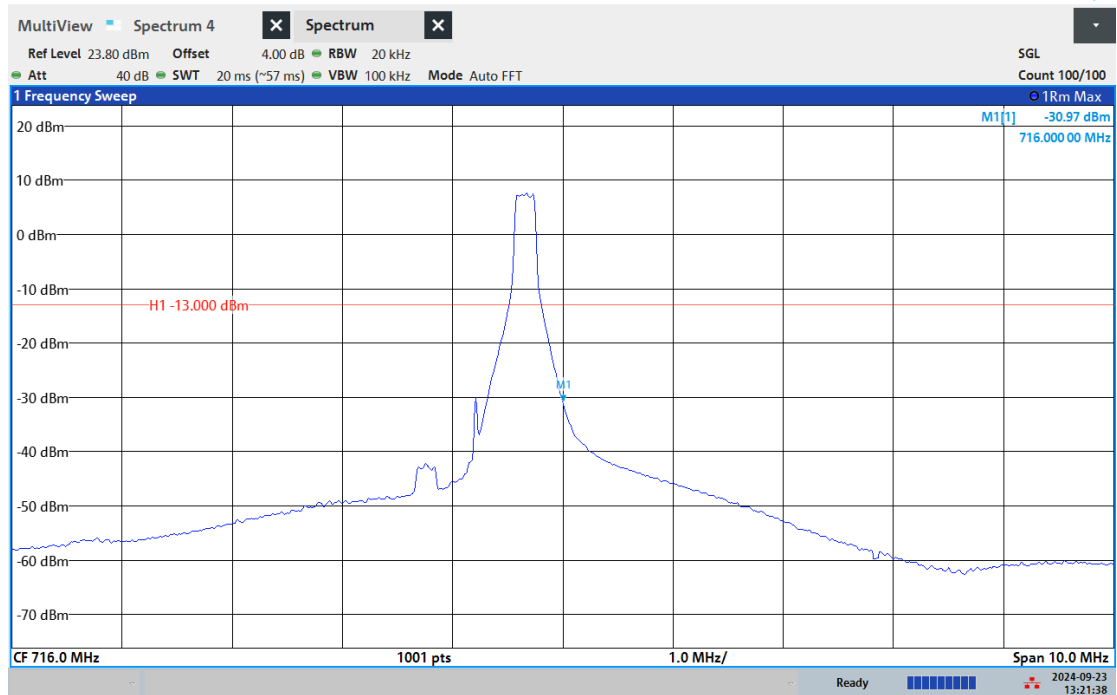


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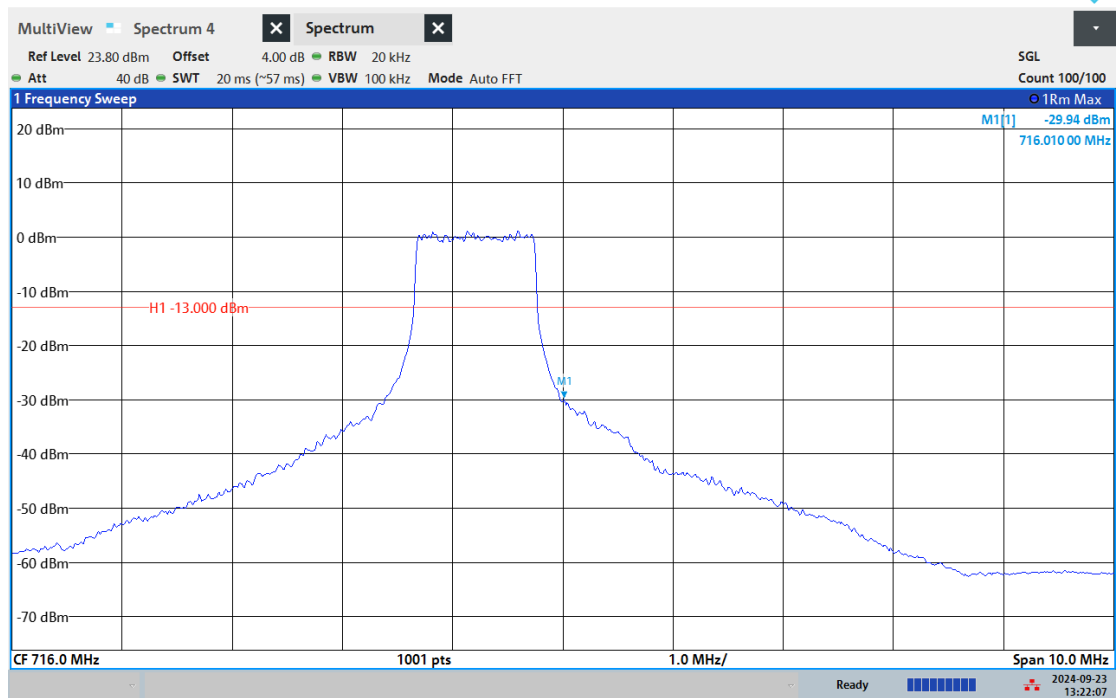


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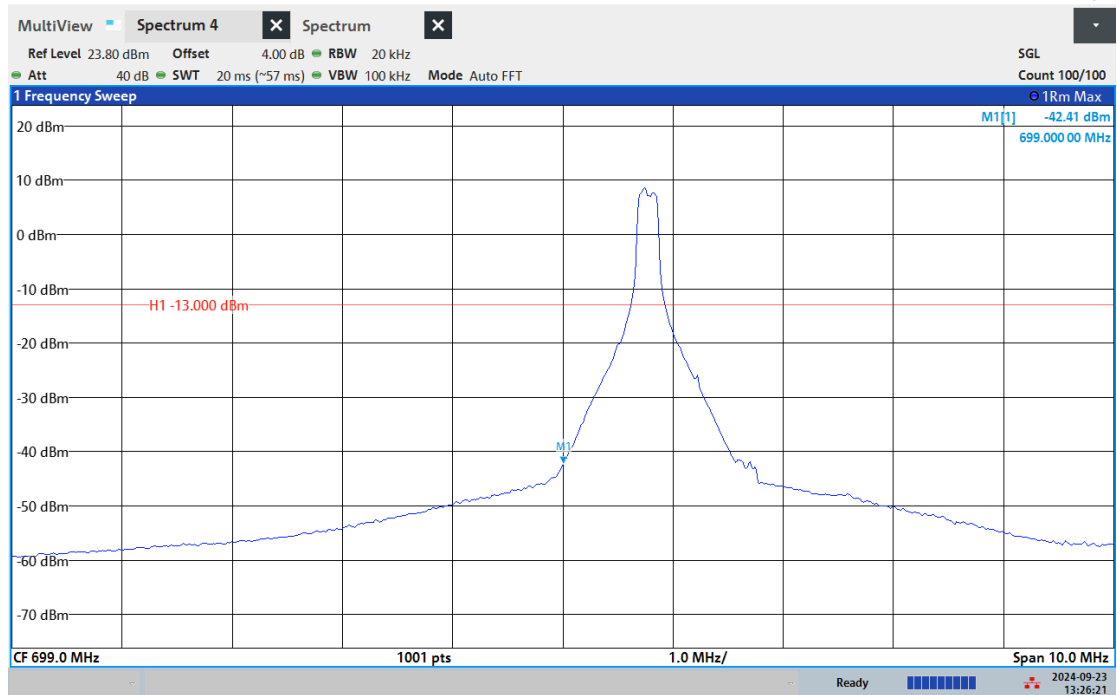


