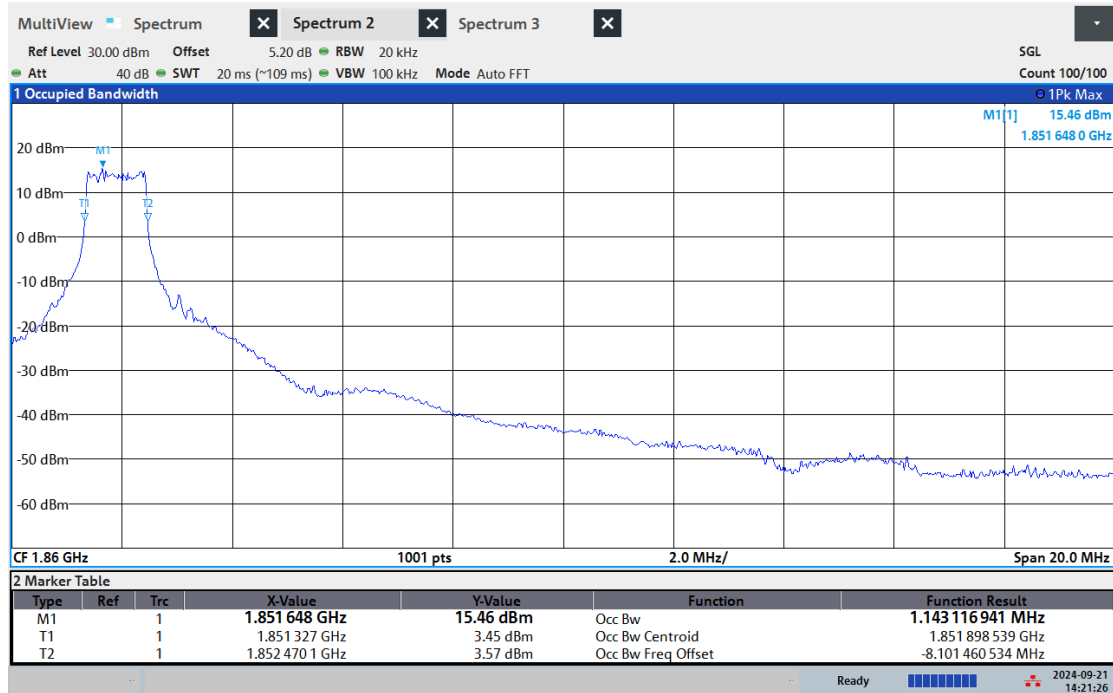


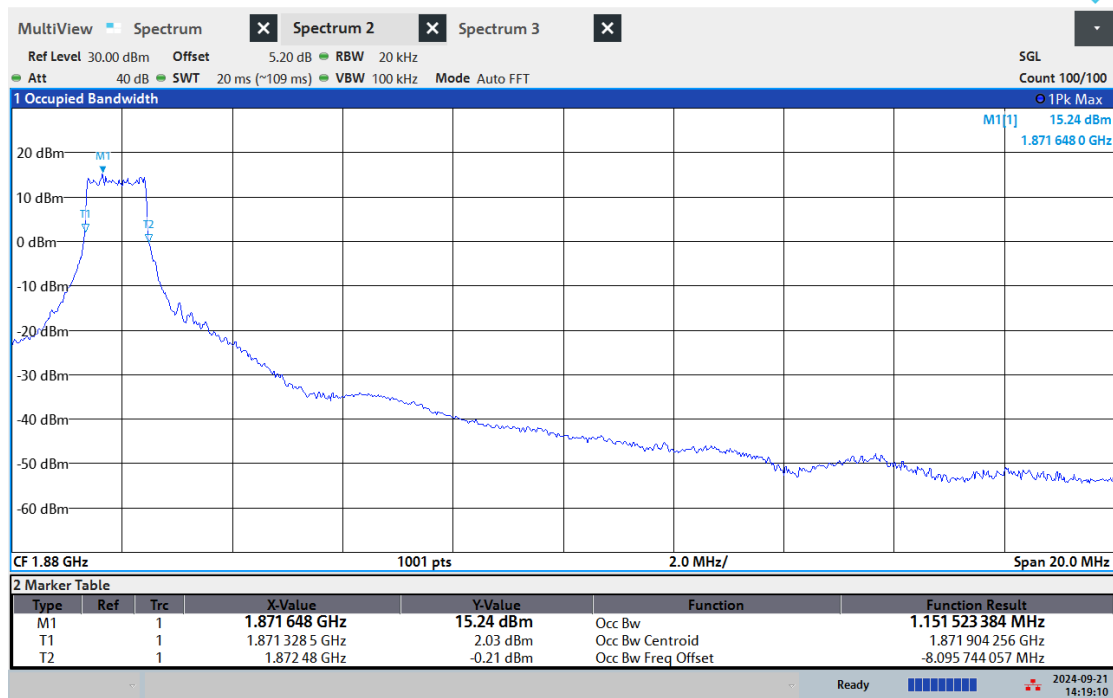


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-20MHz-16QAM-18900-6RB#0

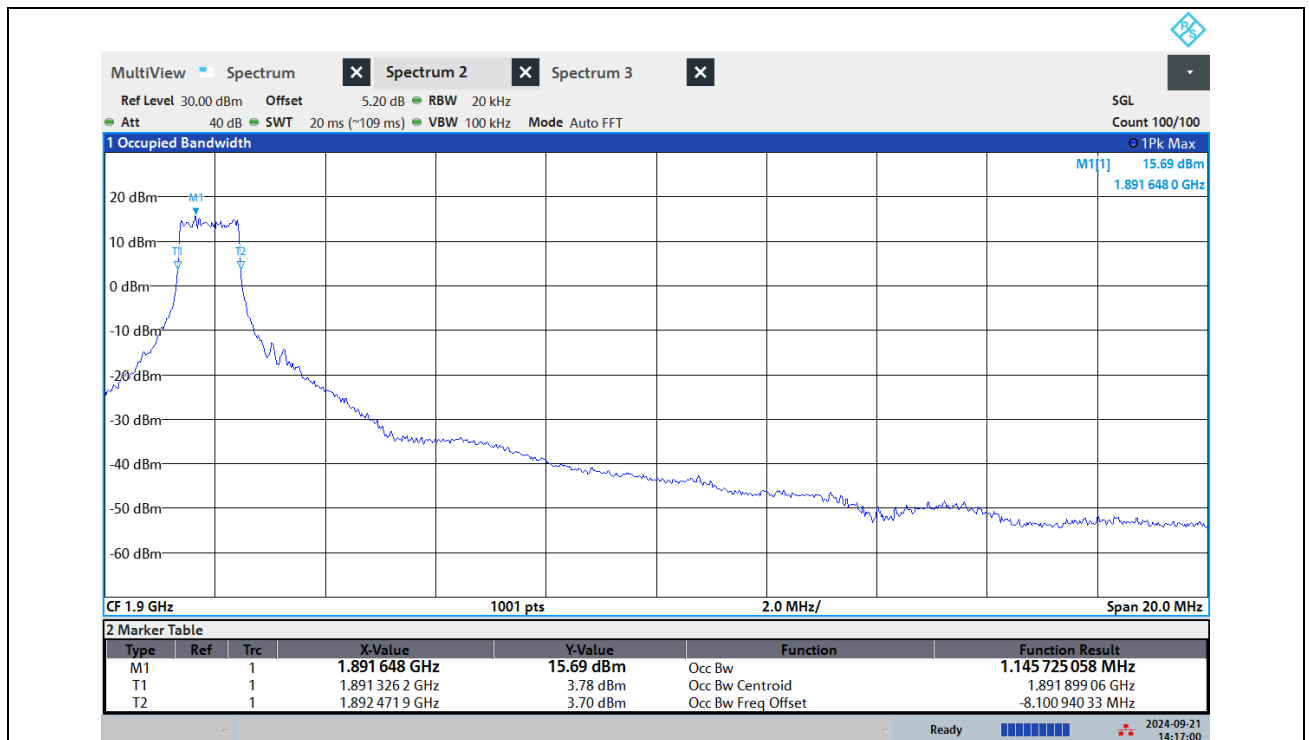


Band2-20MHz-16QAM-19100-6RB#0

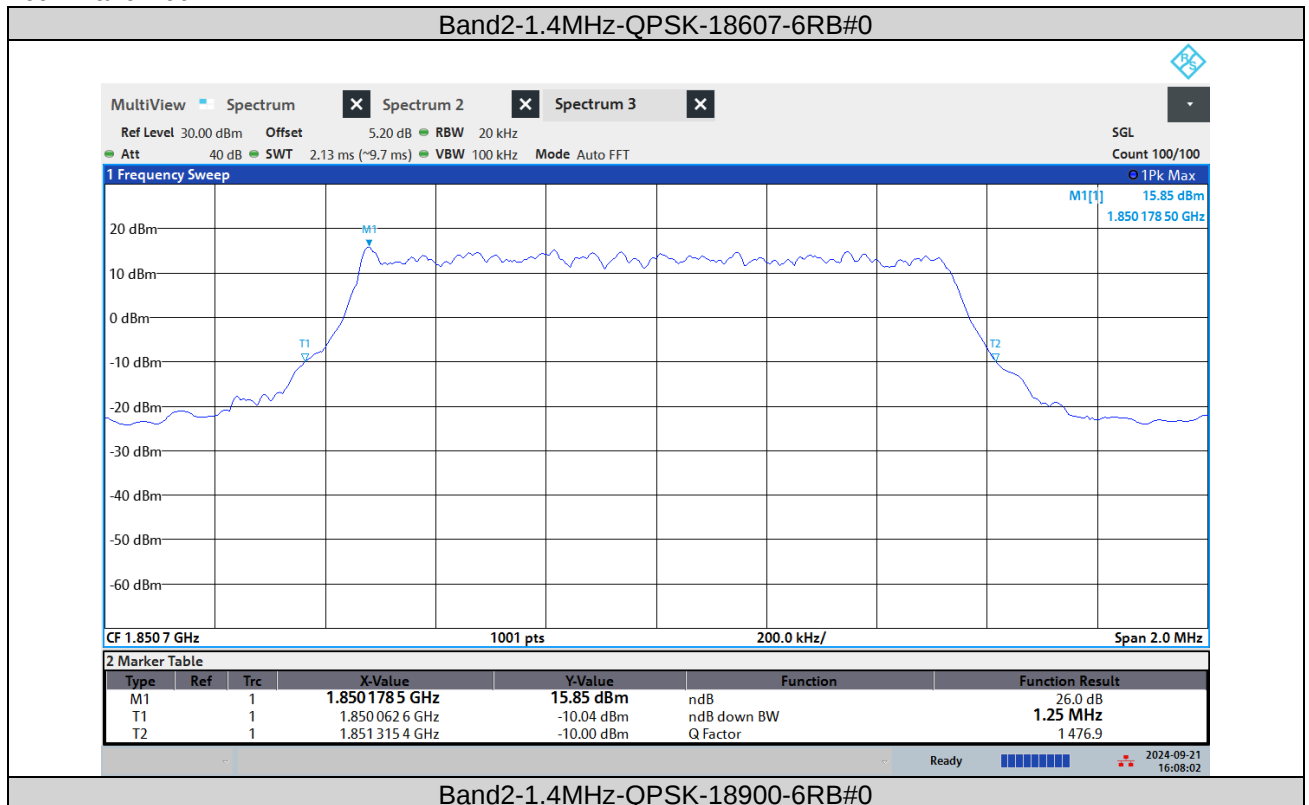


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



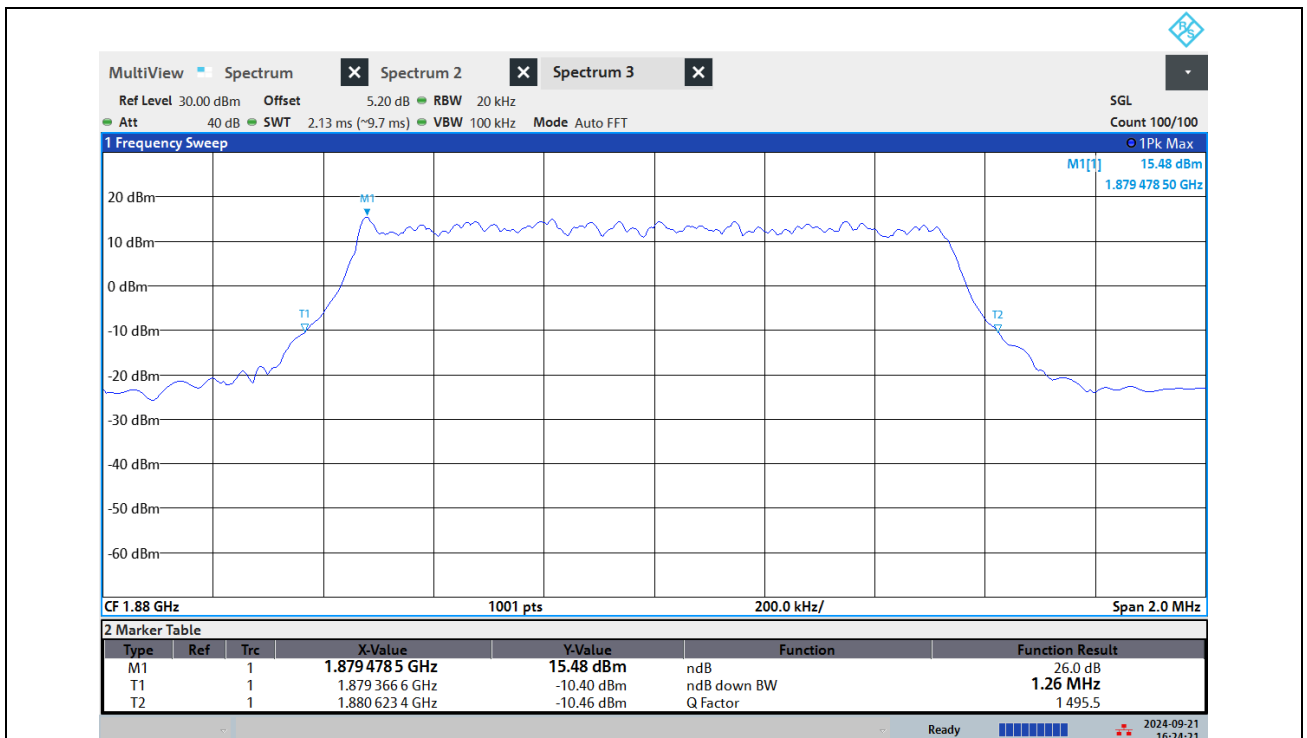
26dB Bandwidth



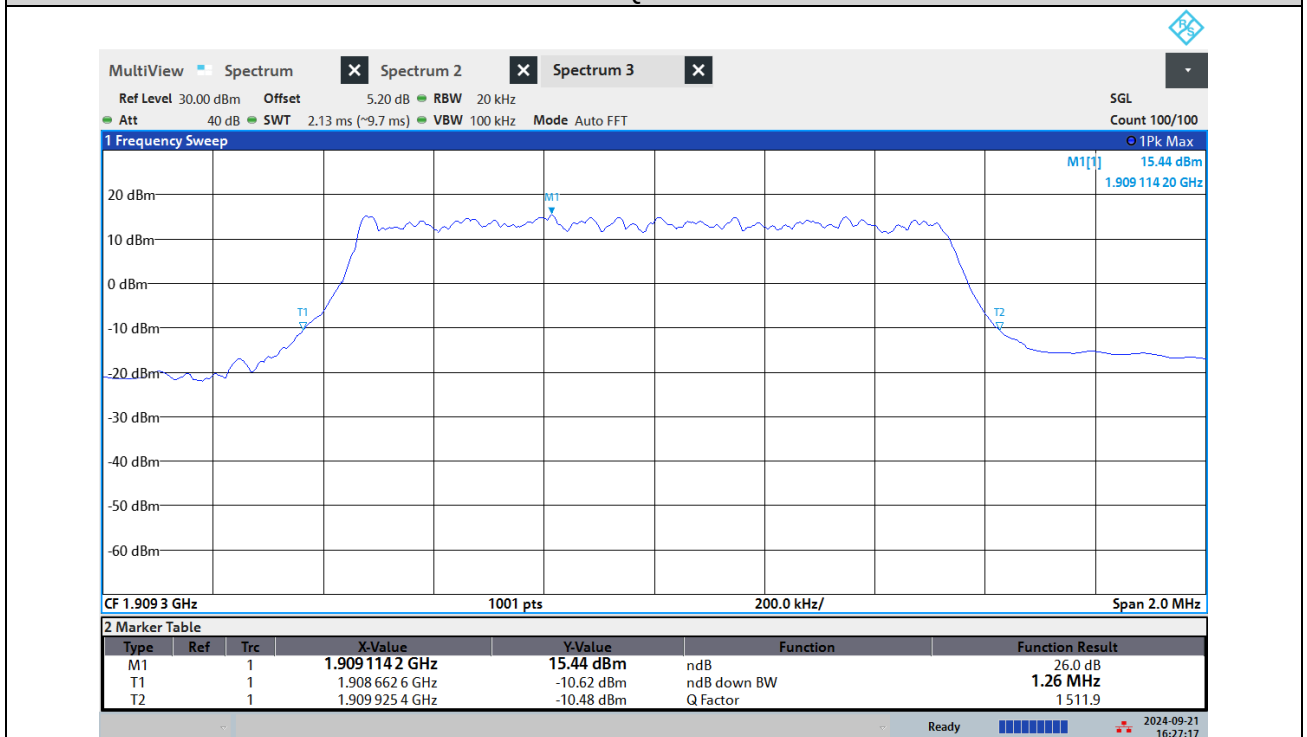


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-1.4MHz-QPSK-19193-6RB#0

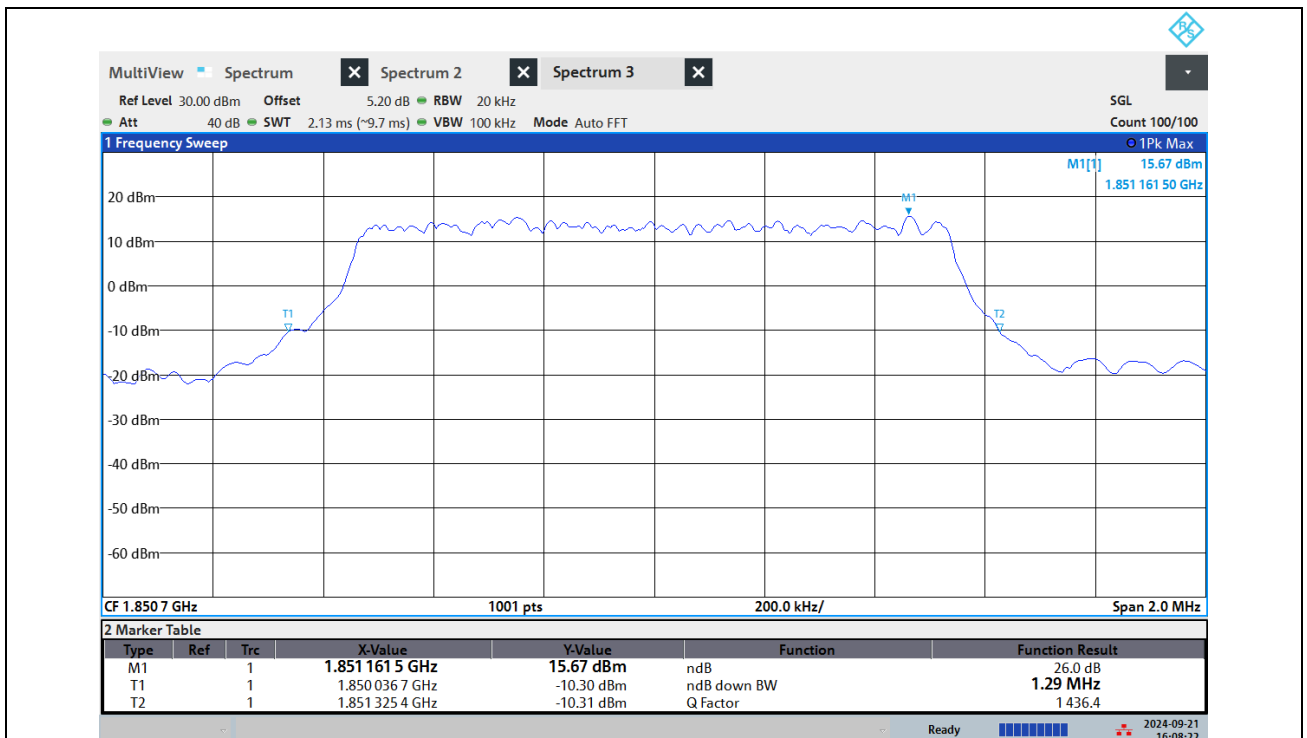


Band2-1.4MHz-16QAM-18607-6RB#0

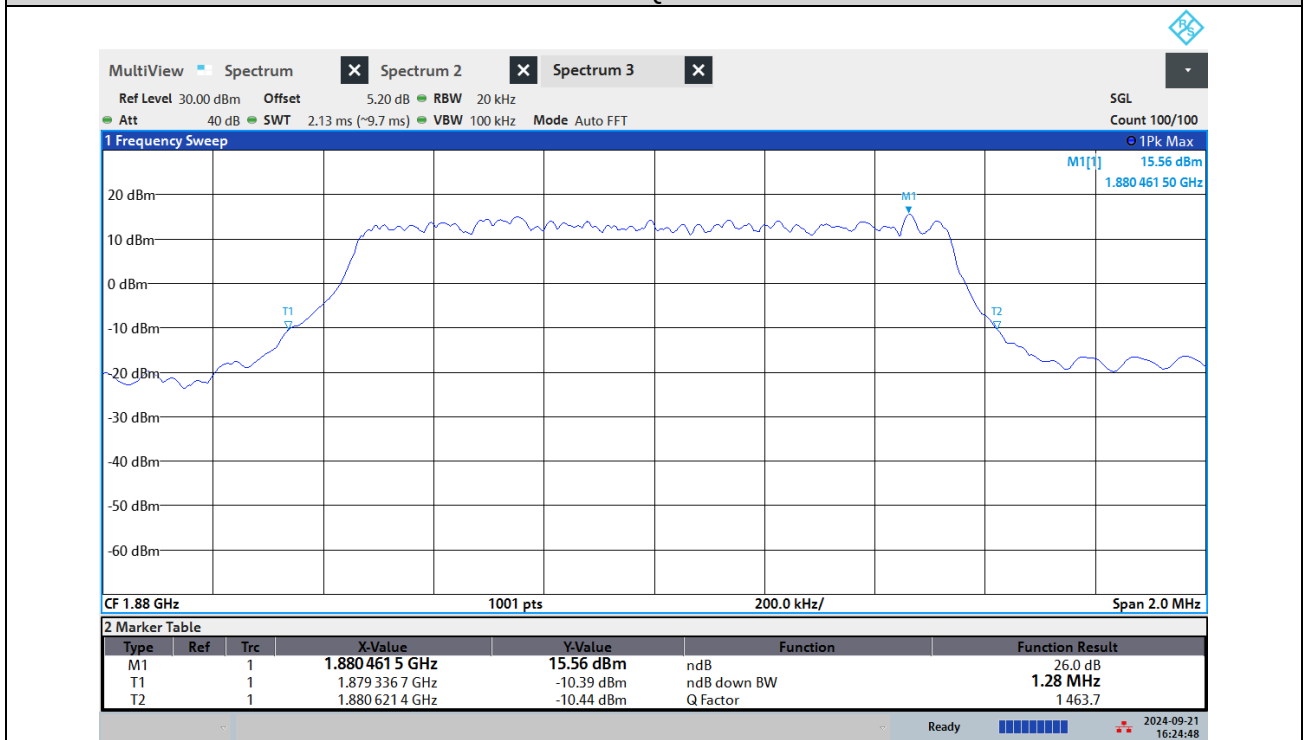


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-1.4MHz-16QAM-18900-6RB#0

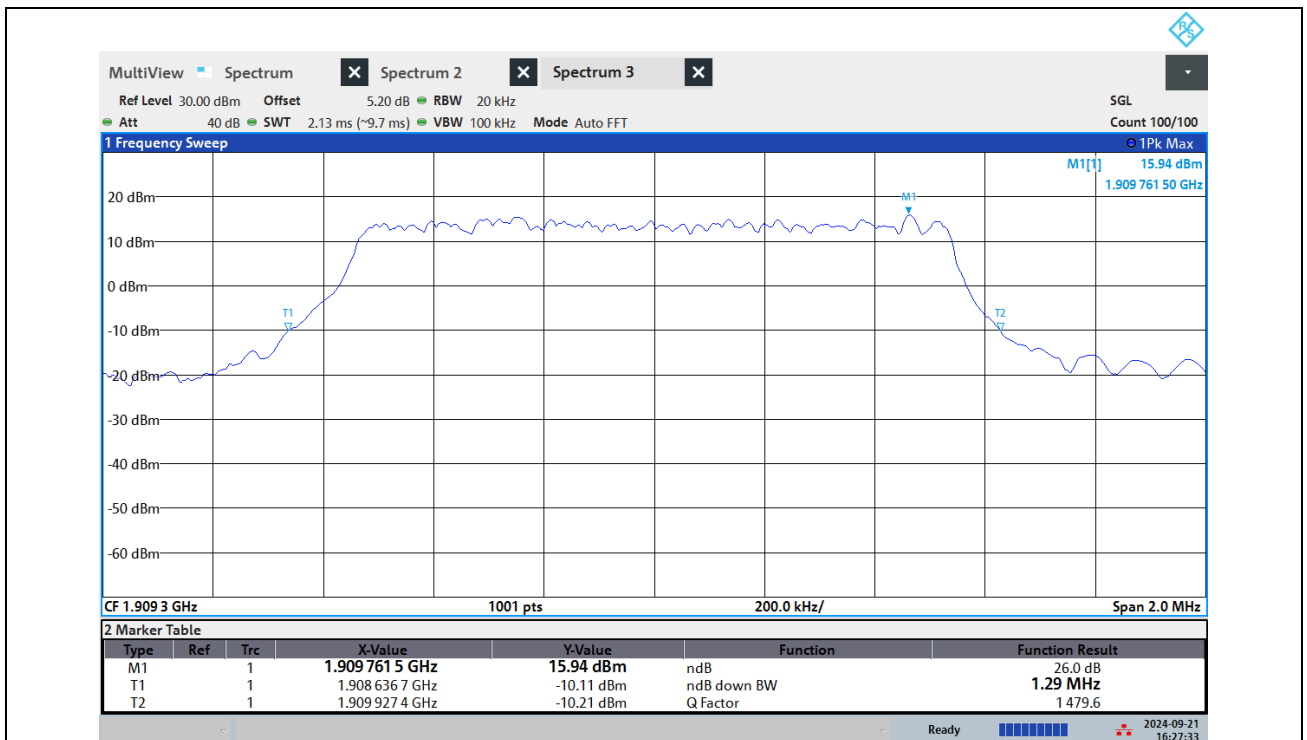


Band2-1.4MHz-16QAM-19193-6RB#0

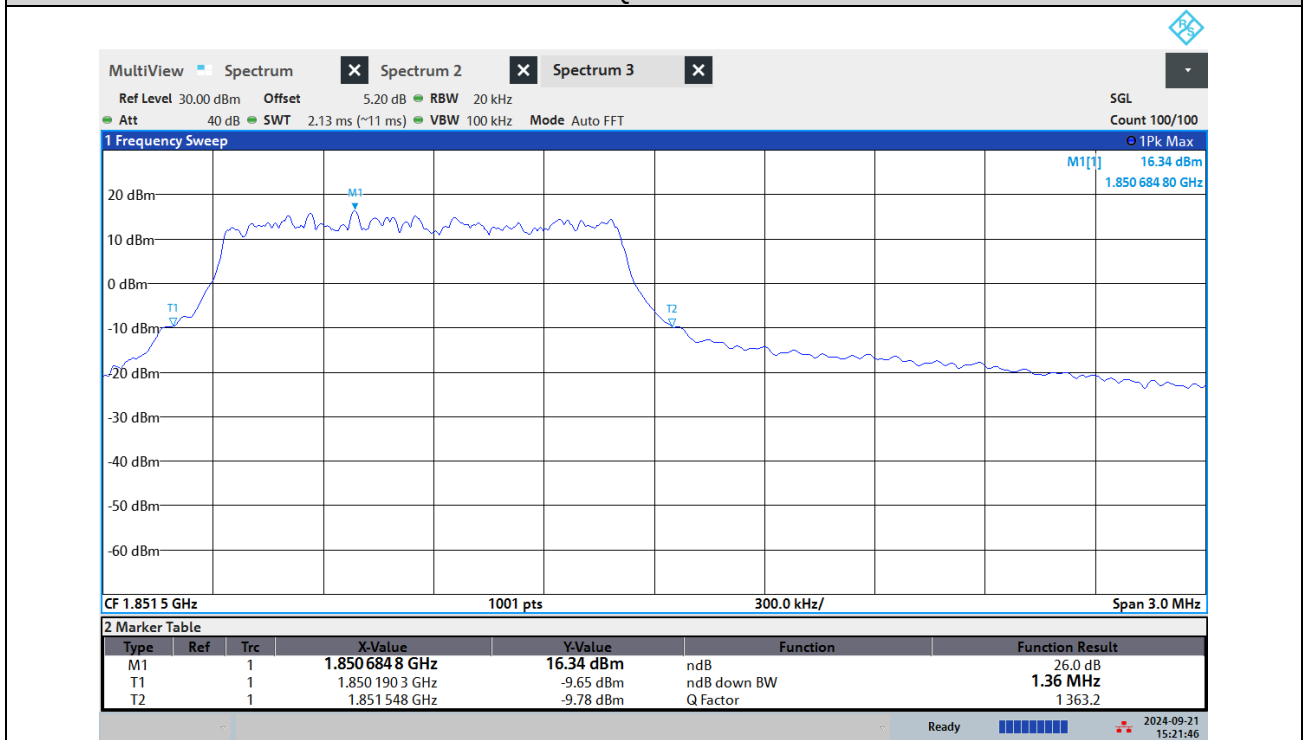


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-3MHz-QPSK-18615-6RB#0

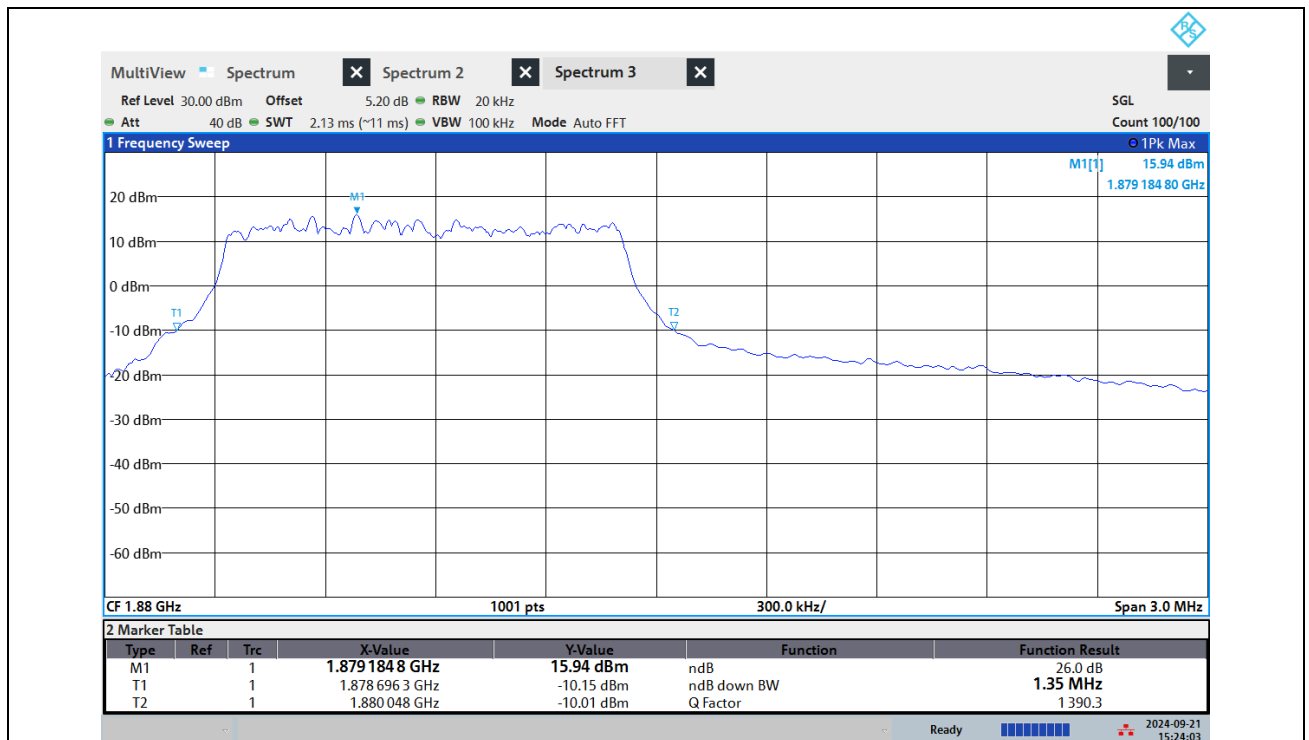


Band2-3MHz-QPSK-18900-6RB#0

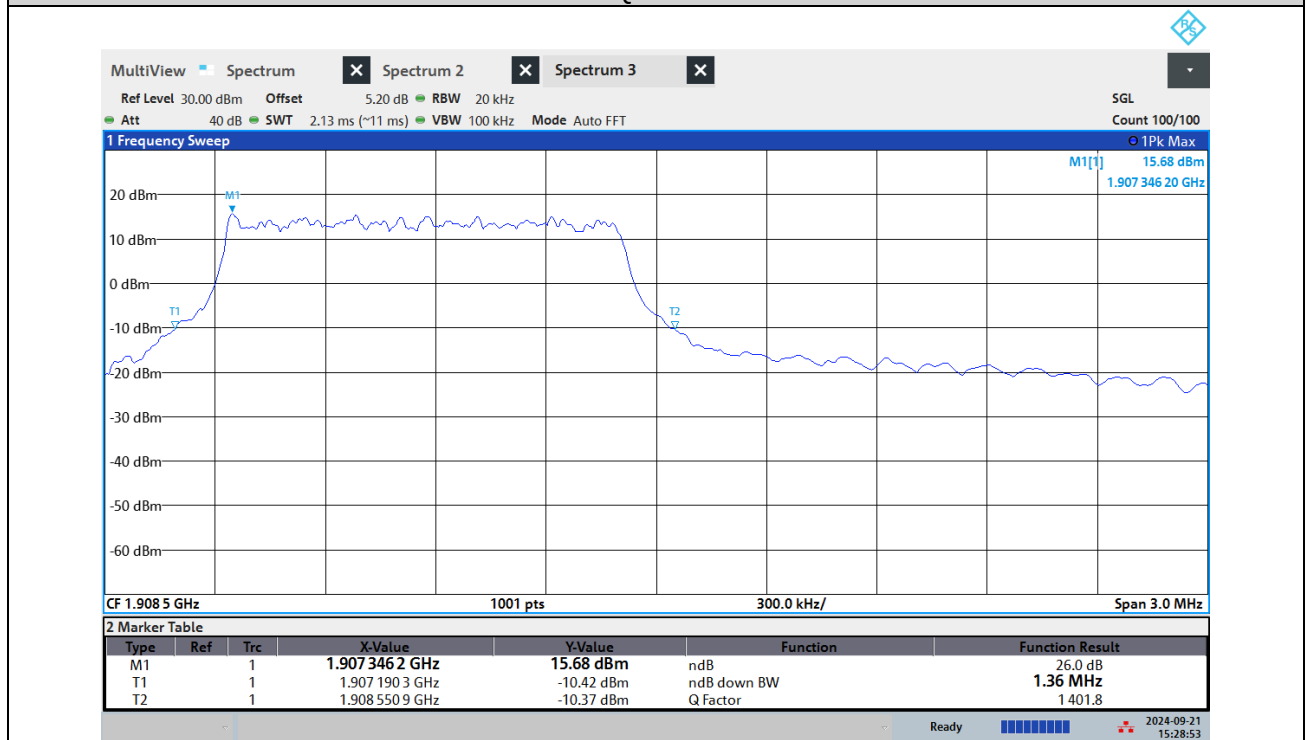