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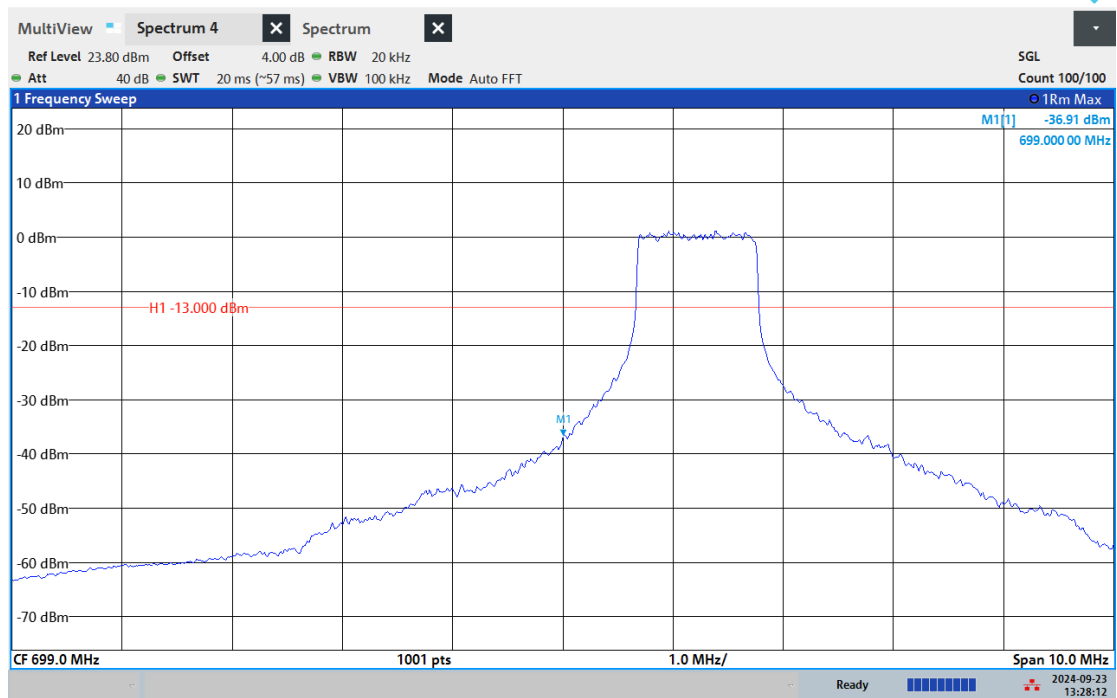


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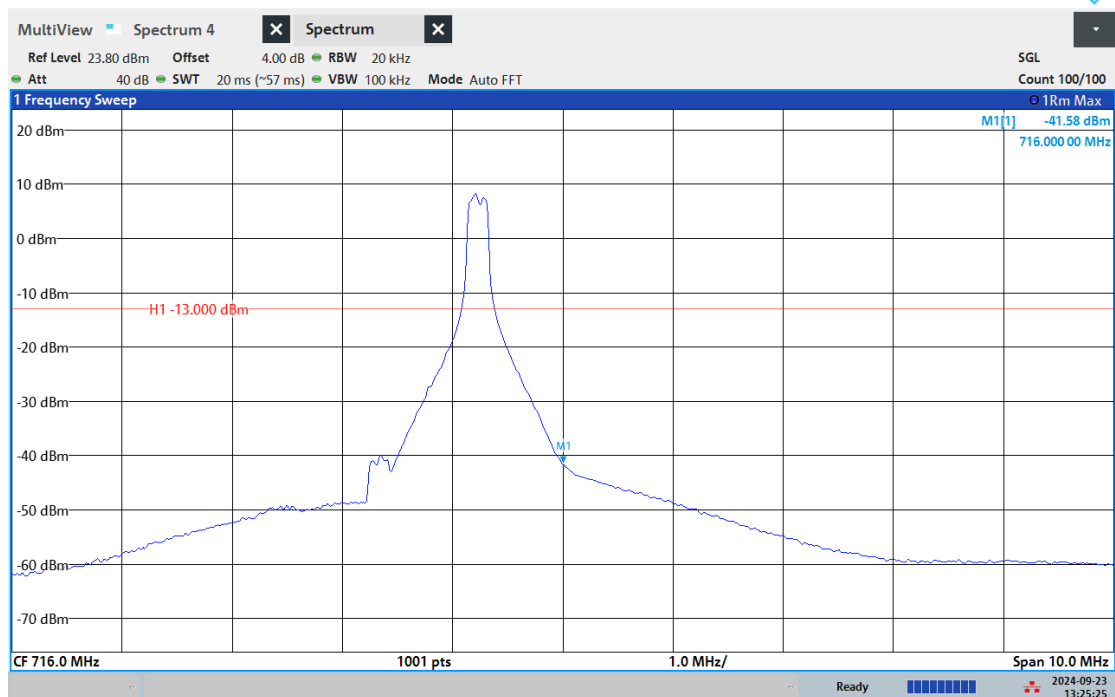


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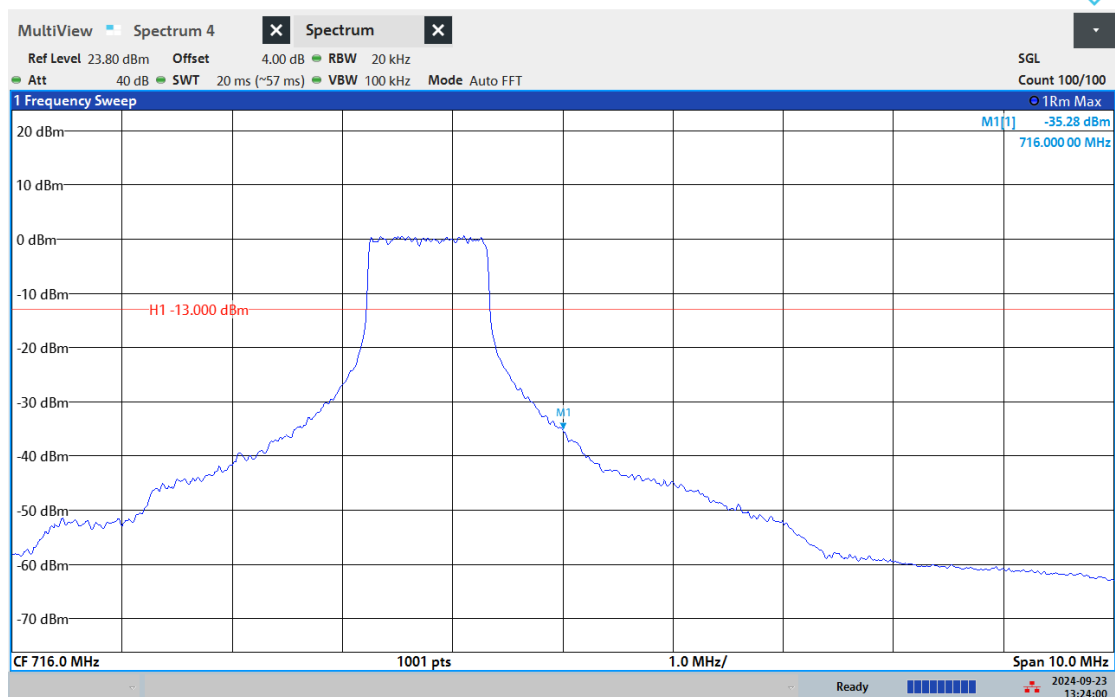


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Test Report No.: PSU-QBJ2408220111RF03



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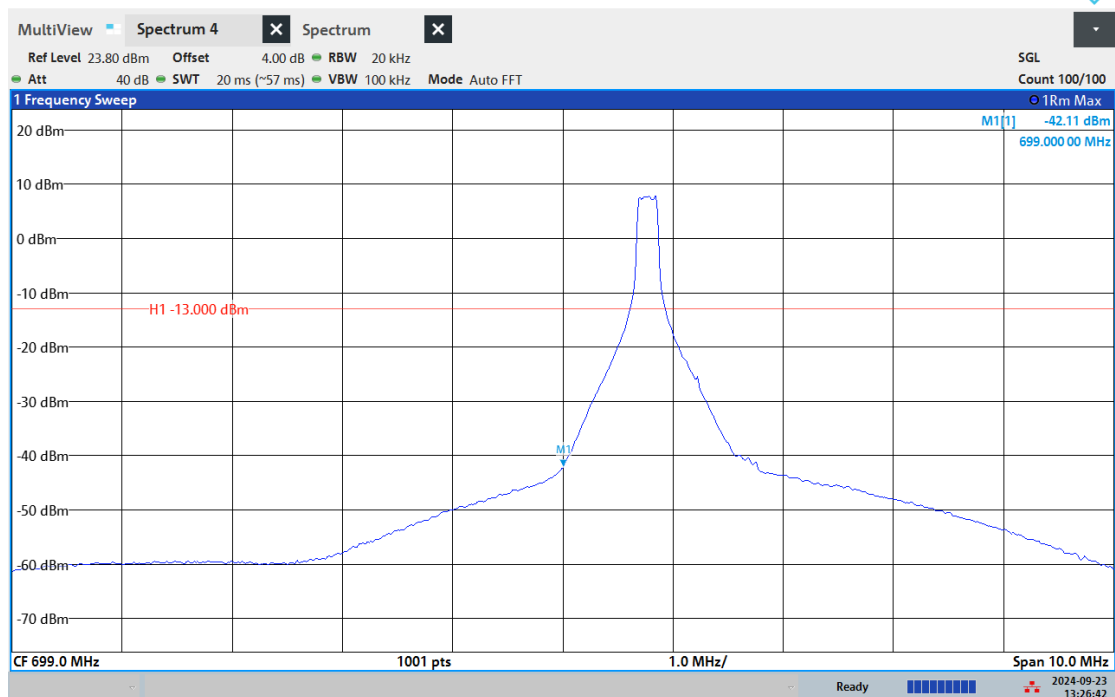


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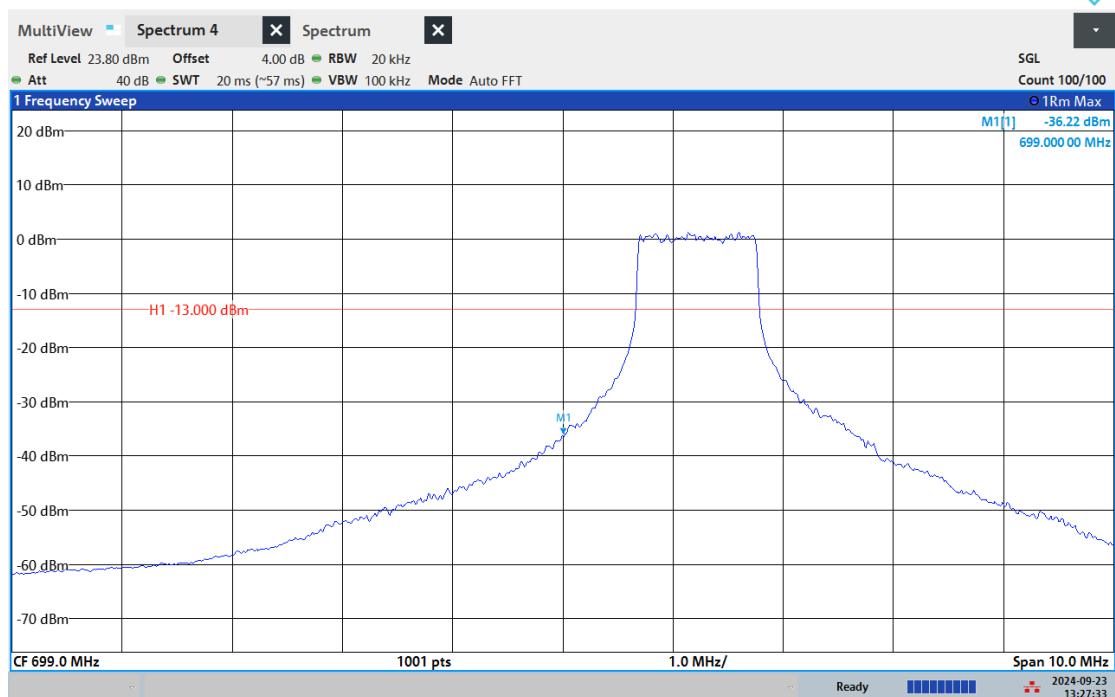