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-3MHz-QPSK-19185-6RB#0

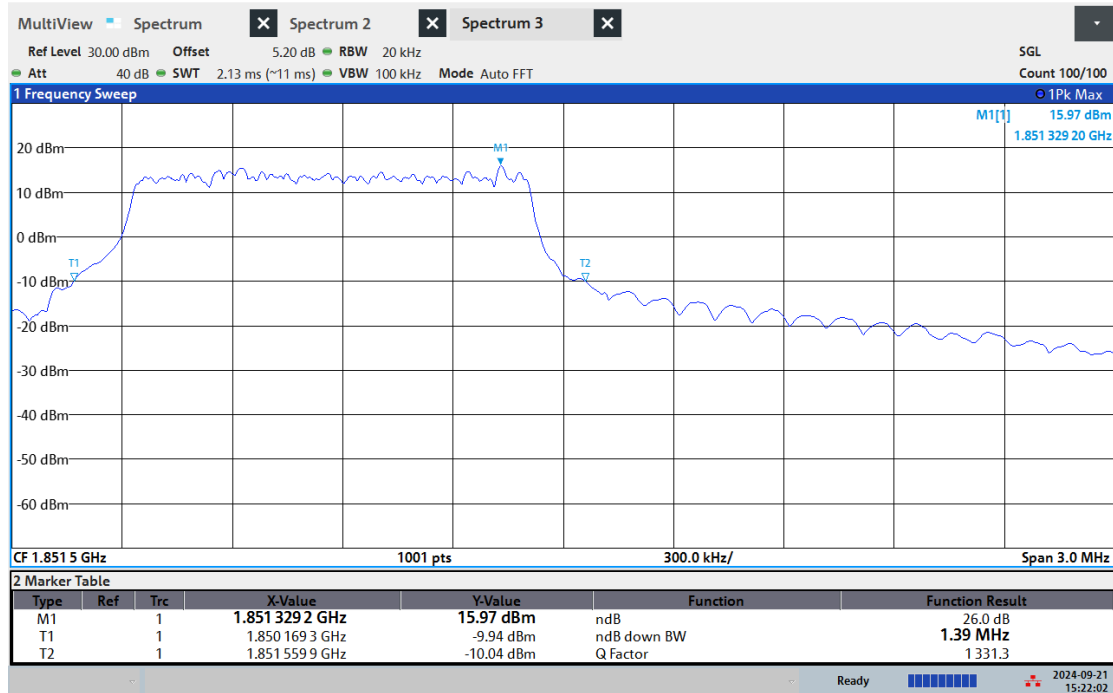


Band2-3MHz-16QAM-18615-6RB#0

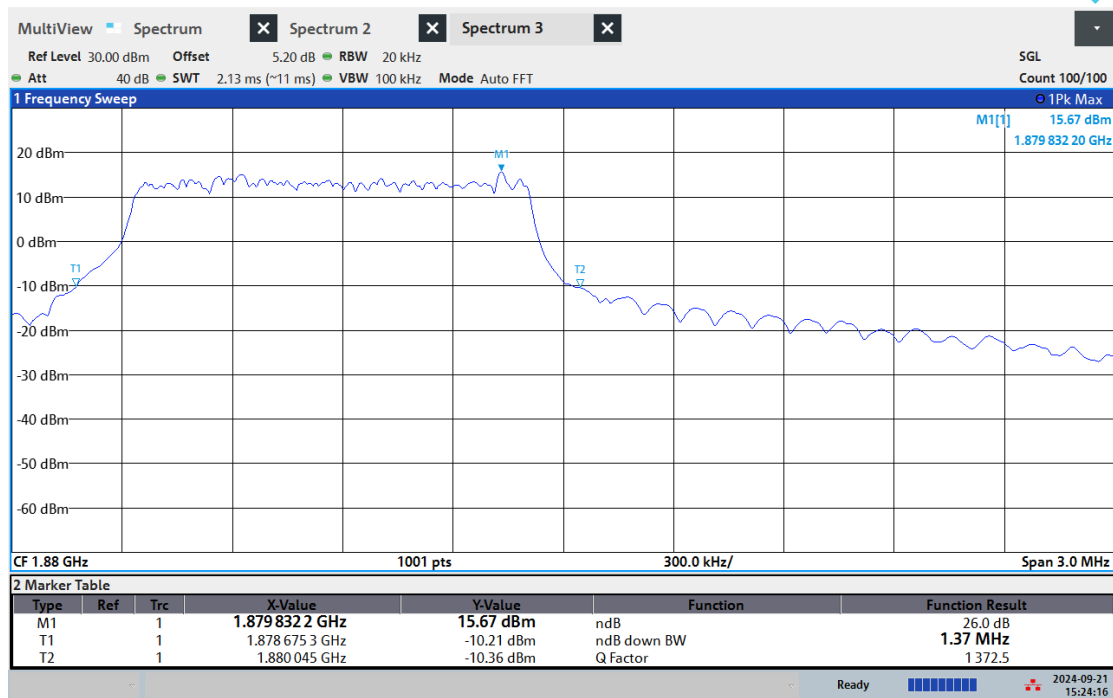


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-3MHz-16QAM-18900-6RB#0

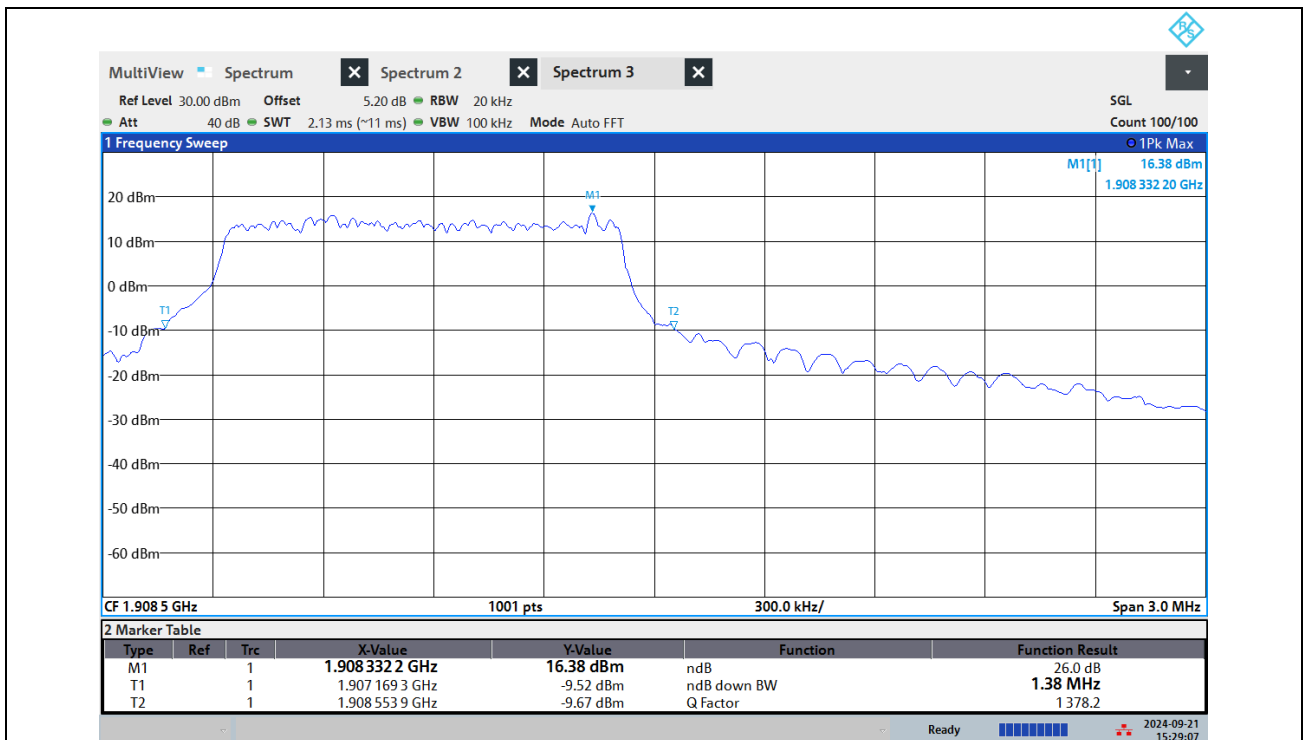


Band2-3MHz-16QAM-19185-6RB#0

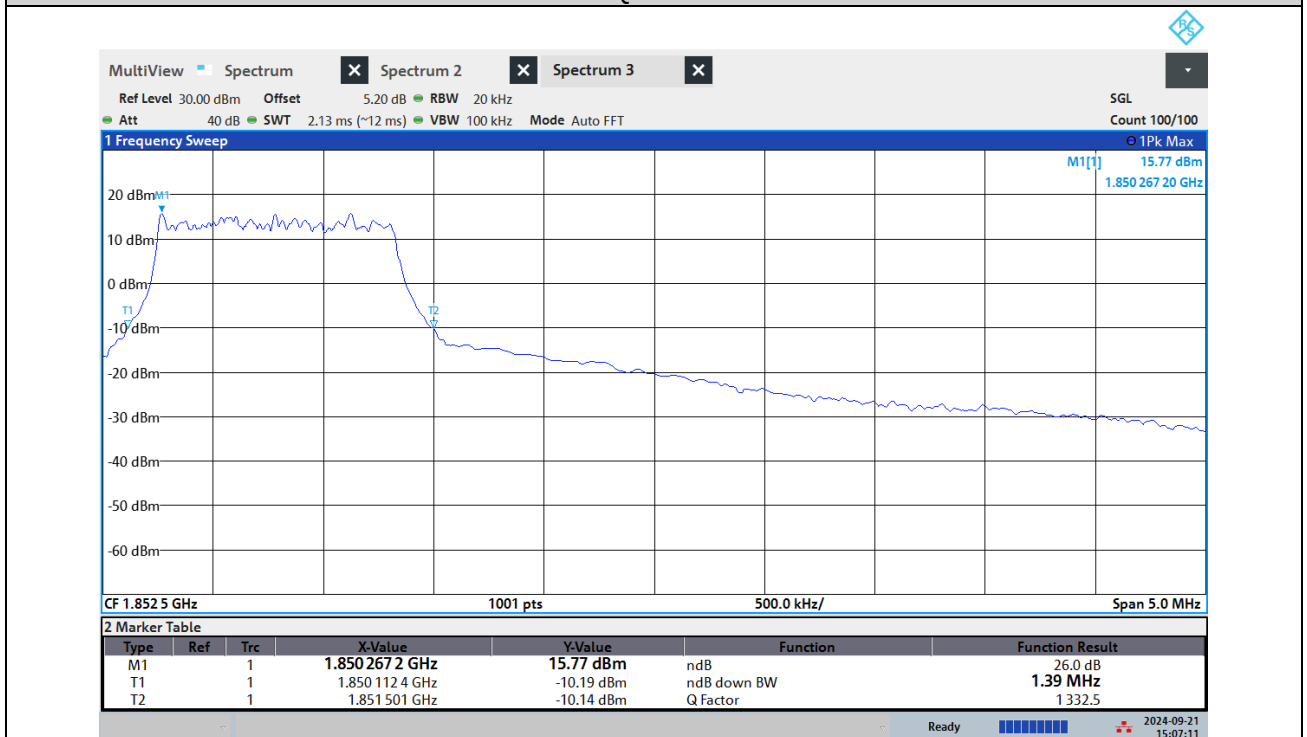


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-5MHz-QPSK-18625-6RB#0

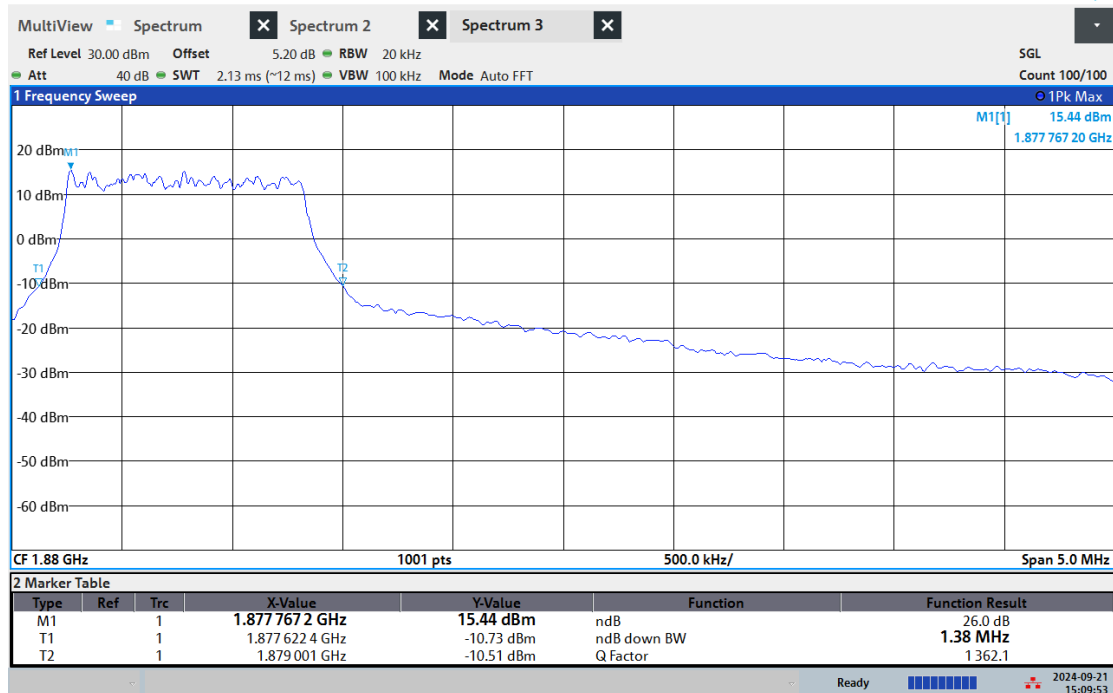


Band2-5MHz-QPSK-18900-6RB#0

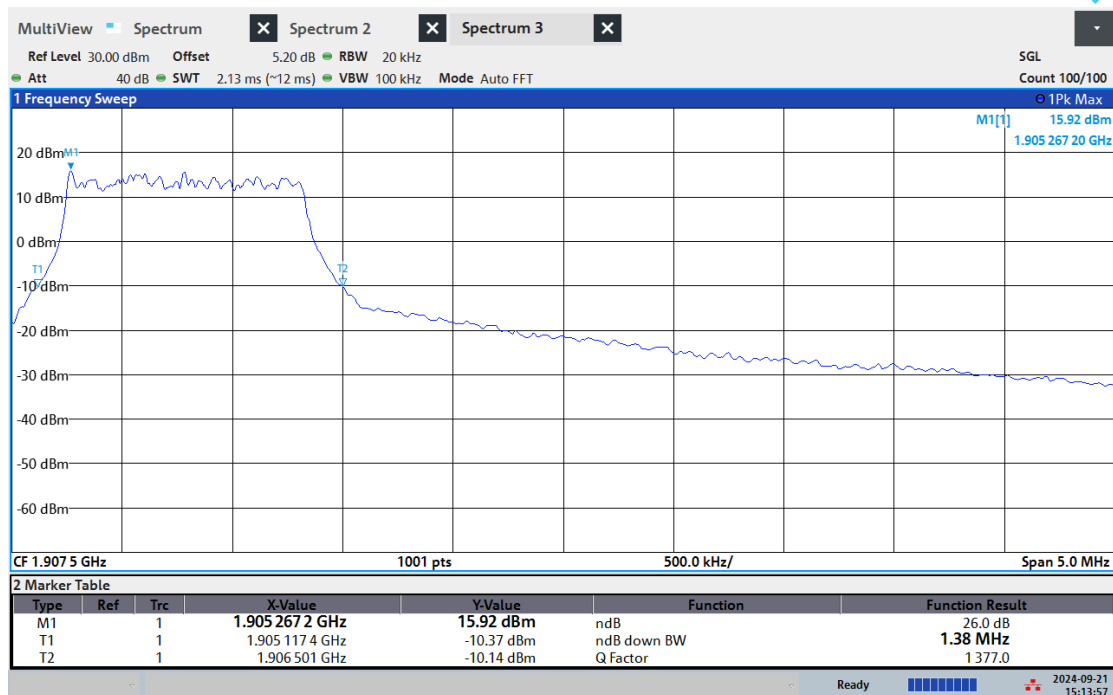


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-5MHz-QPSK-19175-6RB#0

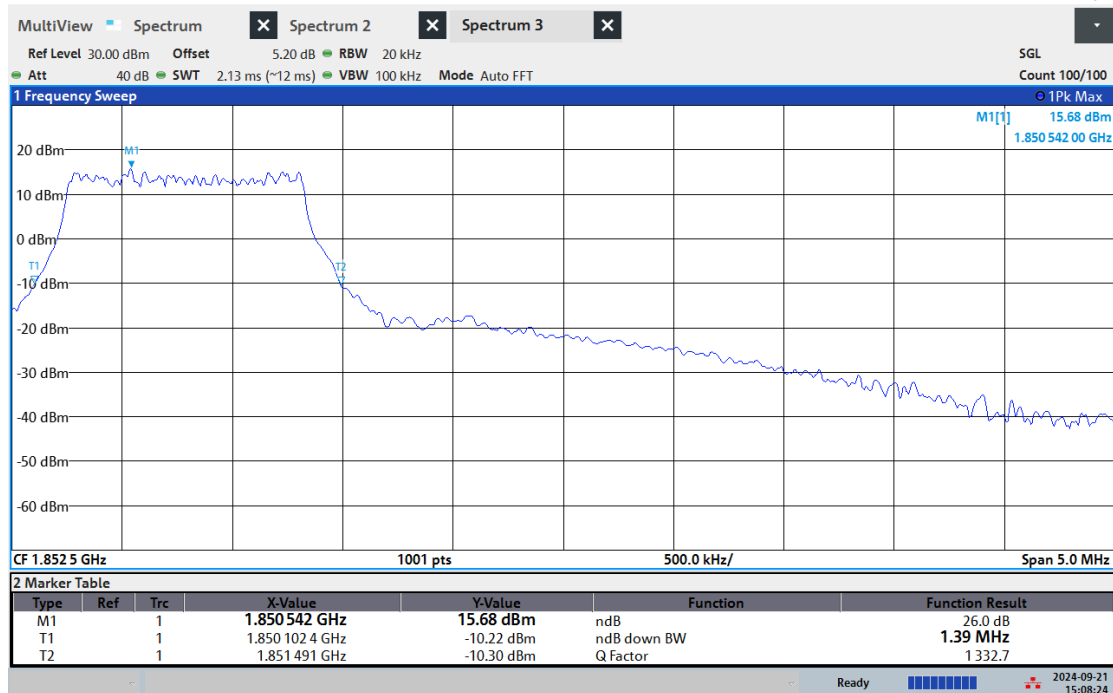


Band2-5MHz-16QAM-18625-6RB#0

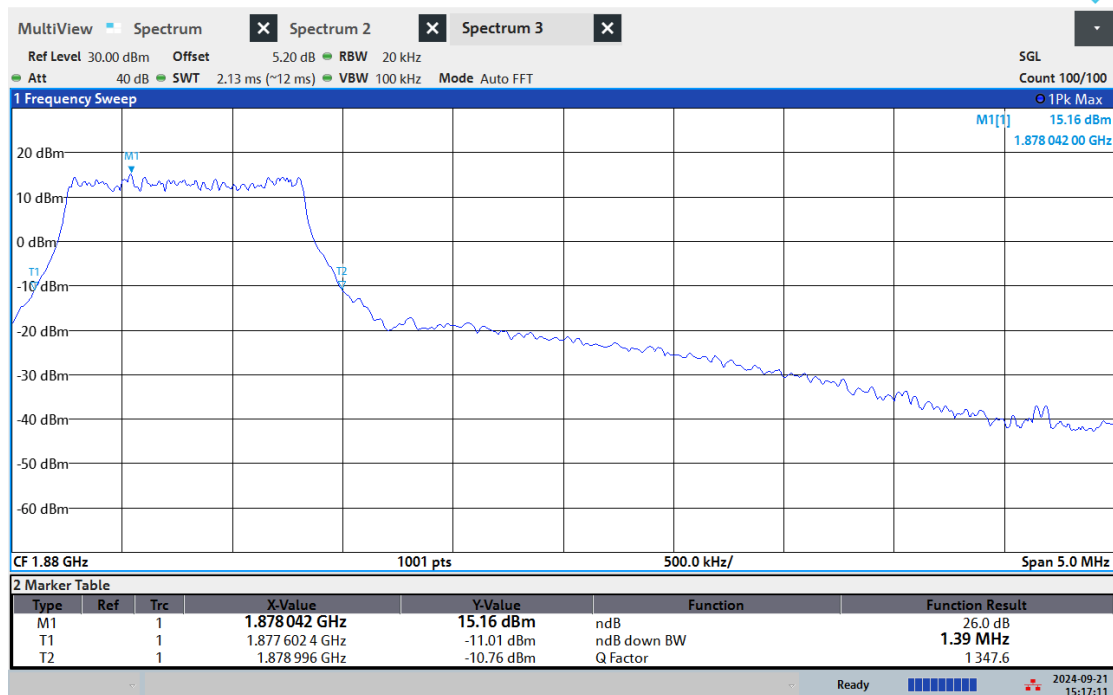


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-5MHz-16QAM-18900-6RB#0

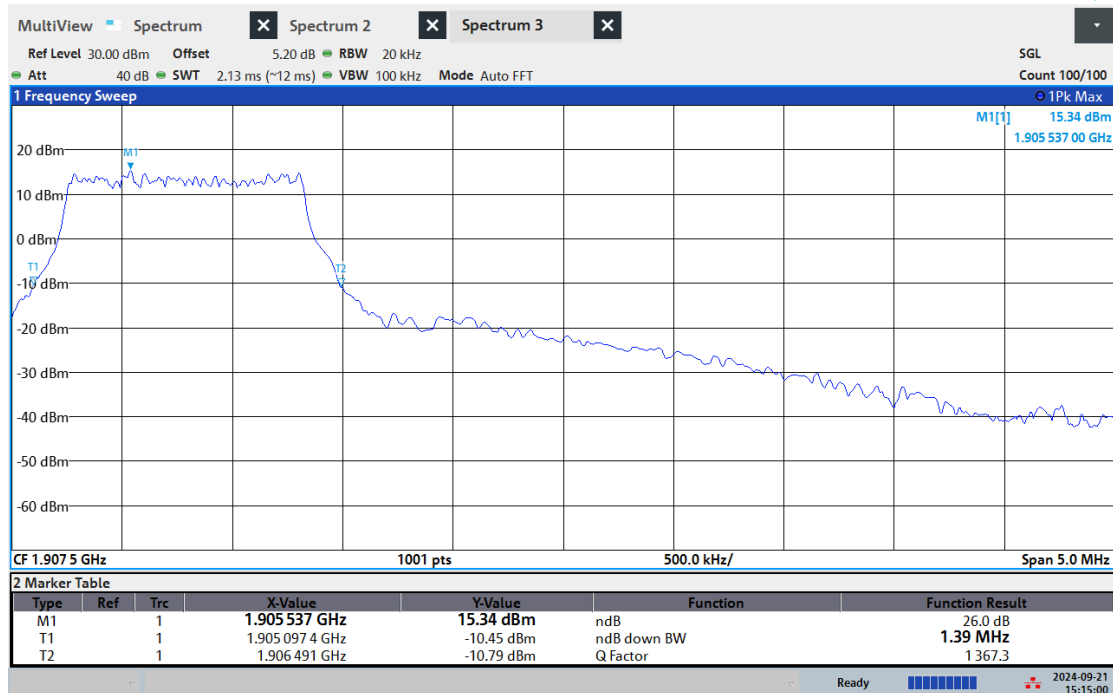


Band2-5MHz-16QAM-19175-6RB#0

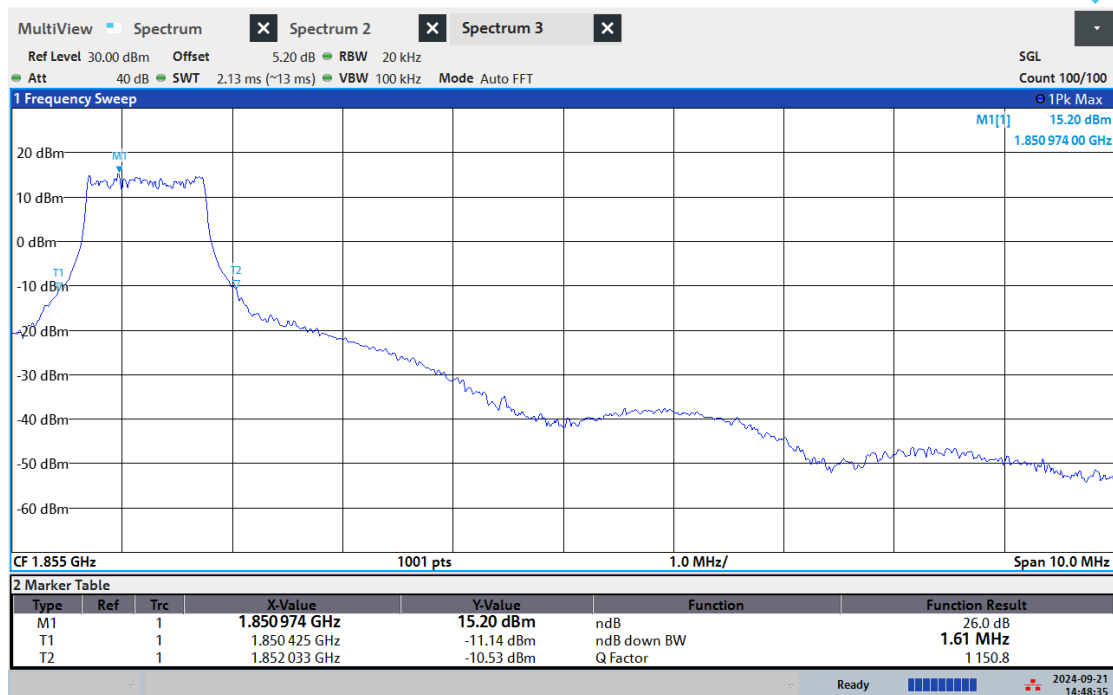


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-10MHz-QPSK-18650-6RB#0

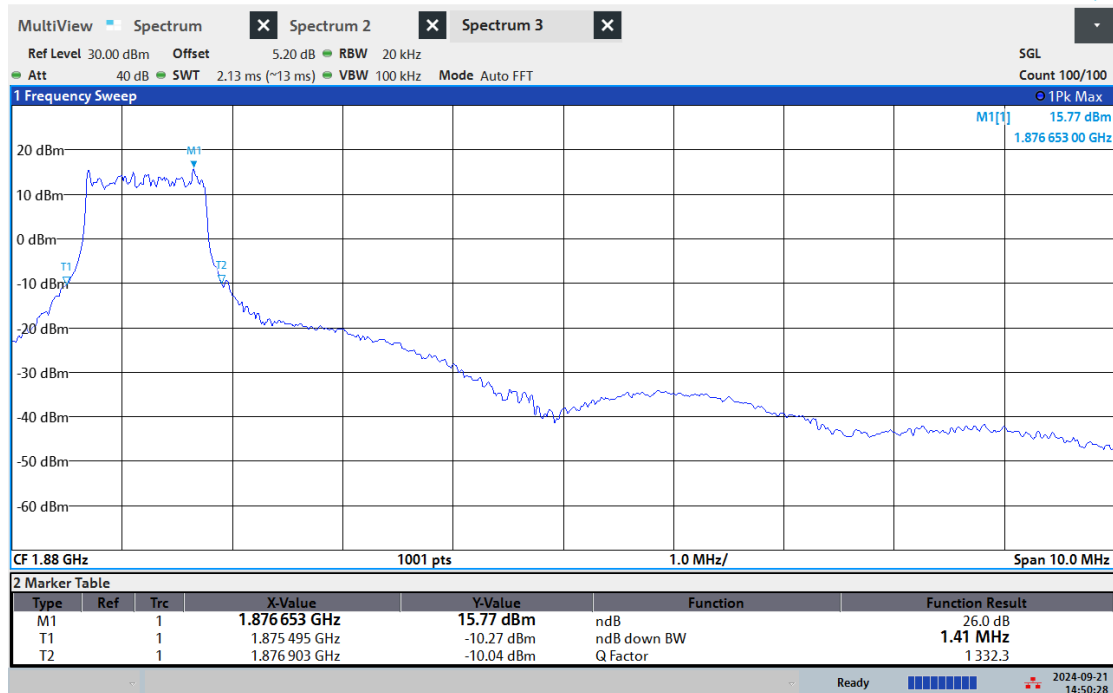


Band2-10MHz-QPSK-18900-6RB#0

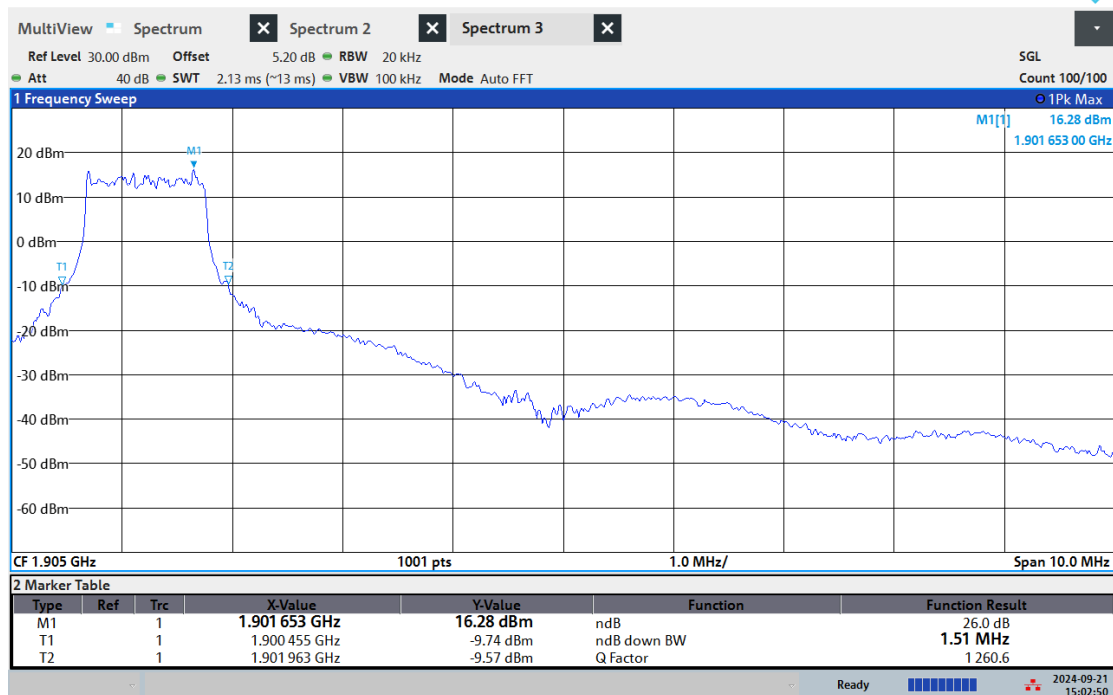


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-10MHz-QPSK-19150-6RB#0

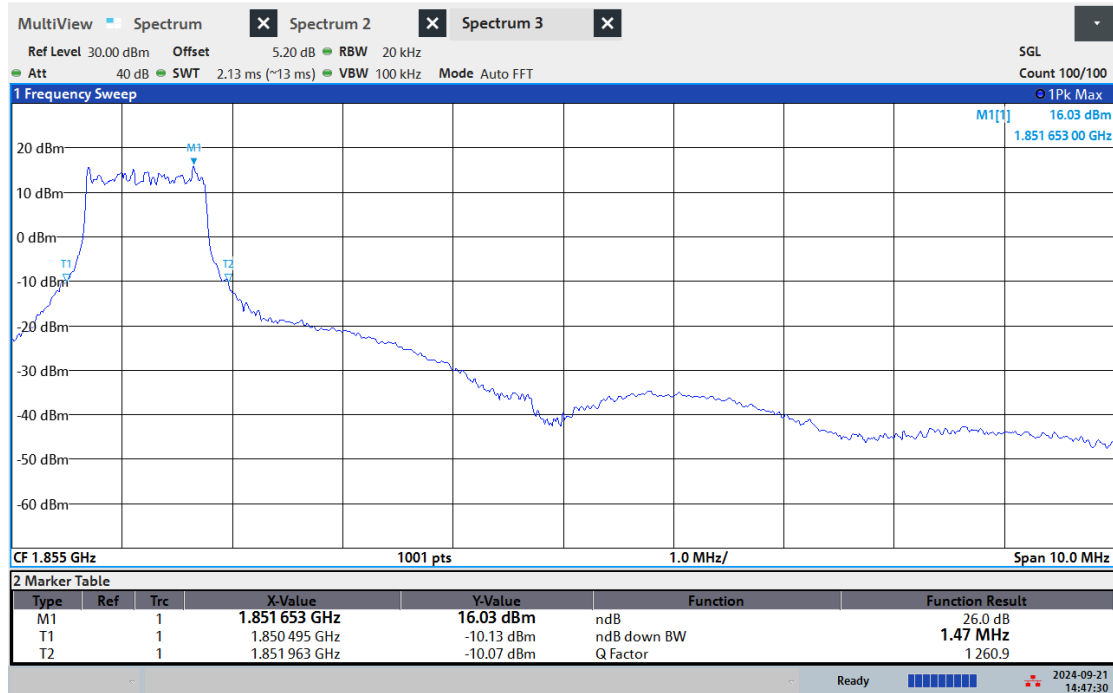


Band2-10MHz-16QAM-18650-6RB#0

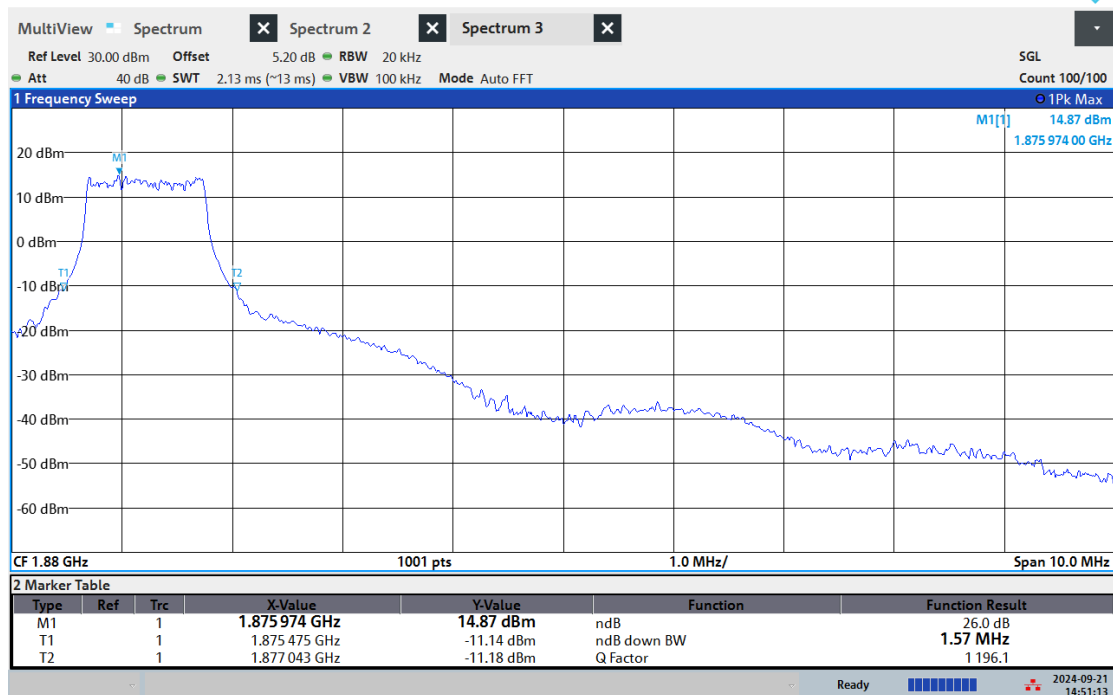


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-10MHz-16QAM-18900-6RB#0

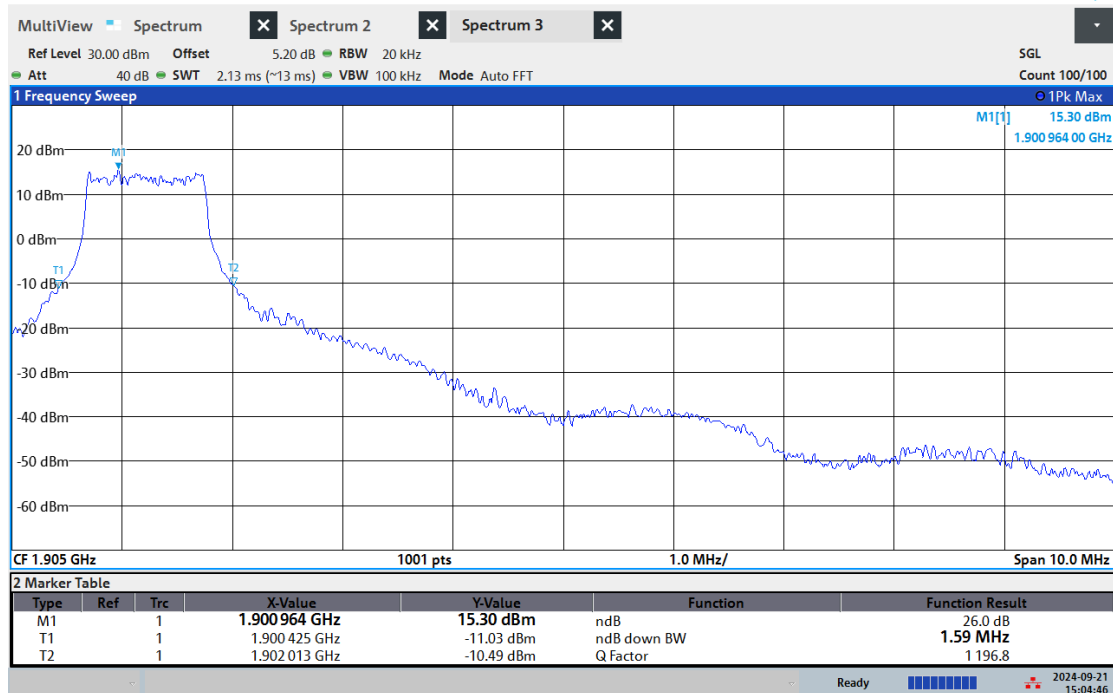


Band2-10MHz-16QAM-19150-6RB#0

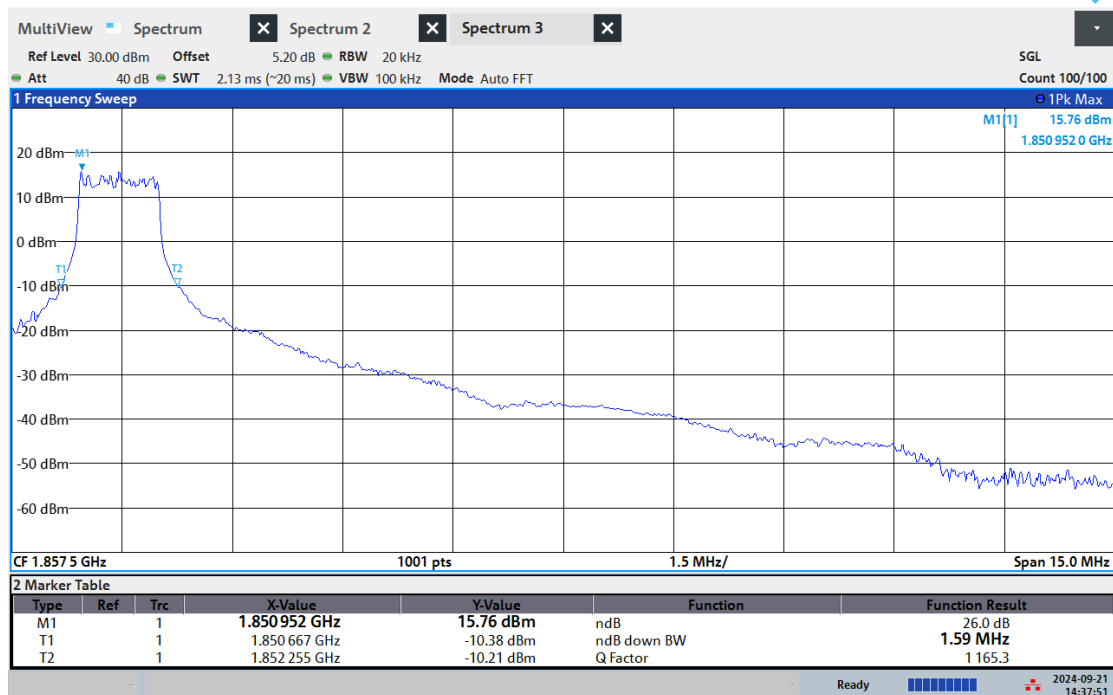


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-15MHz-QPSK-18675-6RB#0

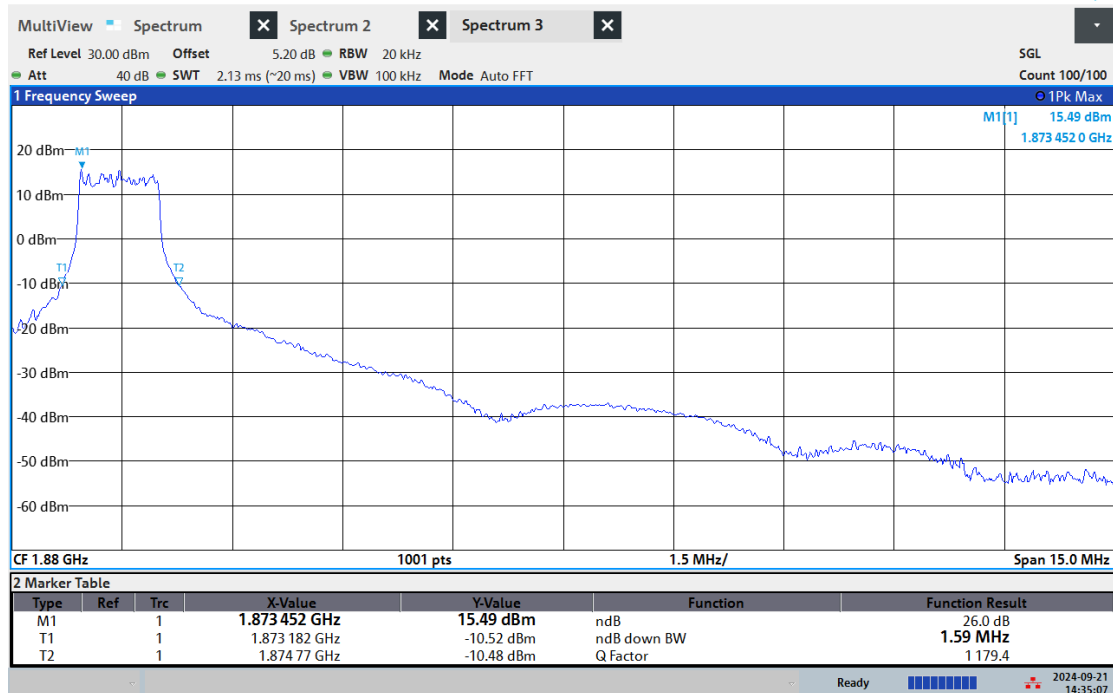


Band2-15MHz-QPSK-18900-6RB#0

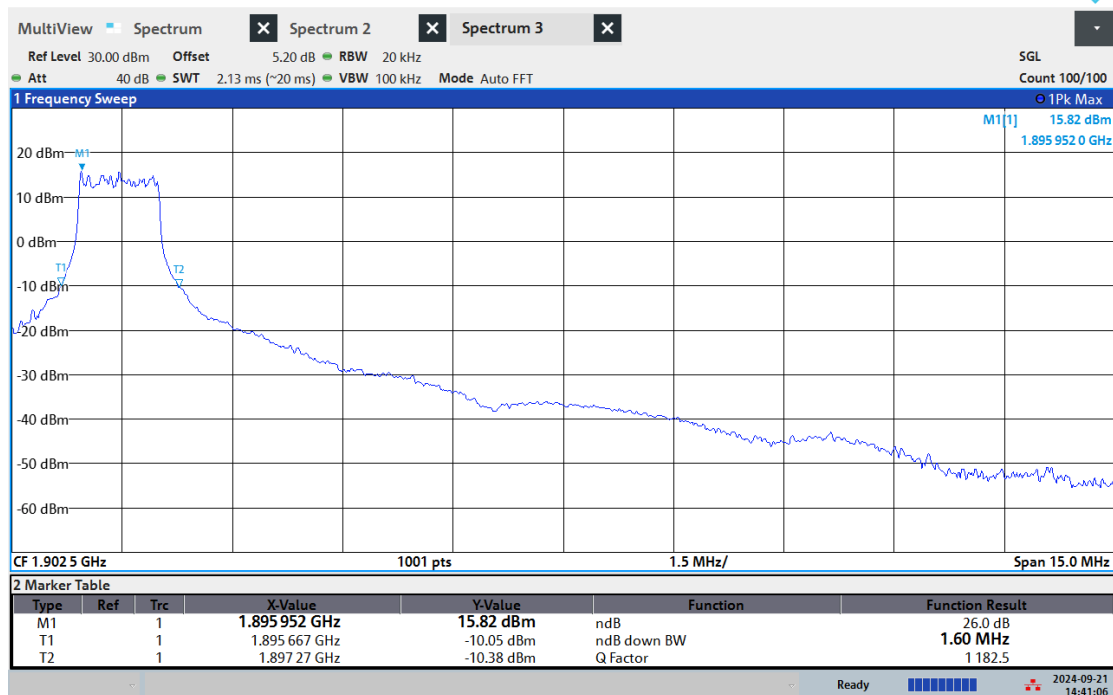


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-15MHz-QPSK-19125-6RB#0

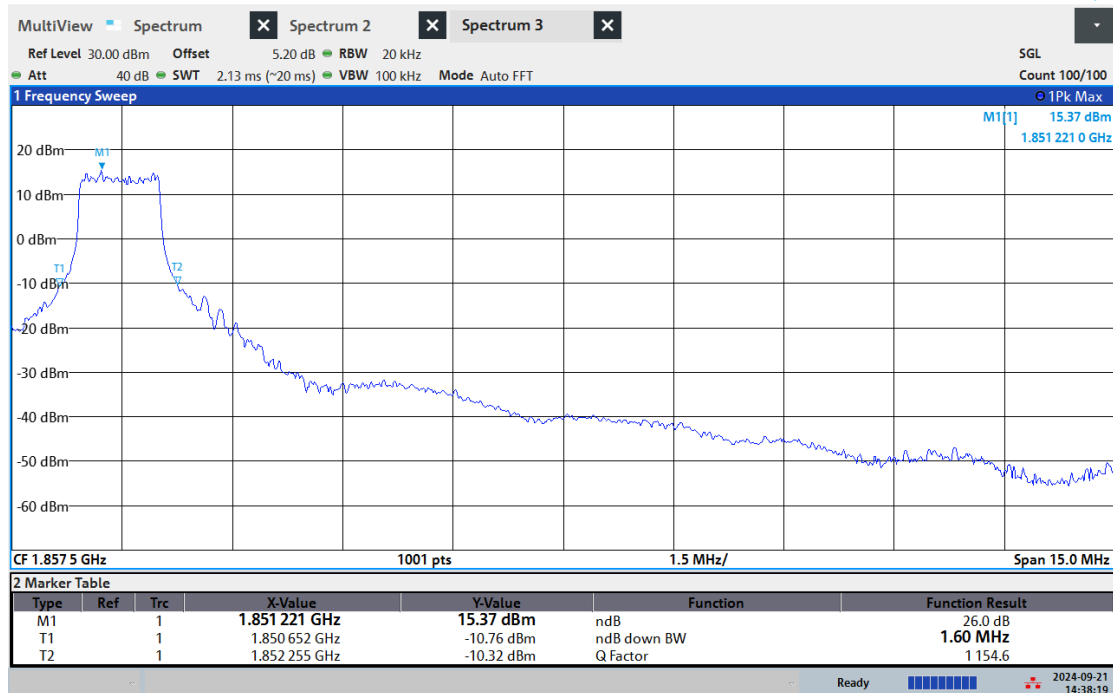


Band2-15MHz-16QAM-18675-6RB#0

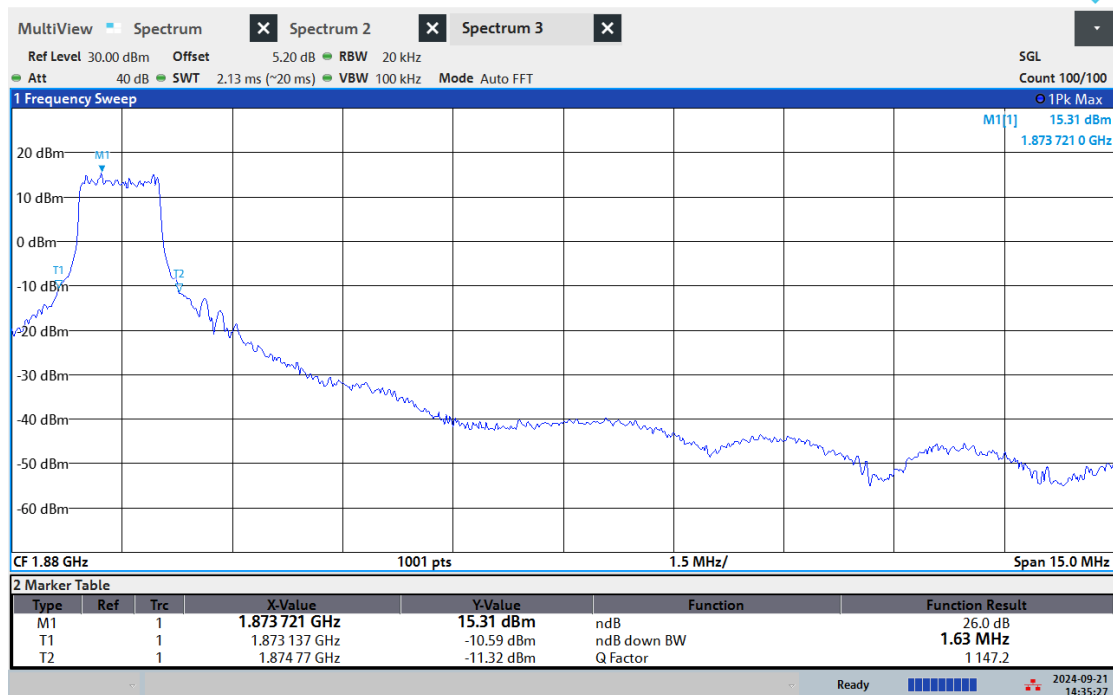


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-15MHz-16QAM-18900-6RB#0