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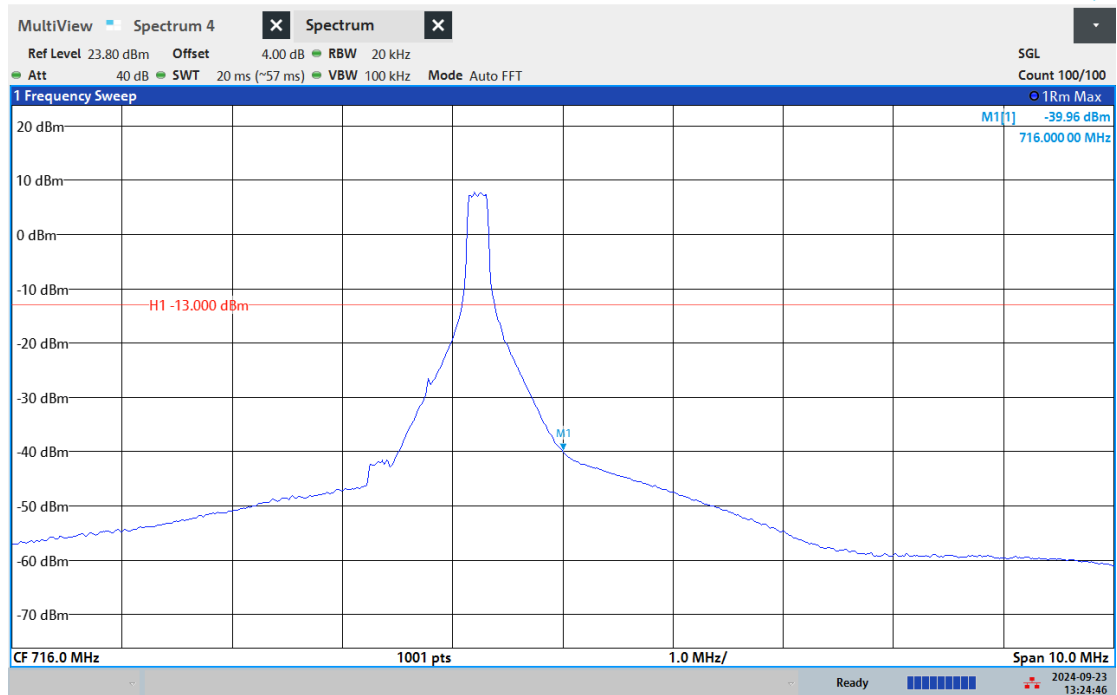


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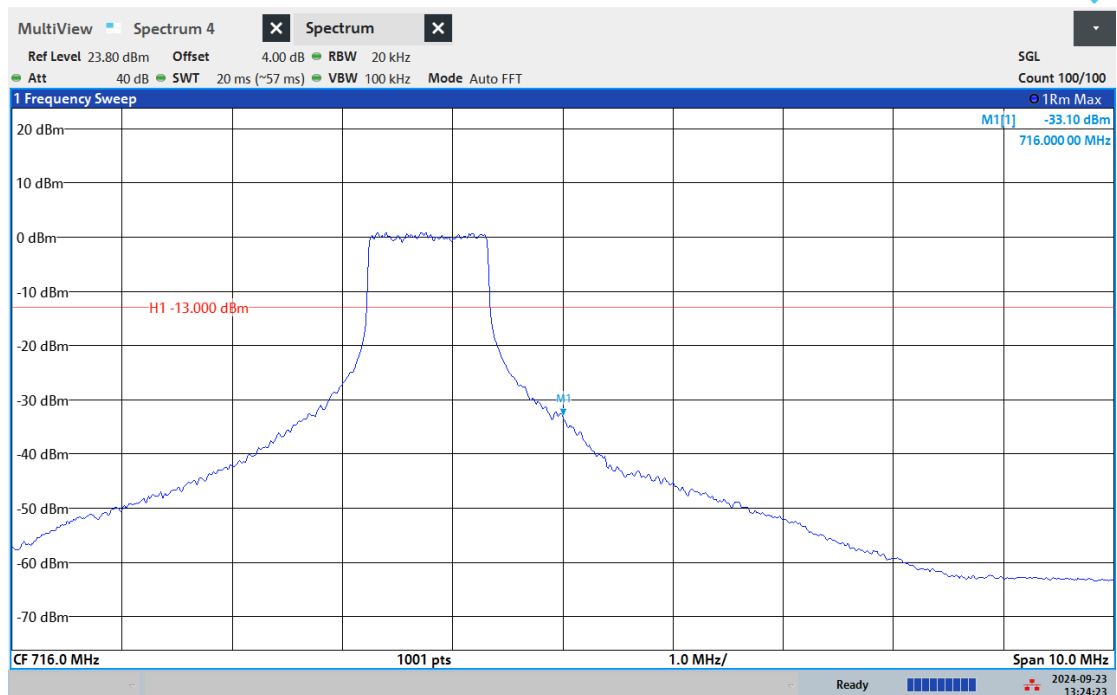


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Test Report No.: PSU-QBJ2408220111RF03



Band12-10MHz-16QAM-23130-6RB#0



CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range:30~10000MHz	See Graph	PASS
Band12	20MHz	16QAM	19100	1RB#0	Range:30~10000MHz	See Graph	PASS

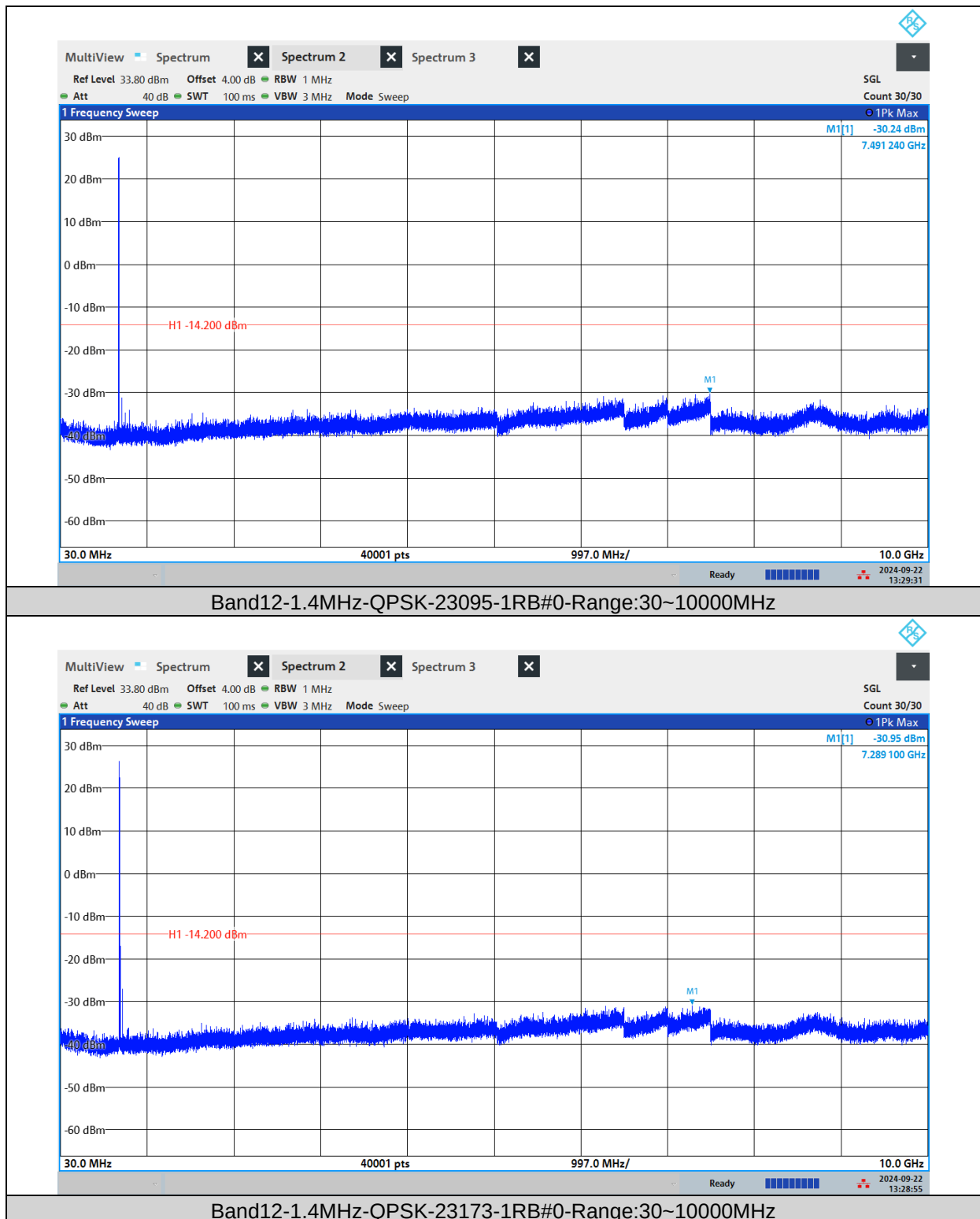
Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0-Range:30~10000MHz



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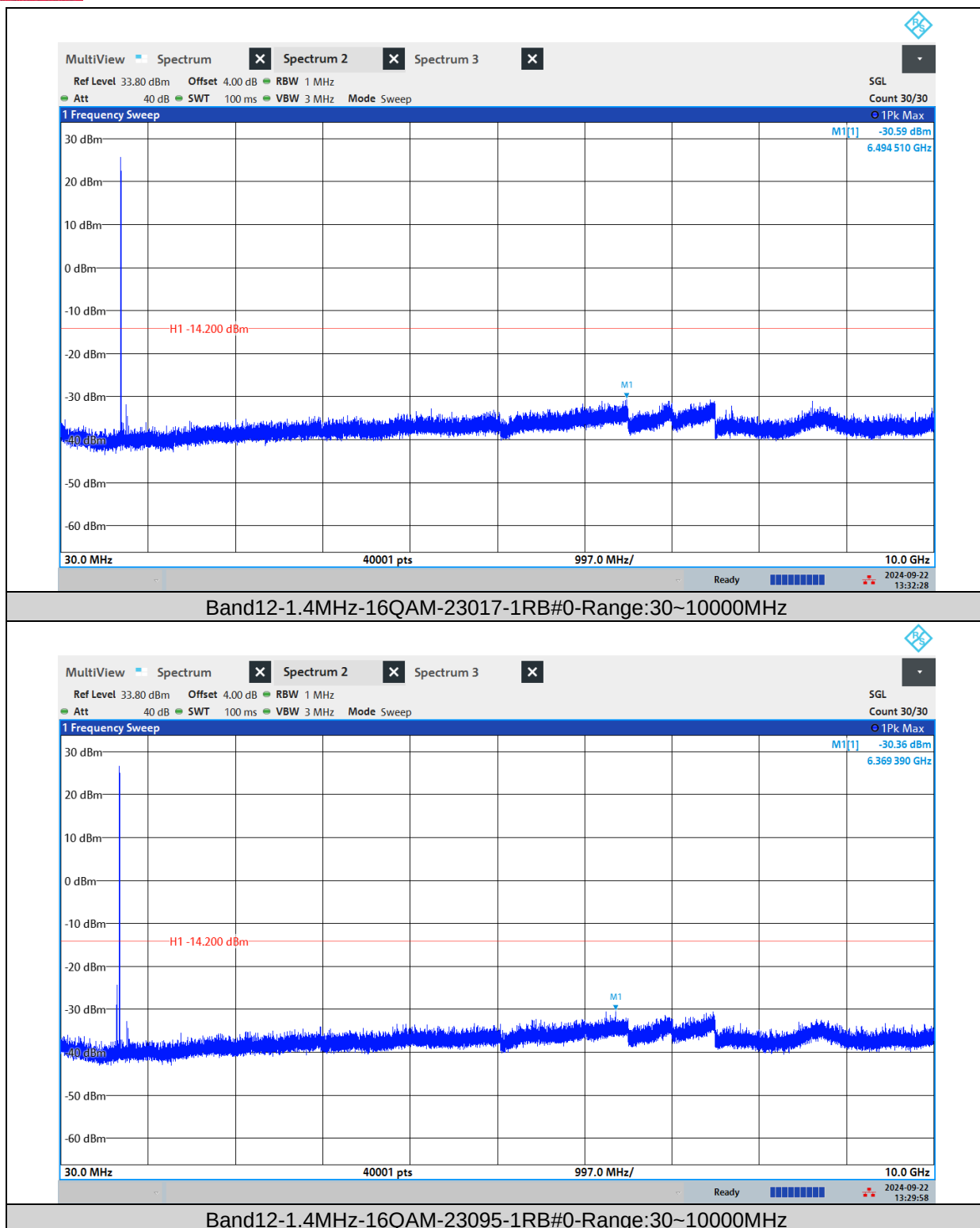
Test Report No.: PSU-QBJ2408220111RF03