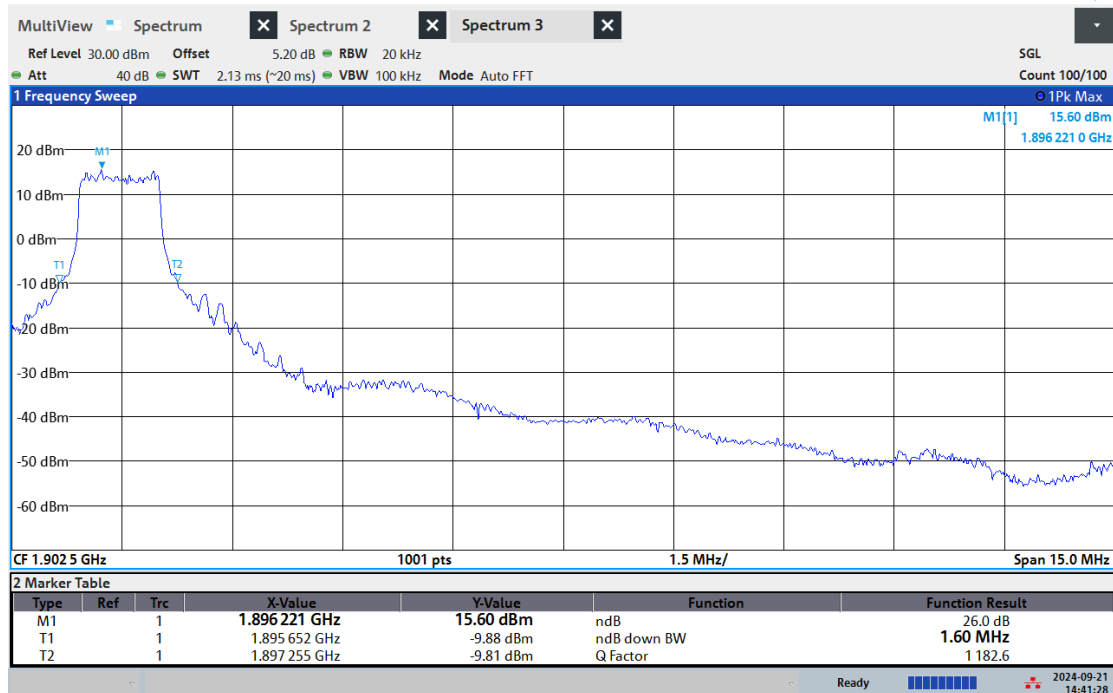


Band2-15MHz-16QAM-19125-6RB#0

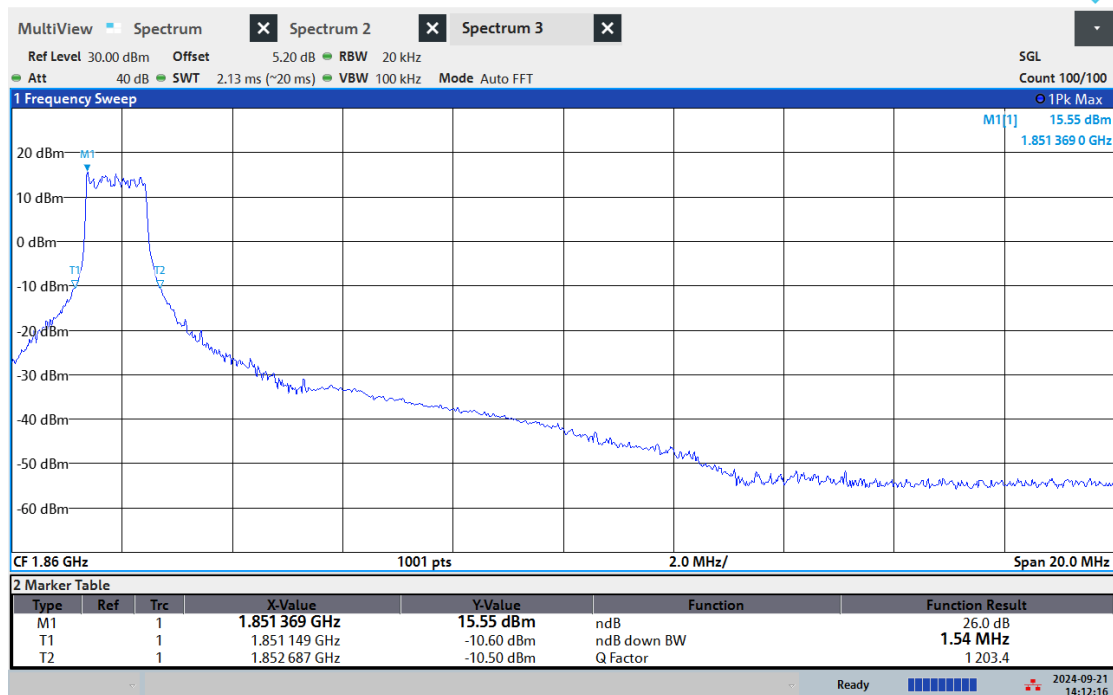


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-20MHz-QPSK-18700-6RB#0

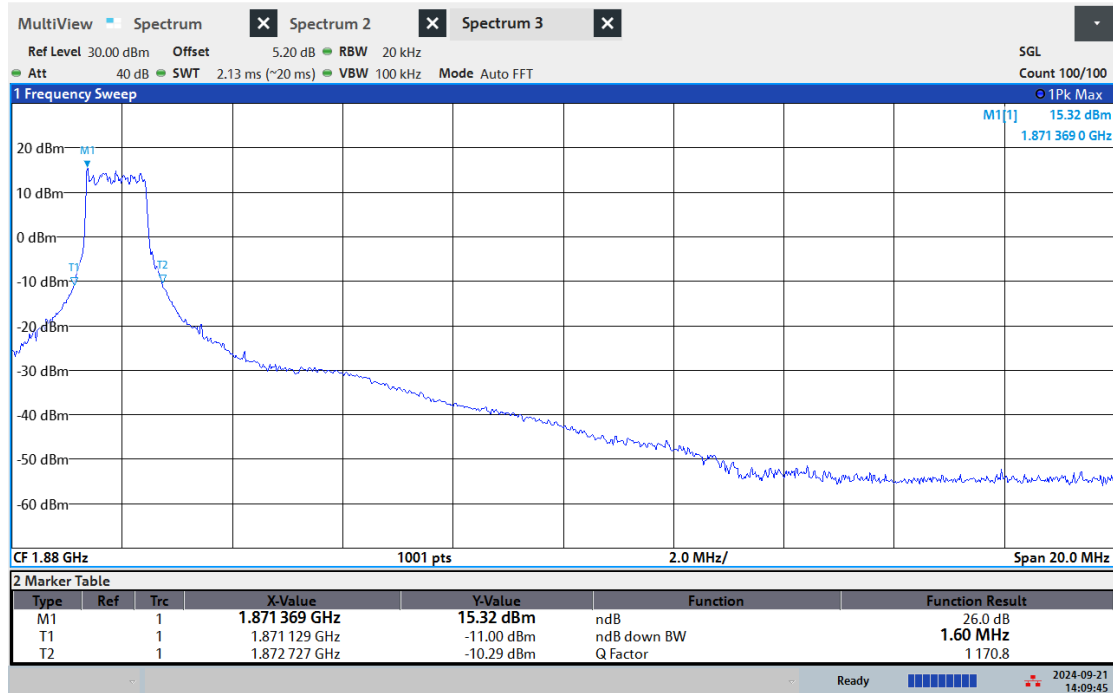


Band2-20MHz-QPSK-18900-6RB#0

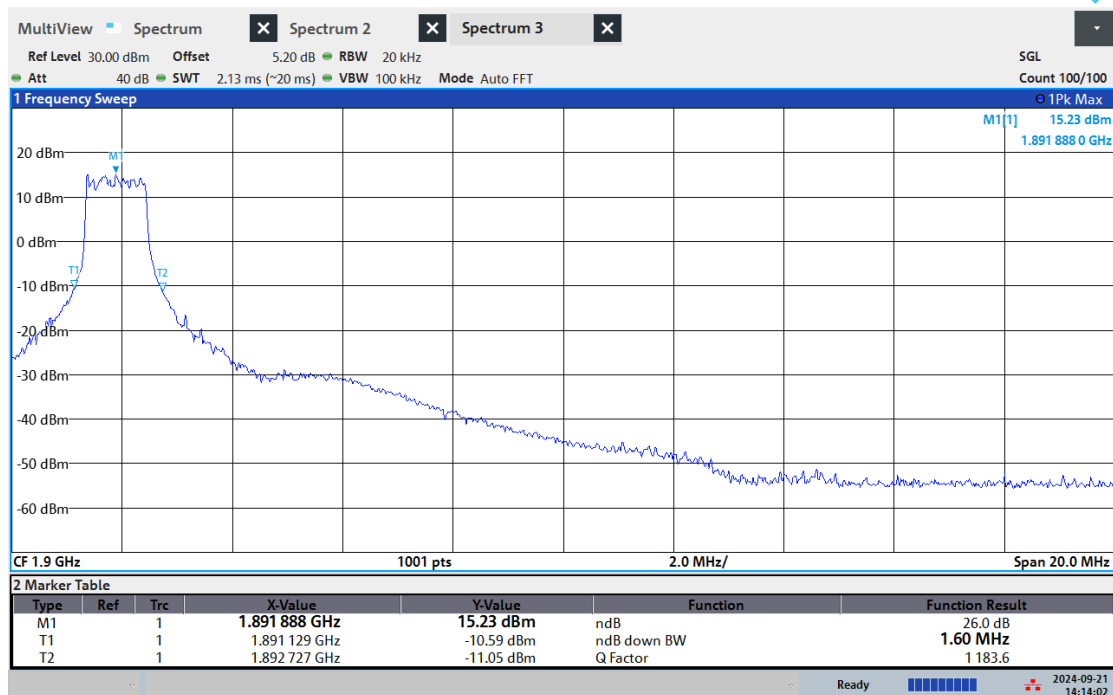


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-20MHz-QPSK-19100-6RB#0

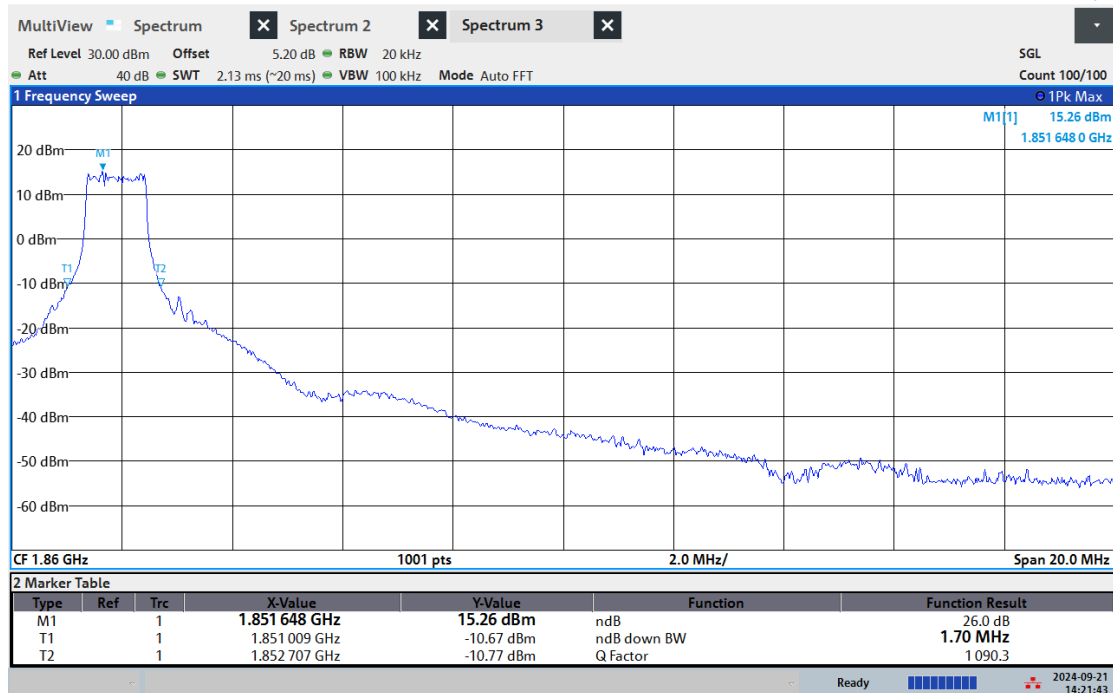


Band2-20MHz-16QAM-18700-6RB#0

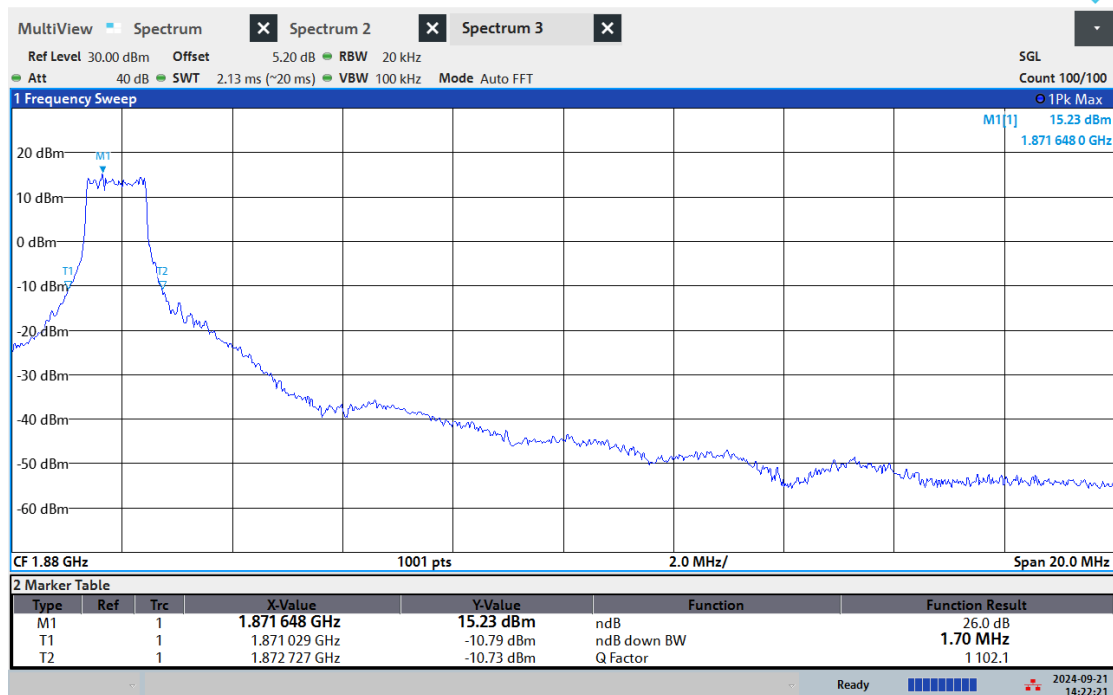


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-20MHz-16QAM-18900-6RB#0

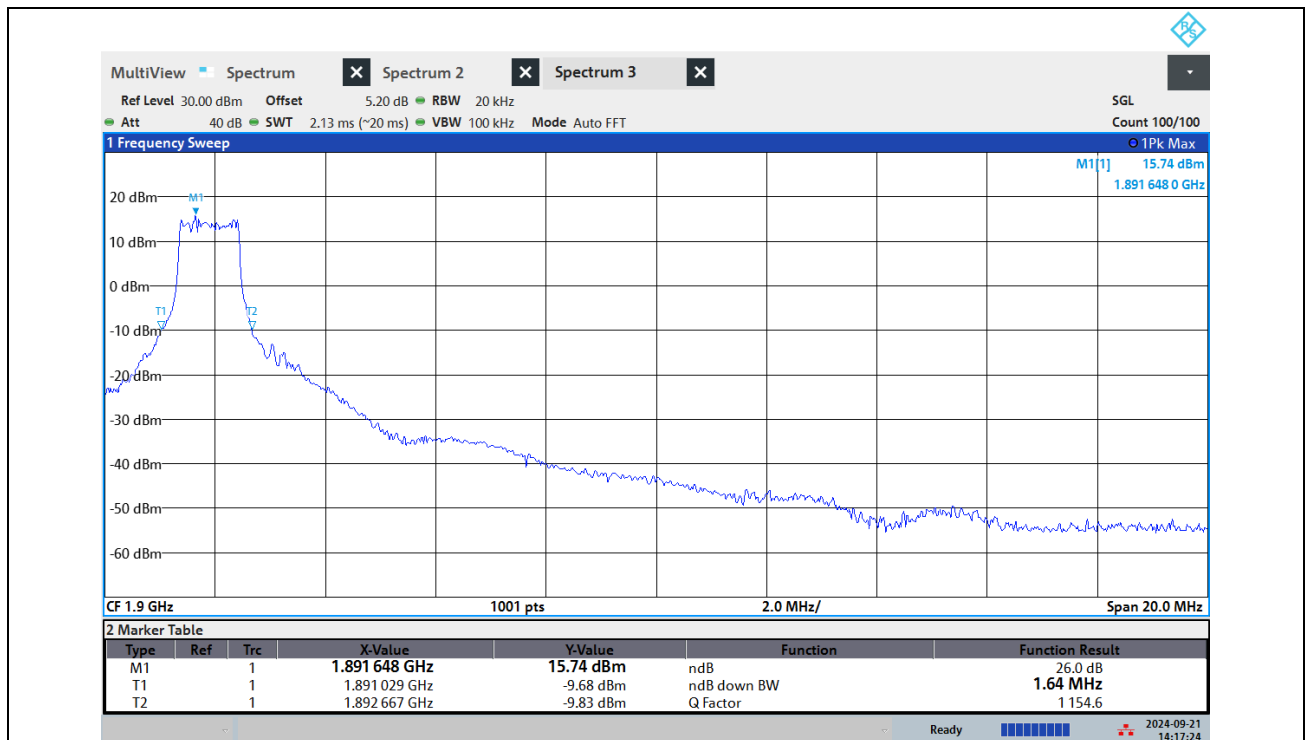


Band2-20MHz-16QAM-19100-6RB#0



BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	See Graph	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	See Graph	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	See Graph	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	See Graph	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	See Graph	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	