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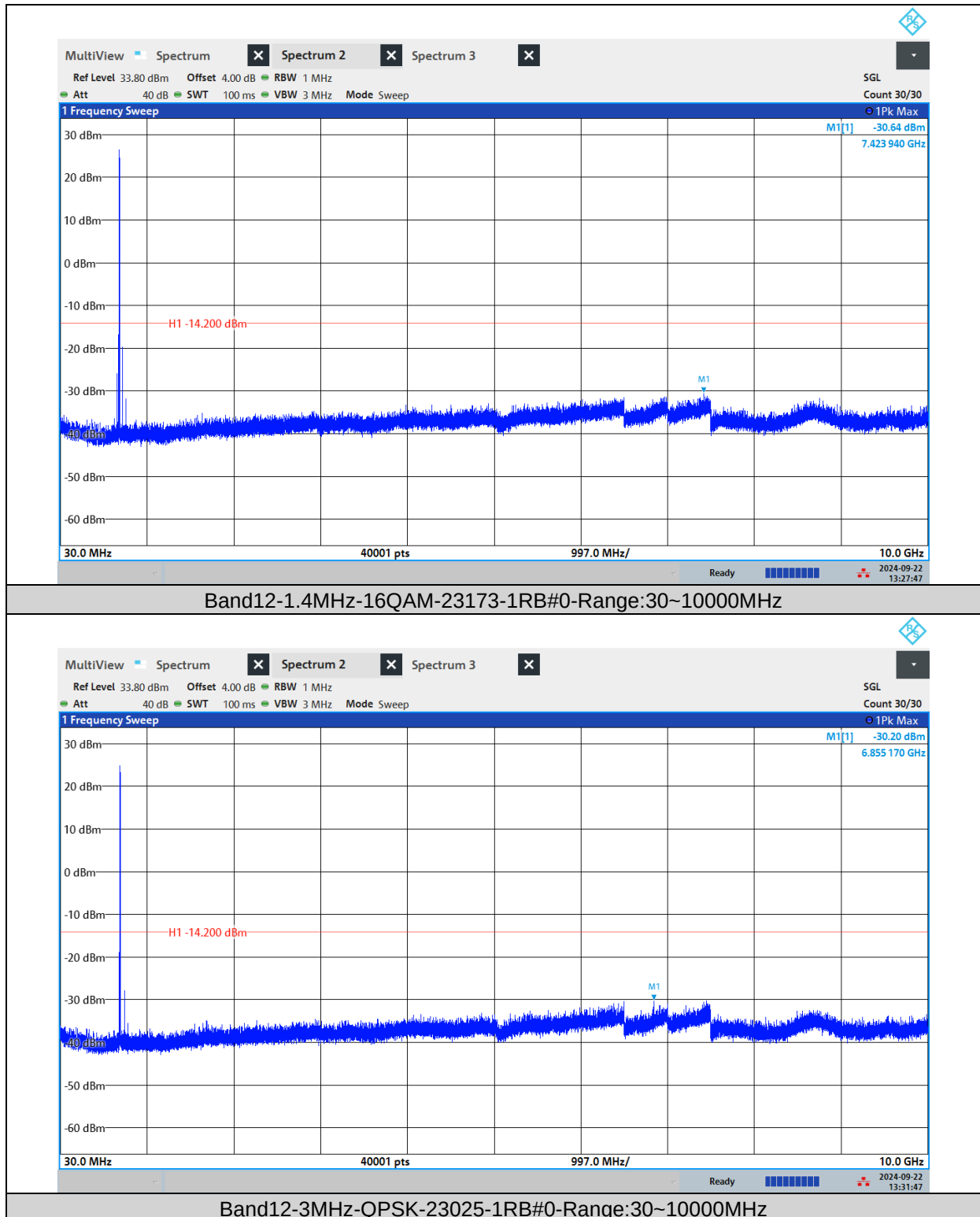
Test Report No.: PSU-QBJ2408220111RF03