See Graph	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	See Graph	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	See Graph	PASS
Band2	3MHz	QPSK	18615	1RB#0	See Graph	PASS
Band2	3MHz	QPSK	18615	6RB#0	See Graph	PASS
Band2	3MHz	QPSK	19185	1RB#5	See Graph	PASS
Band2	3MHz	QPSK	19185	6RB#0	See Graph	PASS
Band2	3MHz	16QAM	18615	1RB#0	See Graph	PASS
Band2	3MHz	16QAM	18615	6RB#0	See Graph	PASS
Band2	3MHz	16QAM	19185	1RB#5	See Graph	PASS
Band2	3MHz	16QAM	19185	6RB#0	See Graph	PASS
Band2	5MHz	QPSK	18625	1RB#0	See Graph	PASS
Band2	5MHz	QPSK	18625	6RB#0	See Graph	PASS
Band2	5MHz	QPSK	19175	1RB#5	See Graph	PASS
Band2	5MHz	QPSK	19175	6RB#0	See Graph	PASS
Band2	5MHz	16QAM	18625	1RB#0	See Graph	PASS
Band2	5MHz	16QAM	18625	6RB#0	See Graph	PASS
Band2	5MHz	16QAM	19175	1RB#5	See Graph	PASS
Band2	5MHz	16QAM	19175	6RB#0	See Graph	PASS
Band2	10MHz	QPSK	18650	1RB#0	See Graph	PASS
Band2	10MHz	QPSK	18650	6RB#0	See Graph	PASS
Band2	10MHz	QPSK	19150	1RB#5	See Graph	PASS
Band2	10MHz	QPSK	19150	6RB#0	See Graph	PASS
Band2	10MHz	16QAM	18650	1RB#0	See Graph	PASS
Band2	10MHz	16QAM	18650	6RB#0	See Graph	PASS
Band2	10MHz	16QAM	19150	1RB#5	See Graph	PASS
Band2	10MHz	16QAM	19150	6RB#0	See Graph	PASS
Band2	15MHz	QPSK	18675	1RB#0	See Graph	PASS
Band2	15MHz	QPSK	18675	6RB#0	See Graph	PASS
Band2	15MHz	QPSK	19125	1RB#5	See Graph	PASS
Band2	15MHz	QPSK	19125	6RB#0	See Graph	PASS
Band2	15MHz	16QAM	18675	1RB#0	See Graph	PASS
Band2	15MHz	16QAM	18675	6RB#0	See Graph	PASS
Band2	15MHz	16QAM	19125	1RB#5	See Graph	PASS
Band2	15MHz	16QAM	19125	6RB#0	See Graph	PASS
Band2	20MHz	QPSK	18700	1RB#0	See Graph	PASS
Band2	20MHz	QPSK	18700	6RB#0	See Graph	PASS
Band2	20MHz	QPSK	19100	1RB#5	See Graph	PASS
Band2	20MHz	QPSK	19100	6RB#0	See Graph	PASS

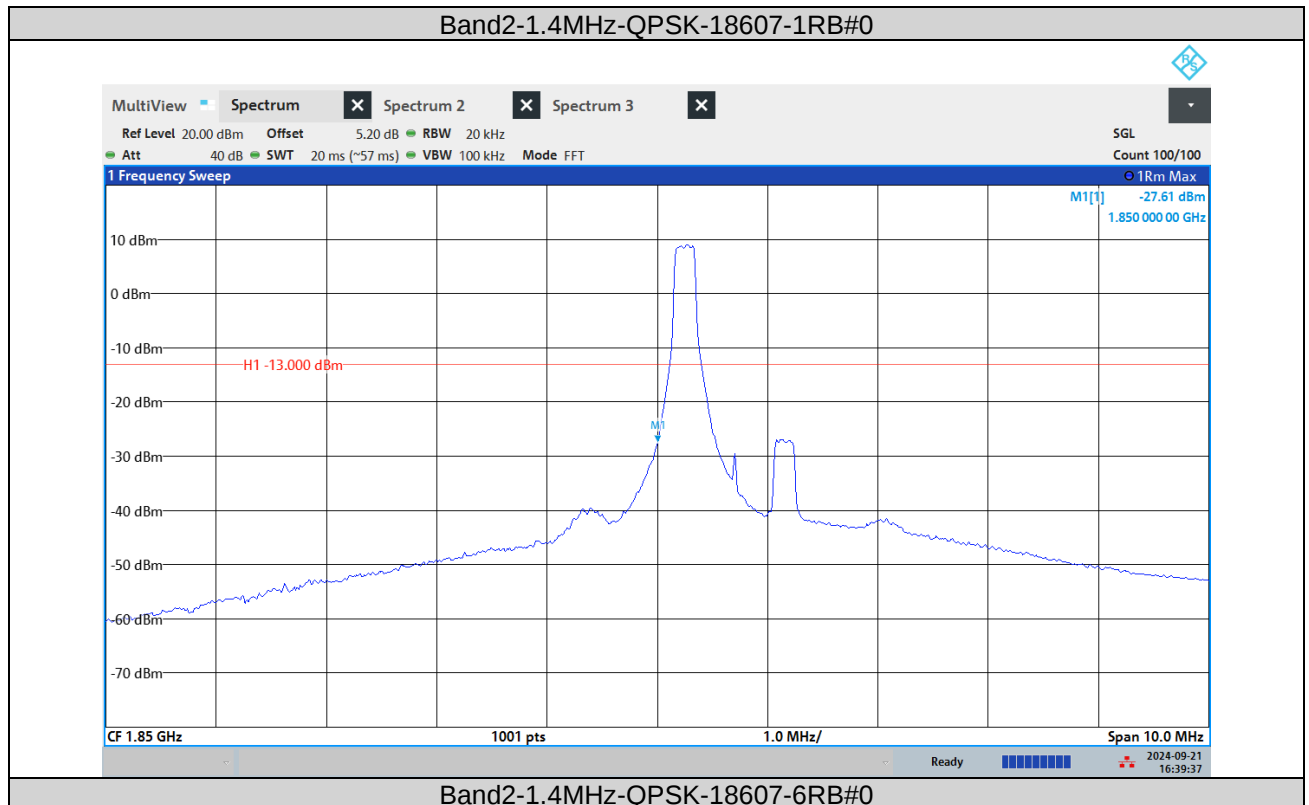


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02

Band2	20MHz	16QAM	18700	1RB#0	See Graph	PASS
Band2	20MHz	16QAM	18700	6RB#0	See Graph	PASS
Band2	20MHz	16QAM	19100	1RB#5	See Graph	PASS
Band2	20MHz	16QAM	19100	6RB#0	See Graph	PASS