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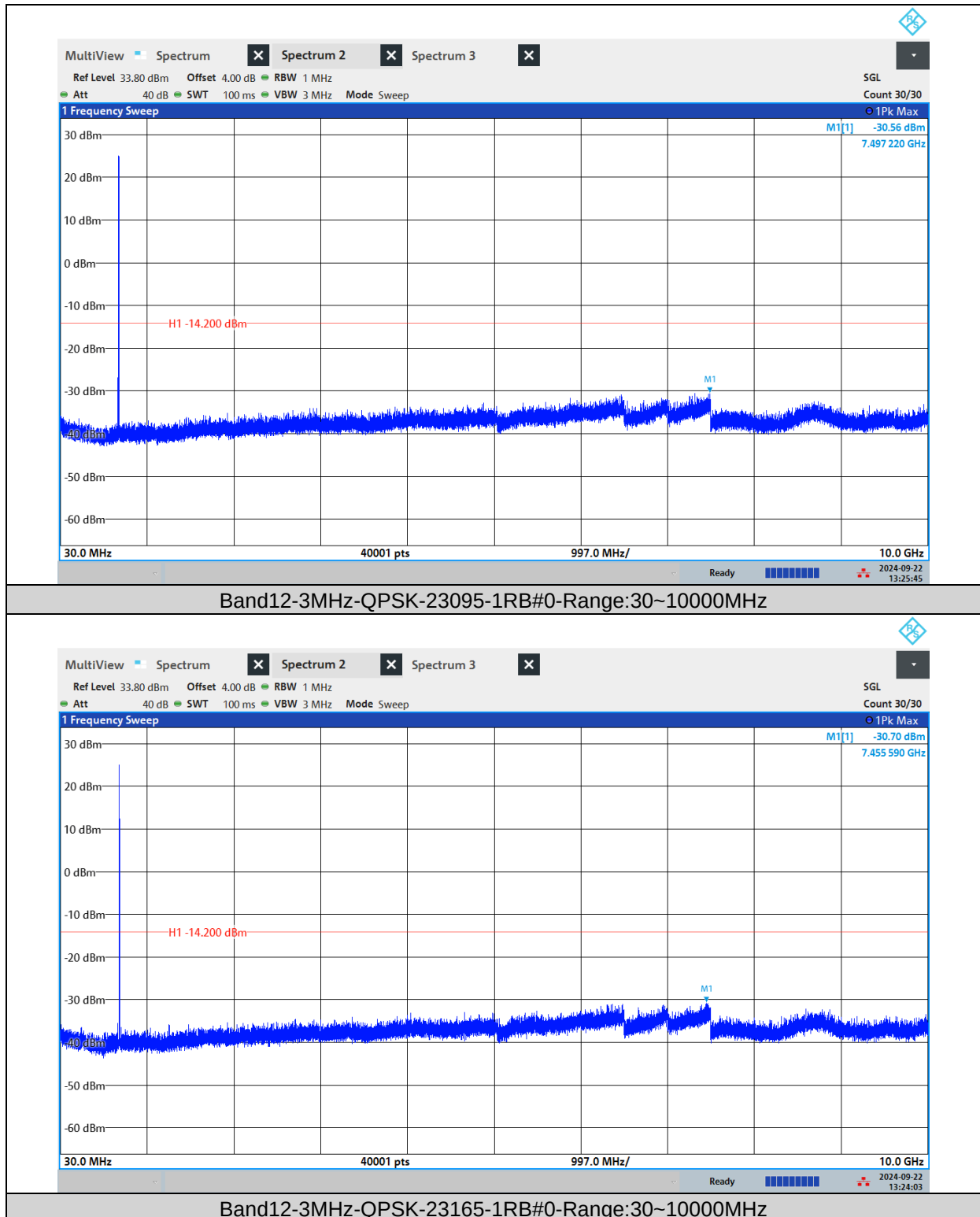
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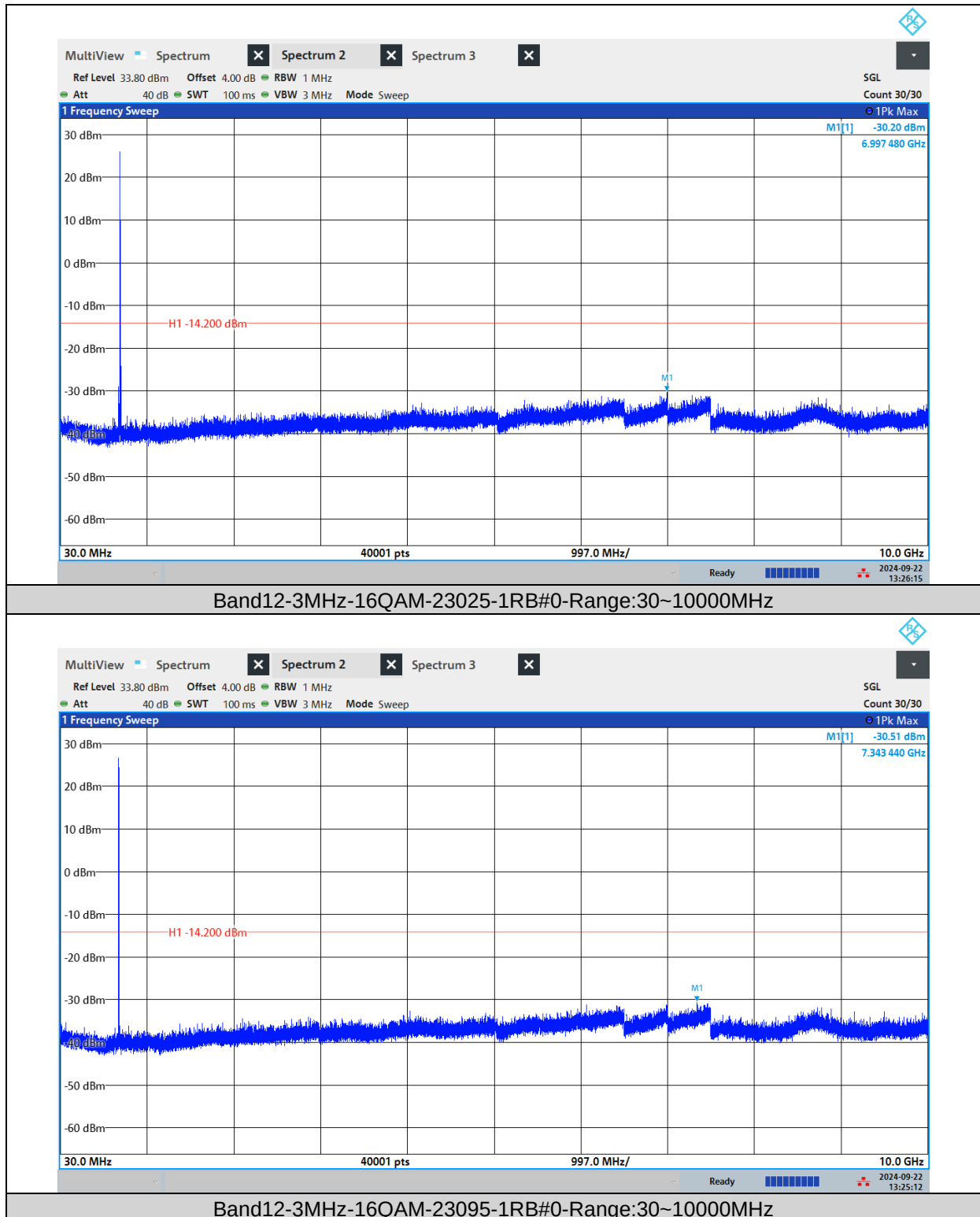
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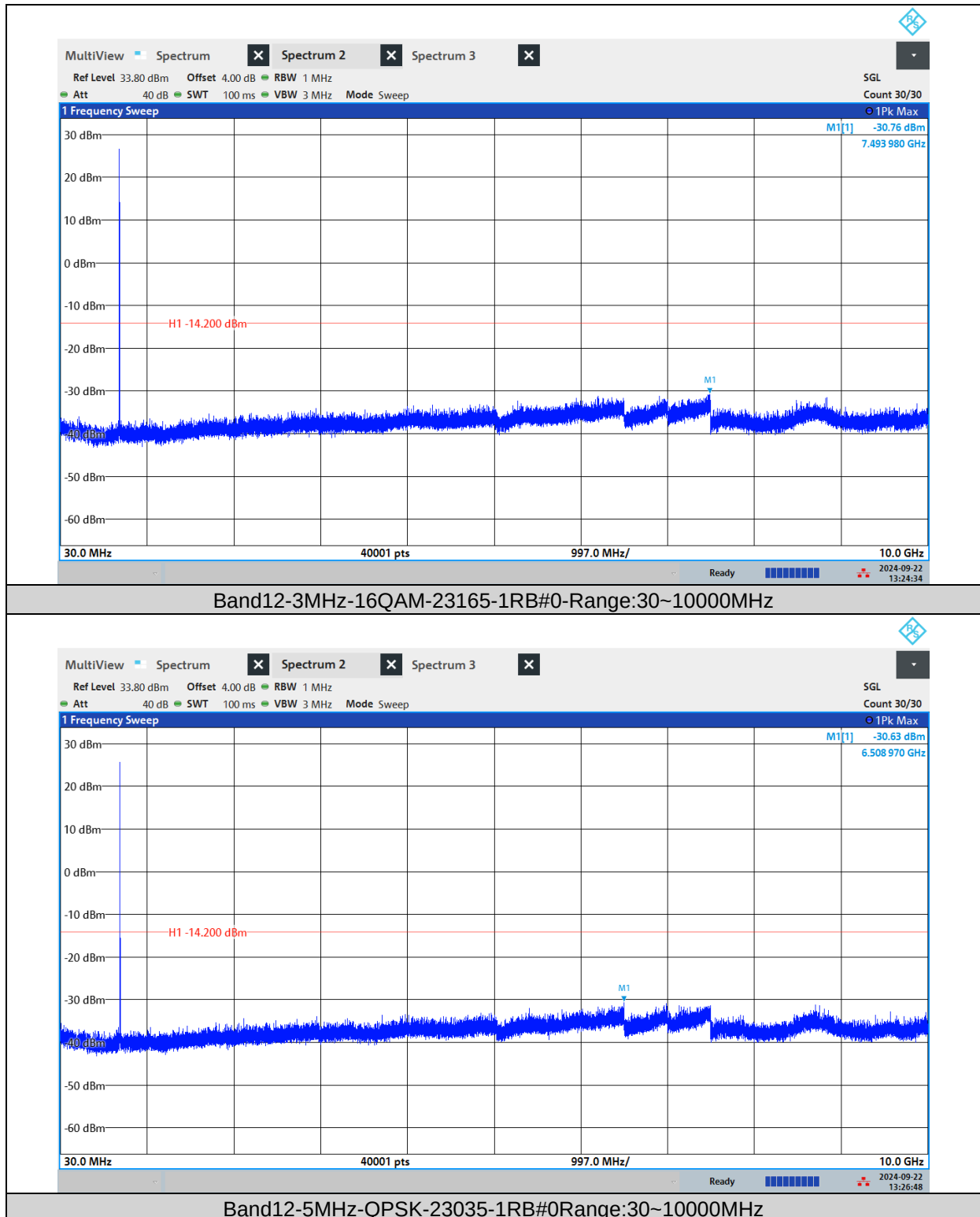
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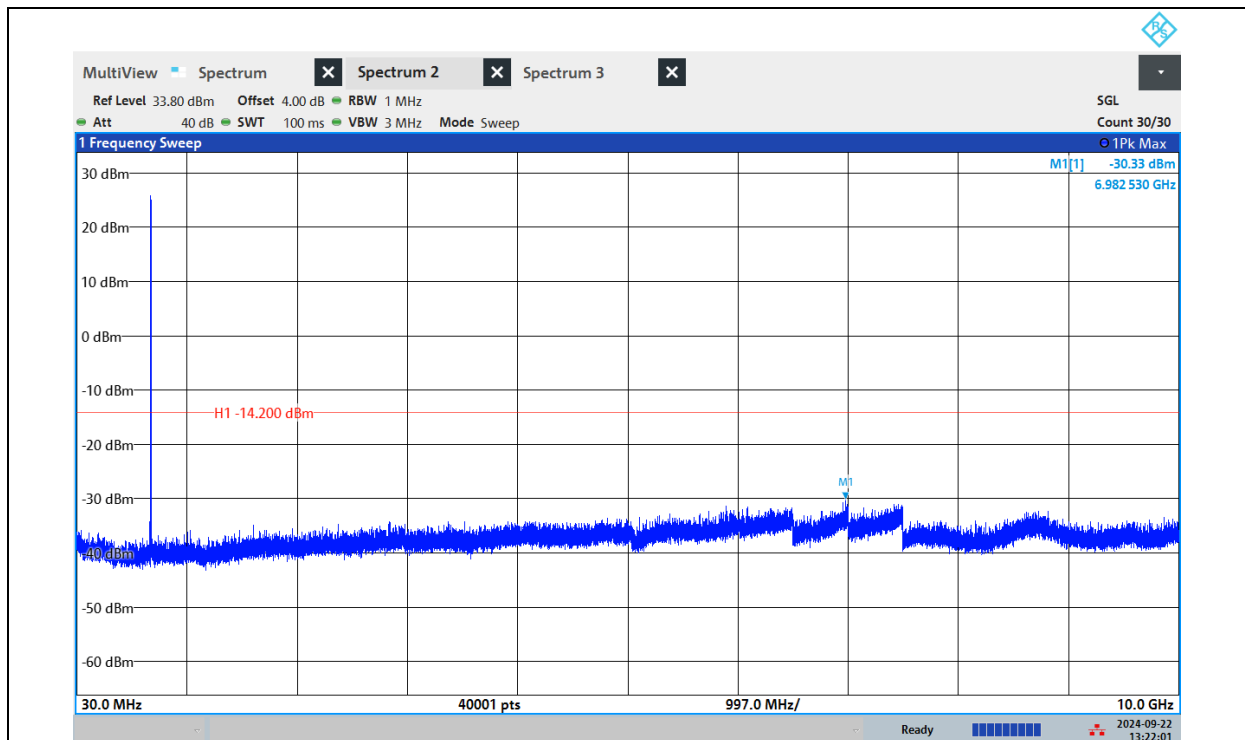
Test Report No.: PSU-QBJ2408220111RF03