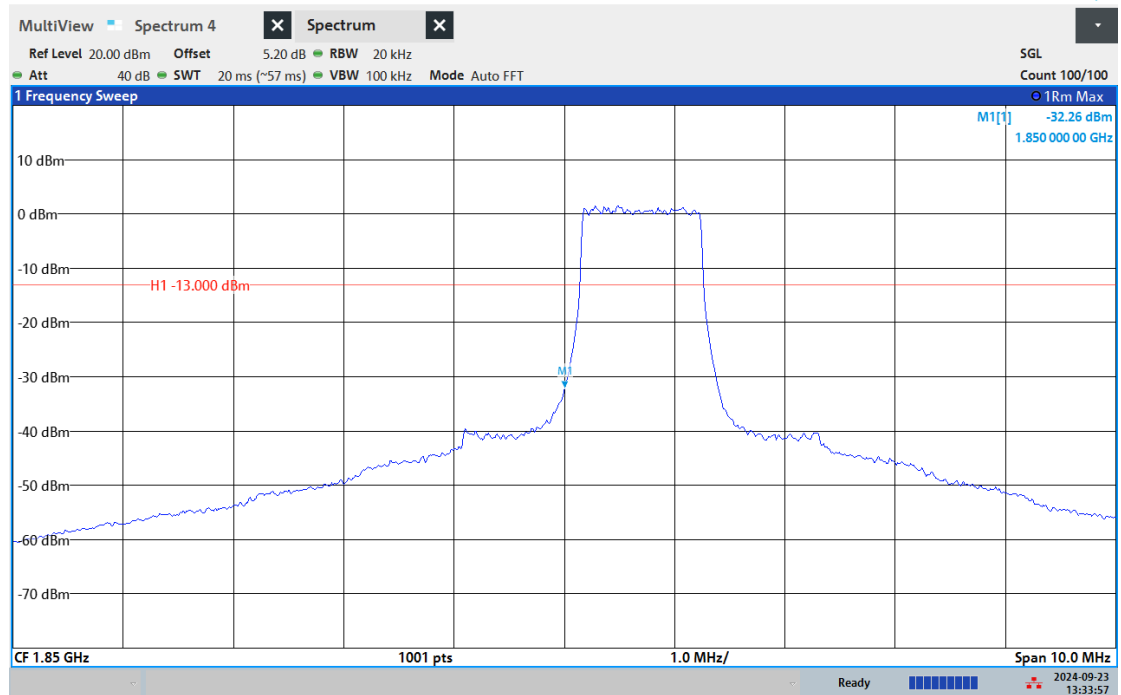
Test Graphs



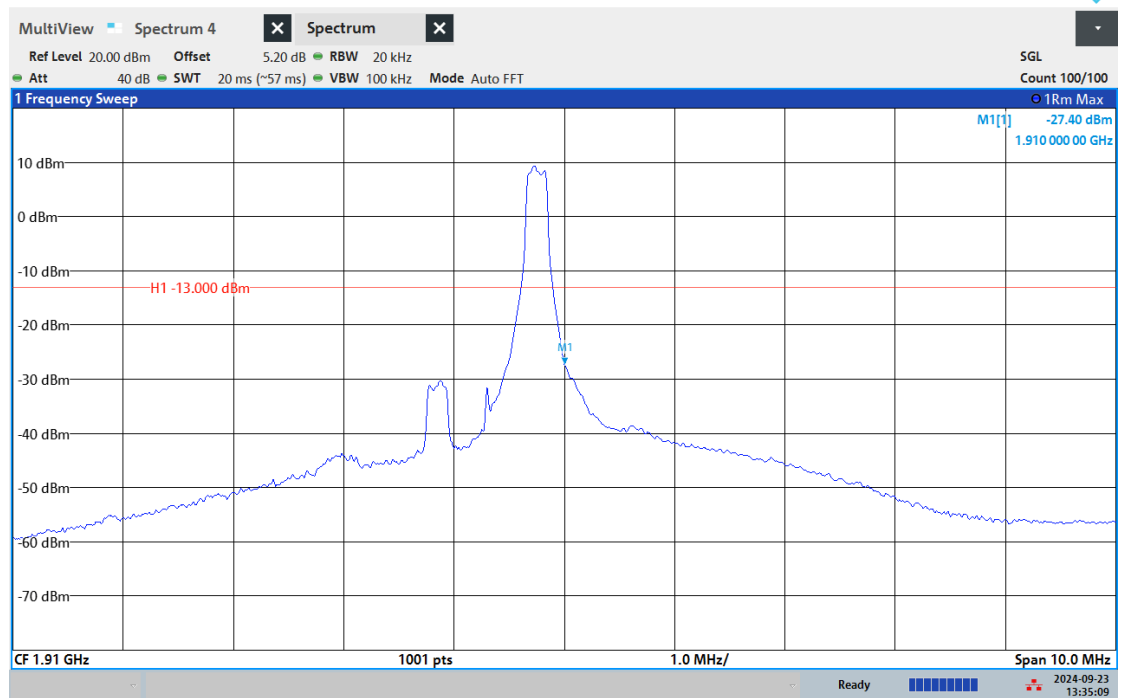


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-1.4MHz-QPSK-19193-1RB#5

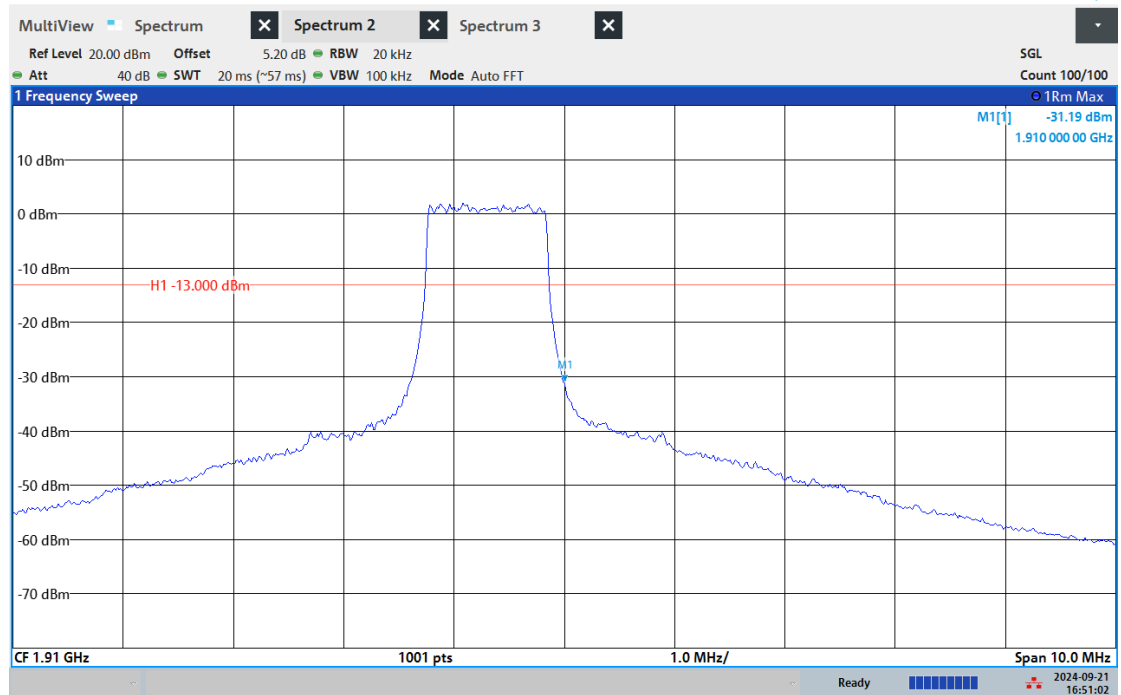


Band2-1.4MHz-QPSK-19193-6RB#0

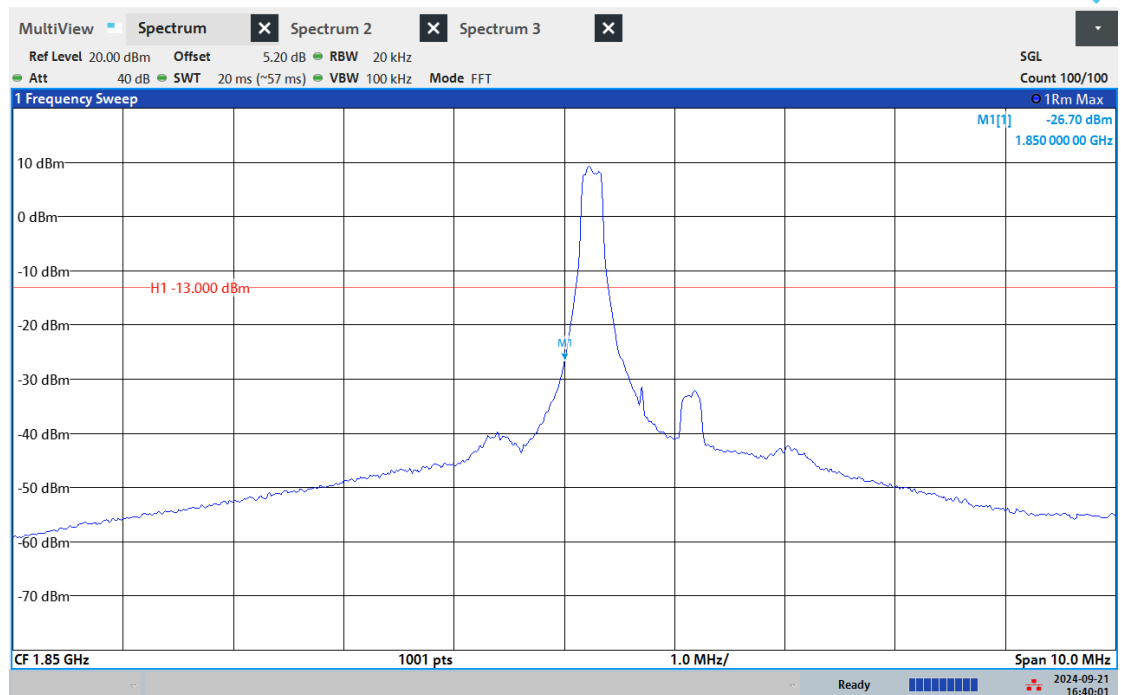


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-1.4MHz-16QAM-18607-1RB#0

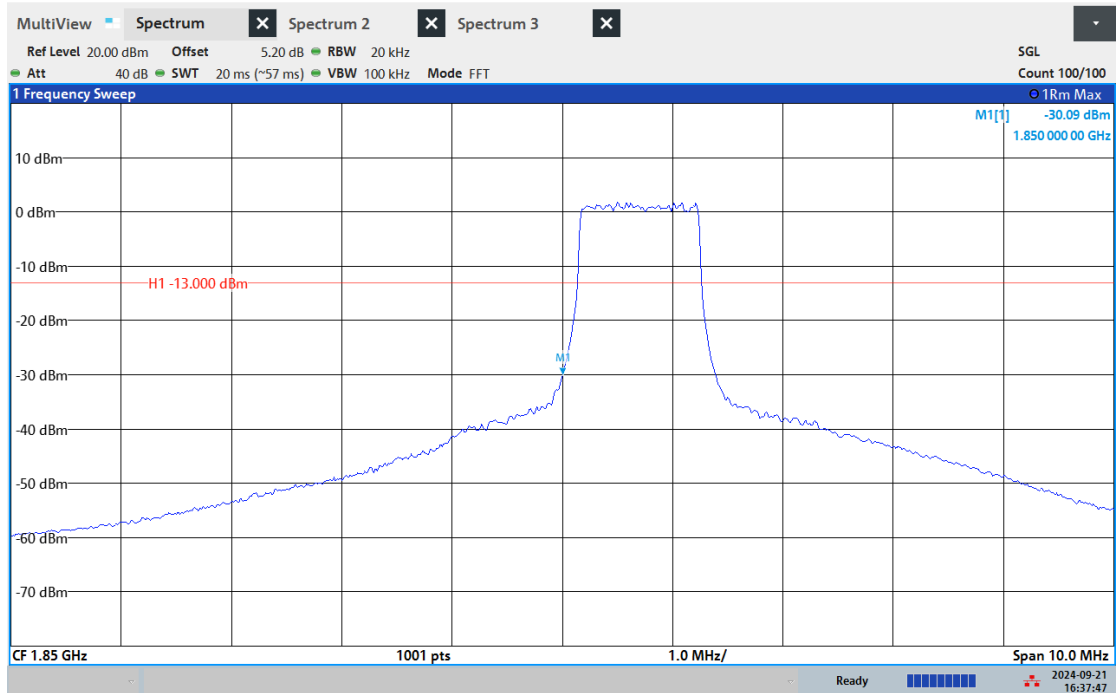


Band2-1.4MHz-16QAM-18607-6RB#0

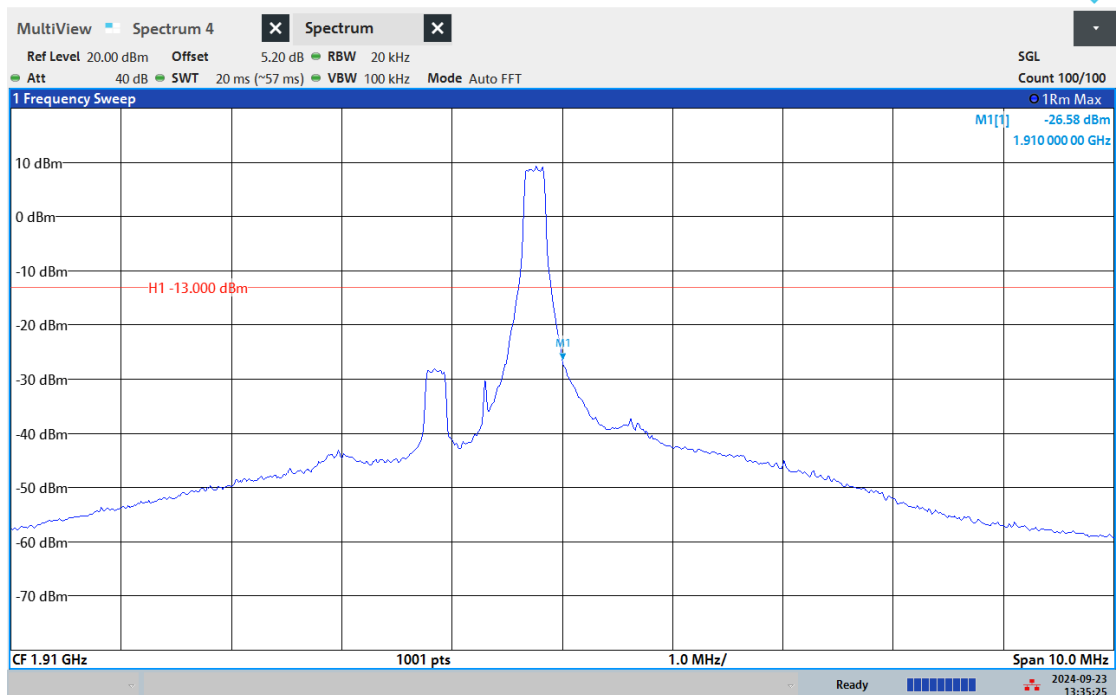


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-1.4MHz-16QAM-19193-1RB#5

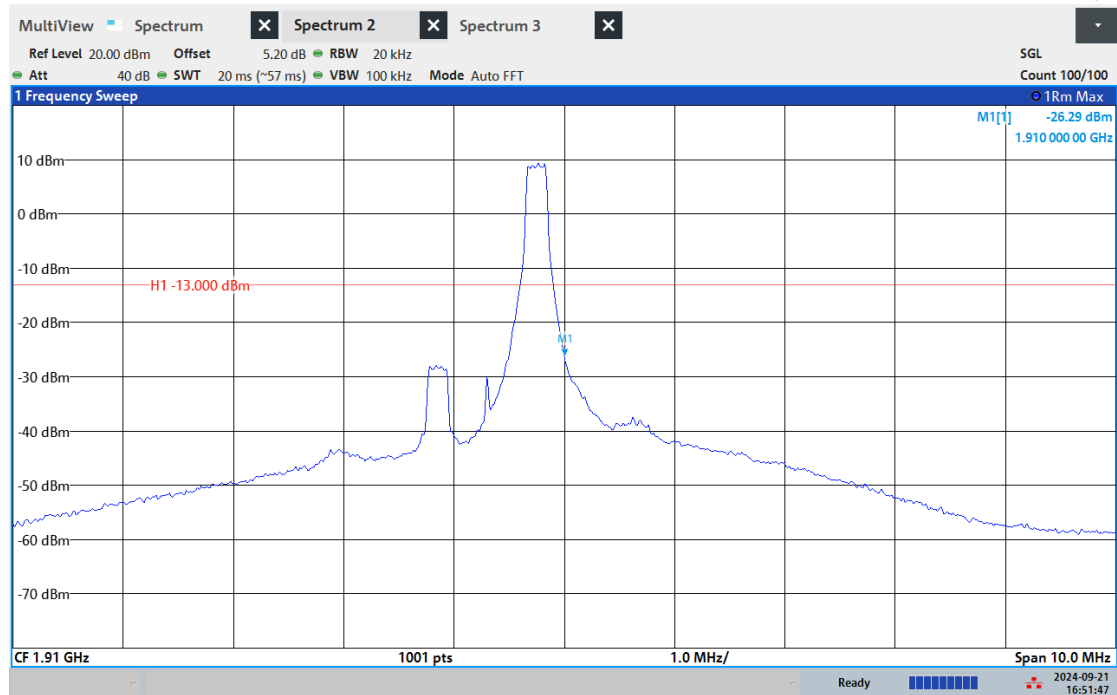


Band2-1.4MHz-16QAM-19193-6RB#0

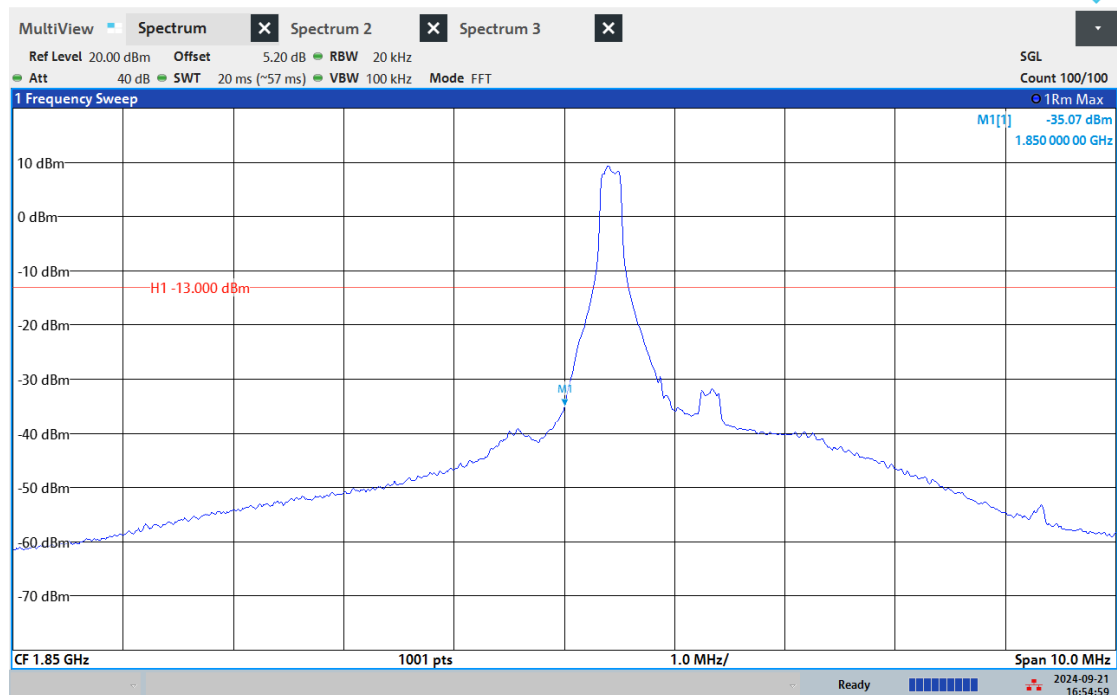


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-3MHz-QPSK-18615-1RB#0

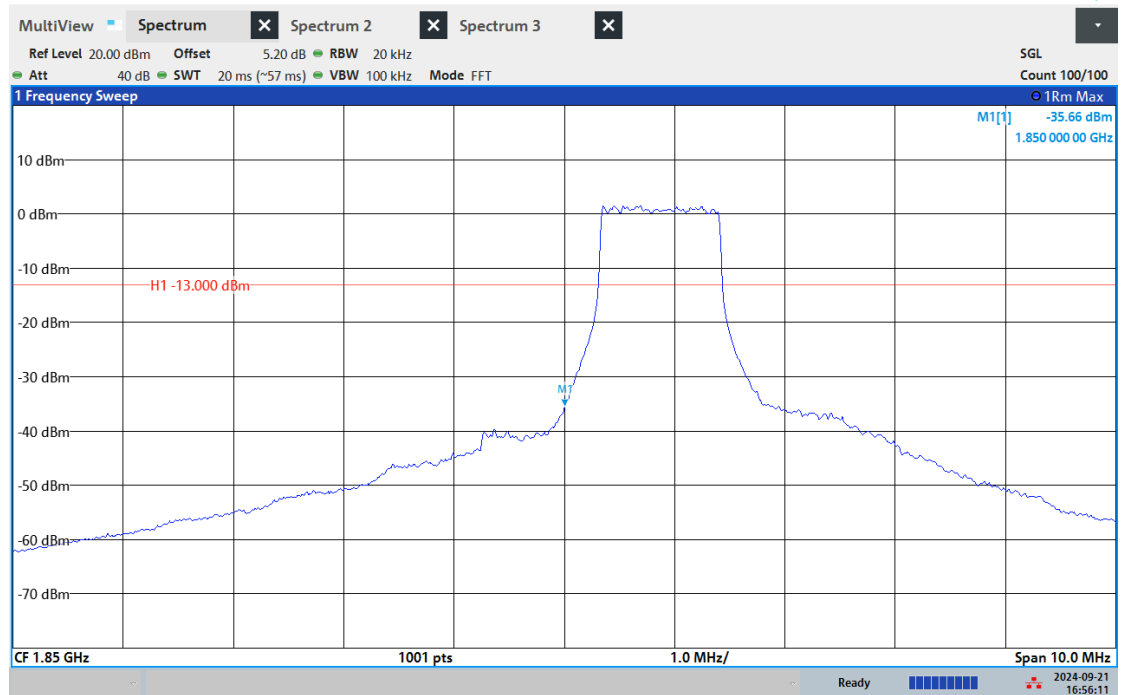


Band2-3MHz-QPSK-18615-6RB#0

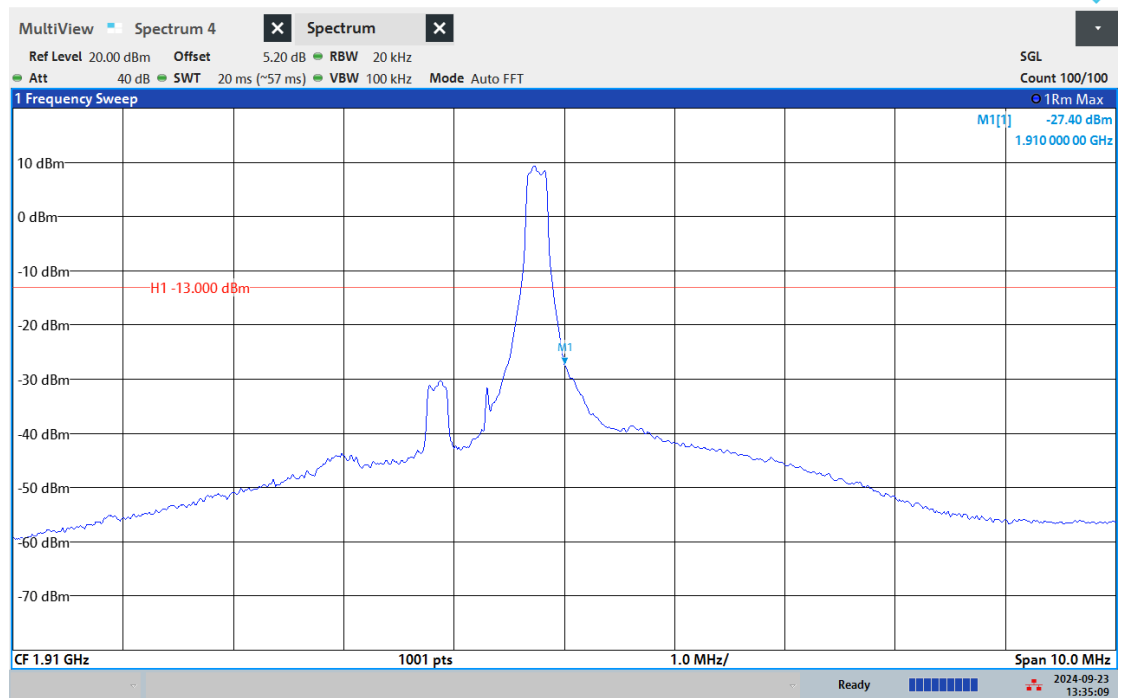