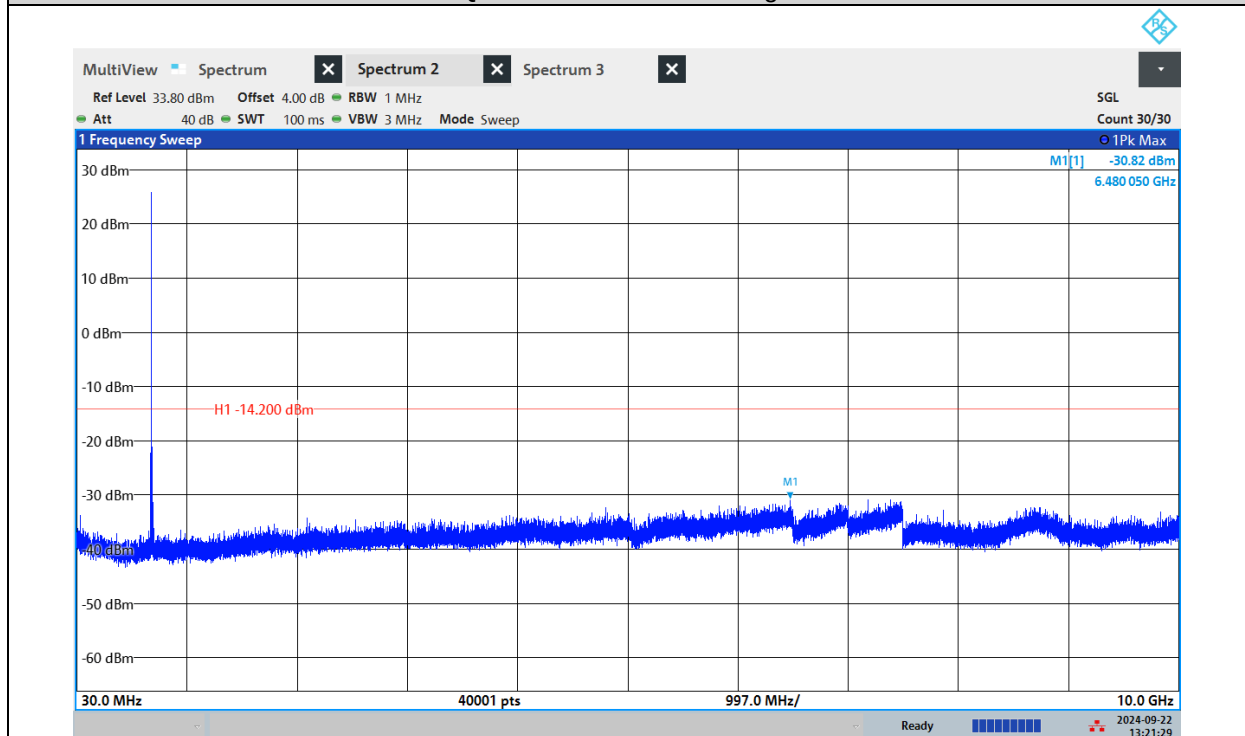


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Test Report No.: PSU-QBJ2408220111RF03



Band12-5MHz-QPSK-23095-1RB#0-Range:30~10000MHz



Band12-5MHz-QPSK-23155-1RB#0-Range:30~10000MHz