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-3MHz-QPSK-19185-1RB#5

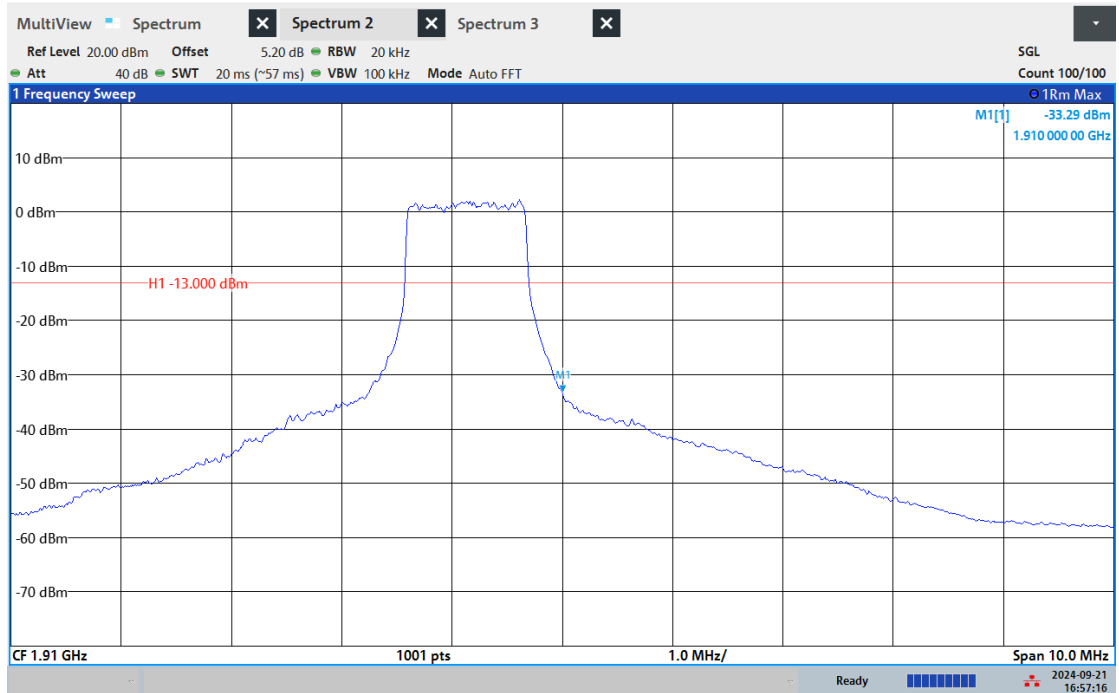


Band2-3MHz-QPSK-19185-6RB#0

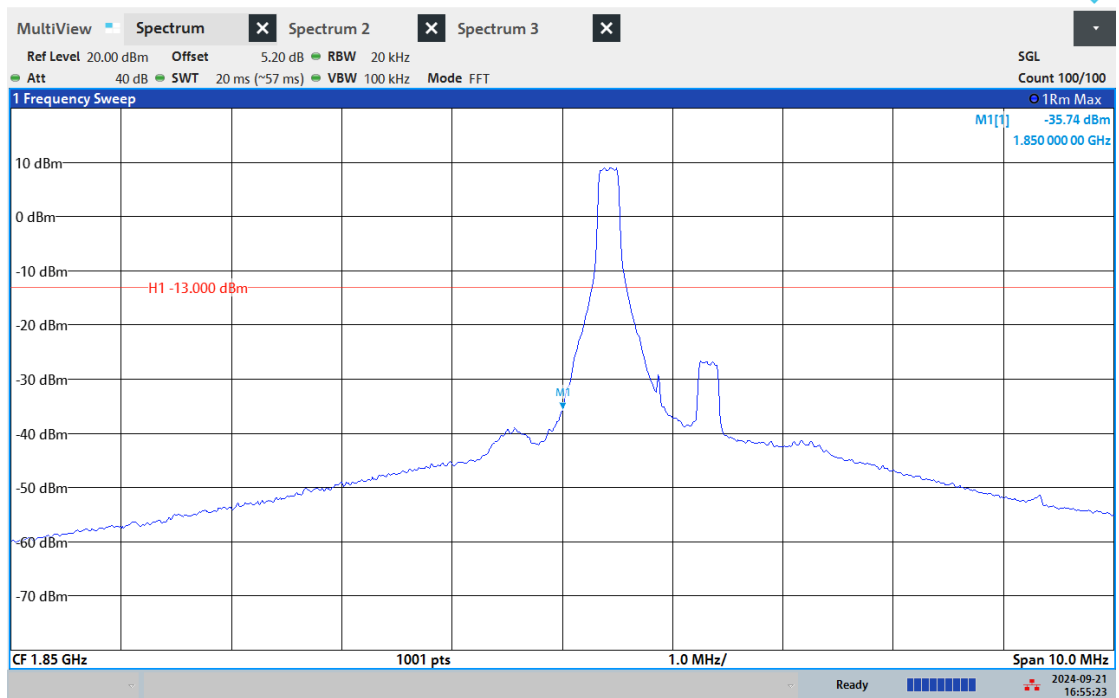


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-3MHz-16QAM-18615-1RB#0

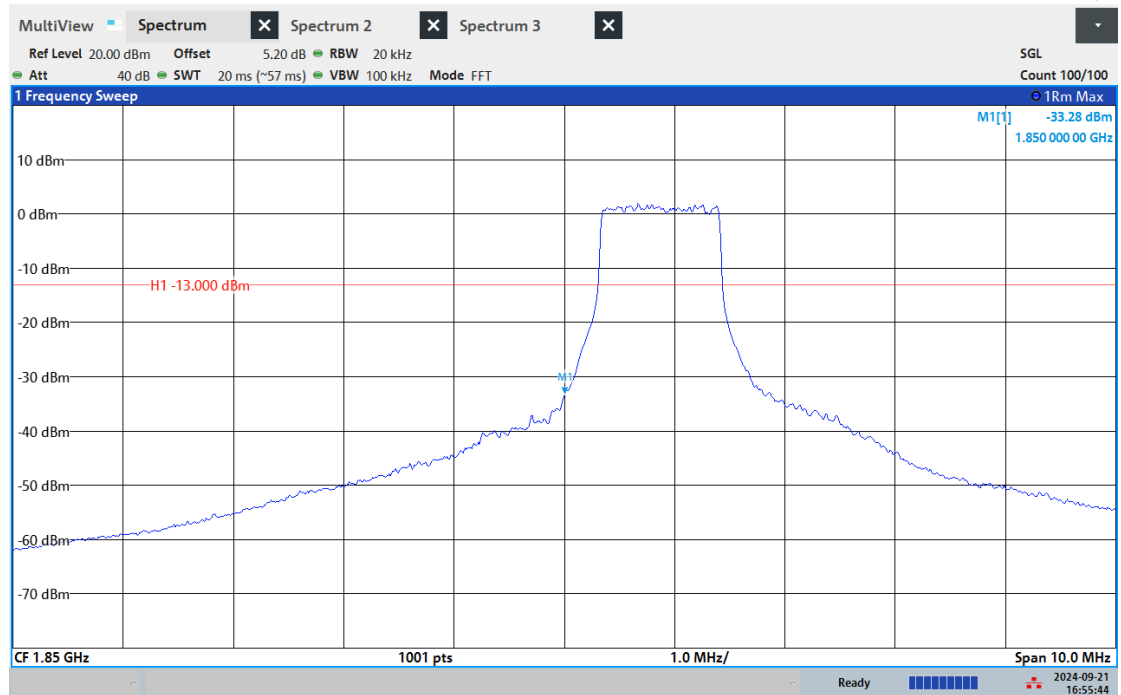


Band2-3MHz-16QAM-18615-6RB#0

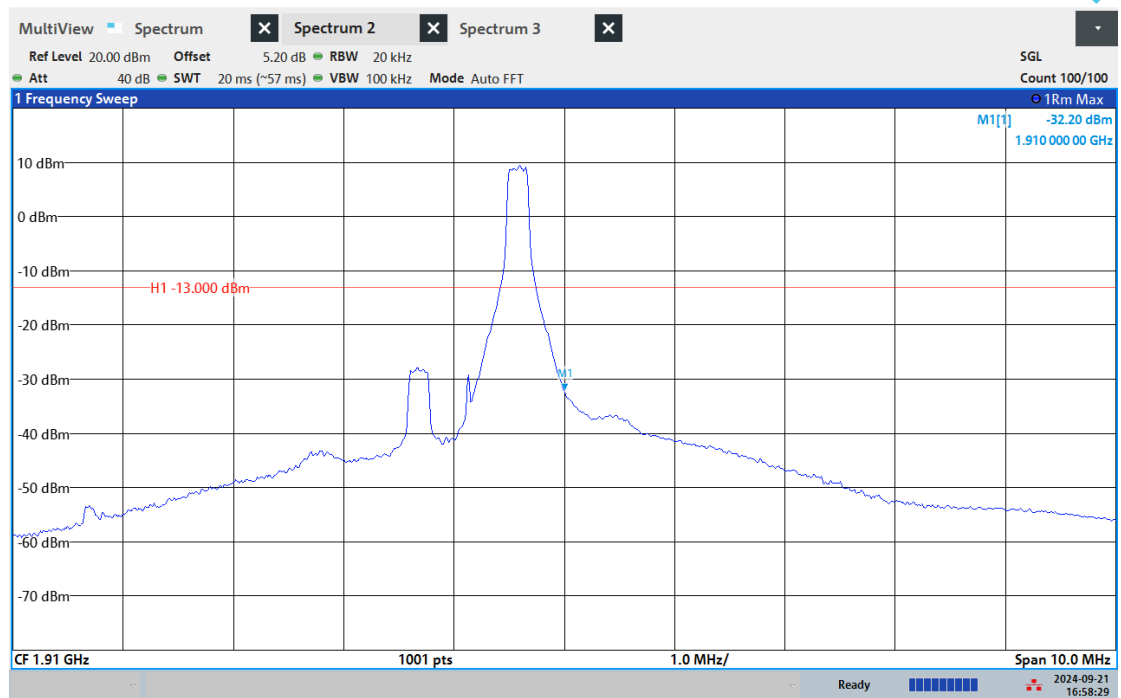


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-3MHz-16QAM-19185-1RB#5

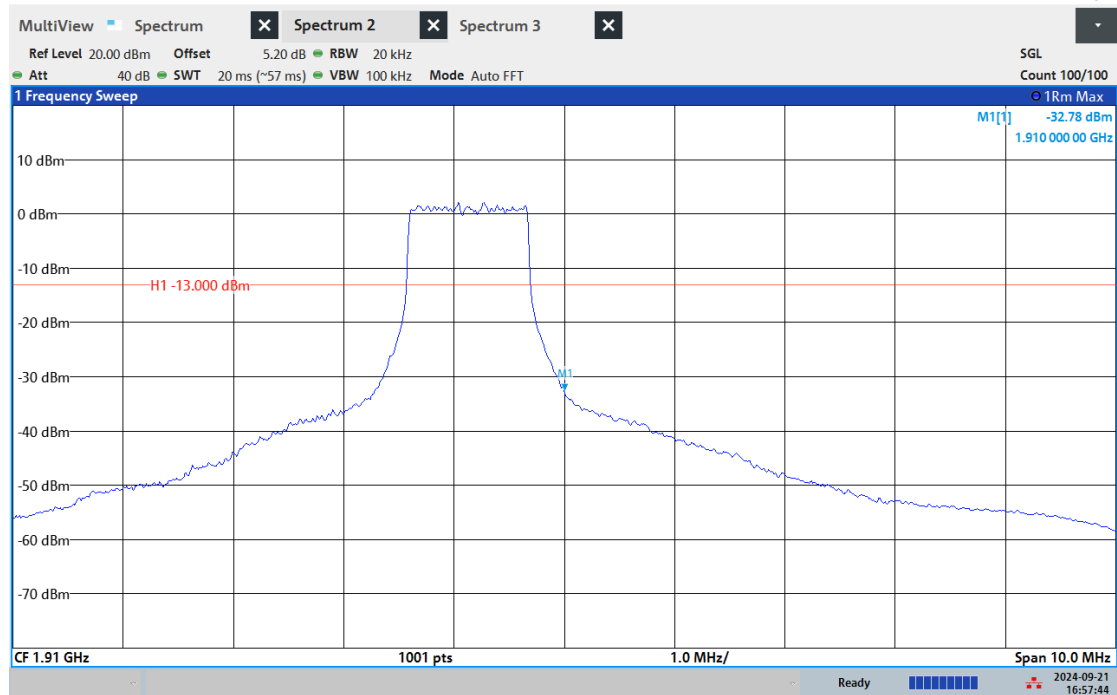


Band2-3MHz-16QAM-19185-6RB#0

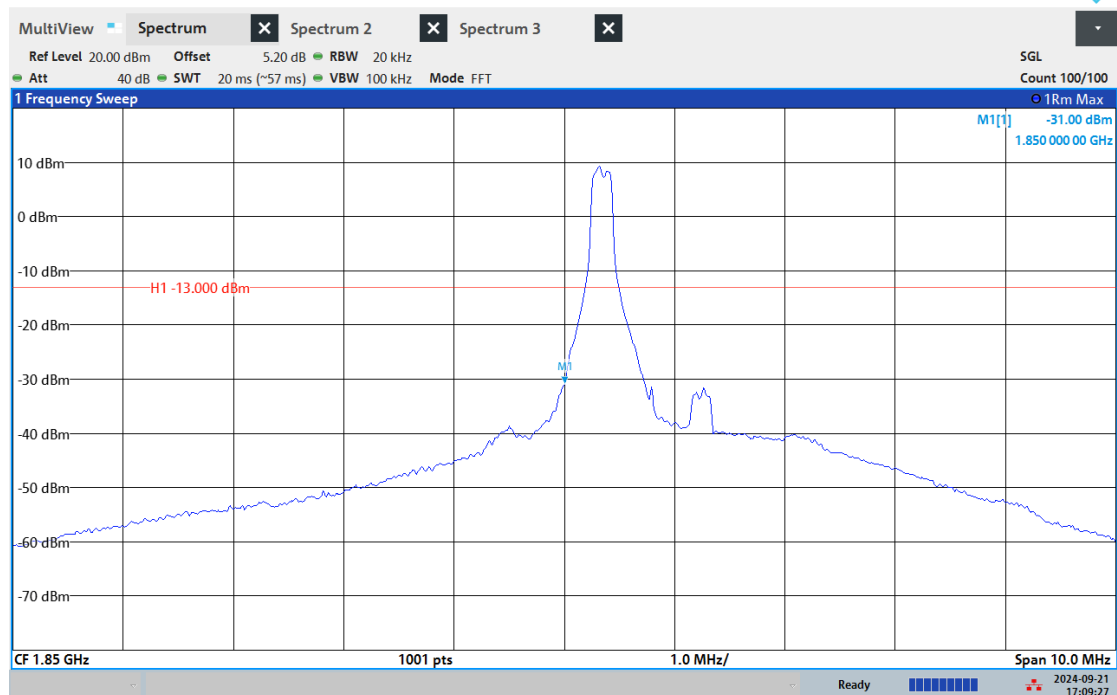


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-5MHz-QPSK-18625-1RB#0

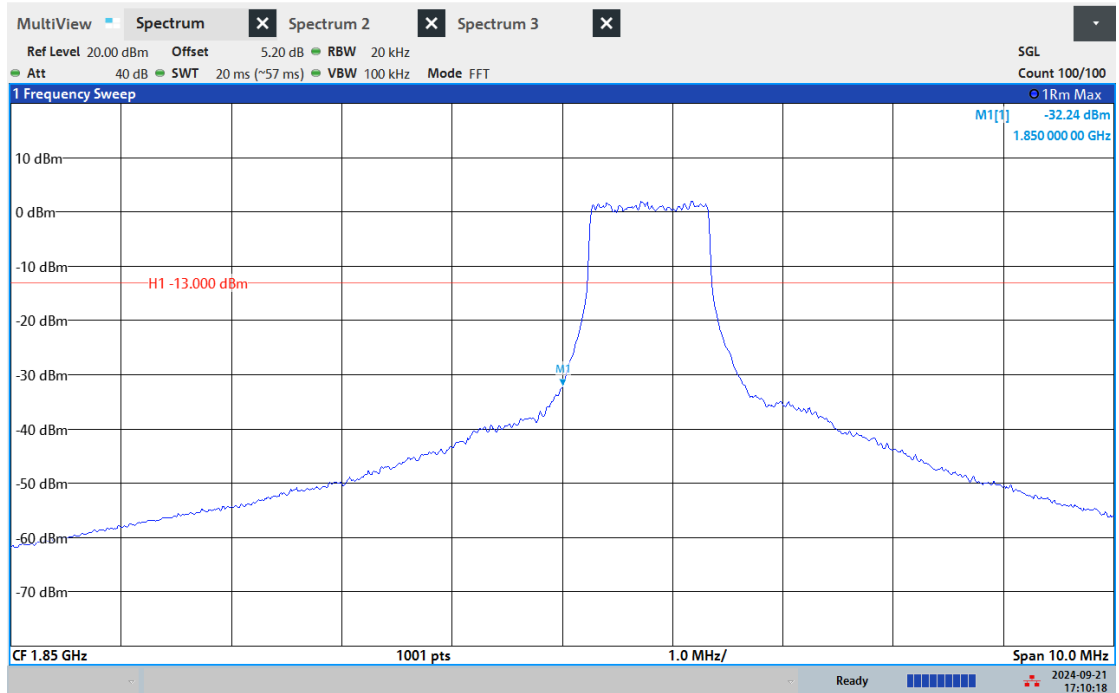


Band2-5MHz-QPSK-18625-6RB#0

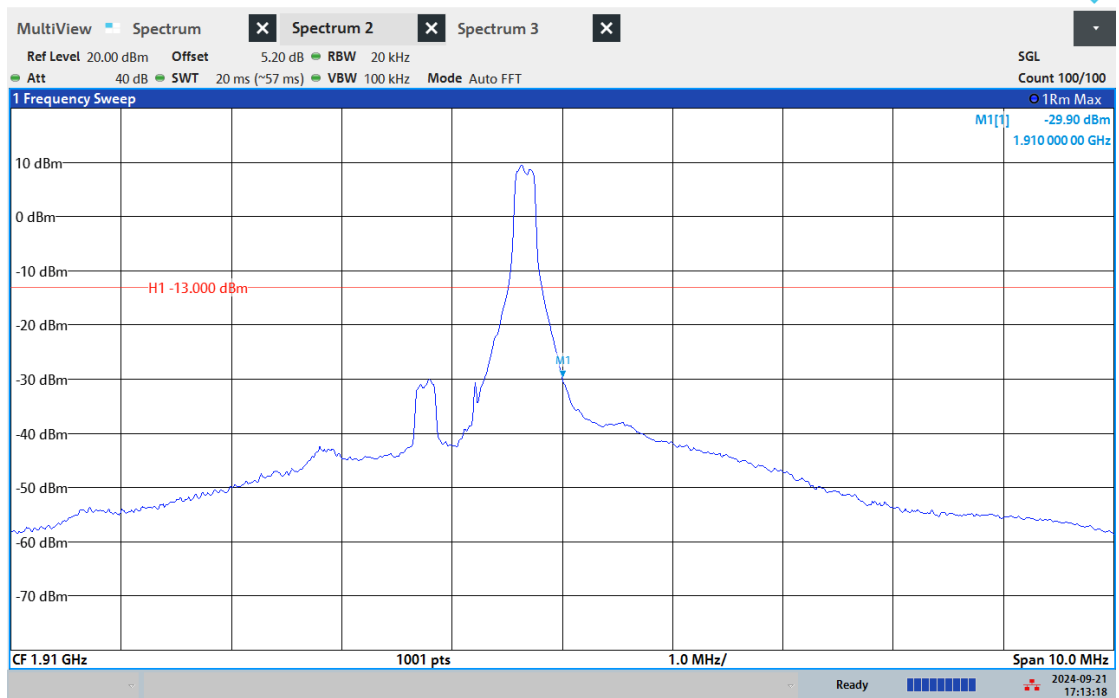


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-5MHz-QPSK-19175-1RB#5

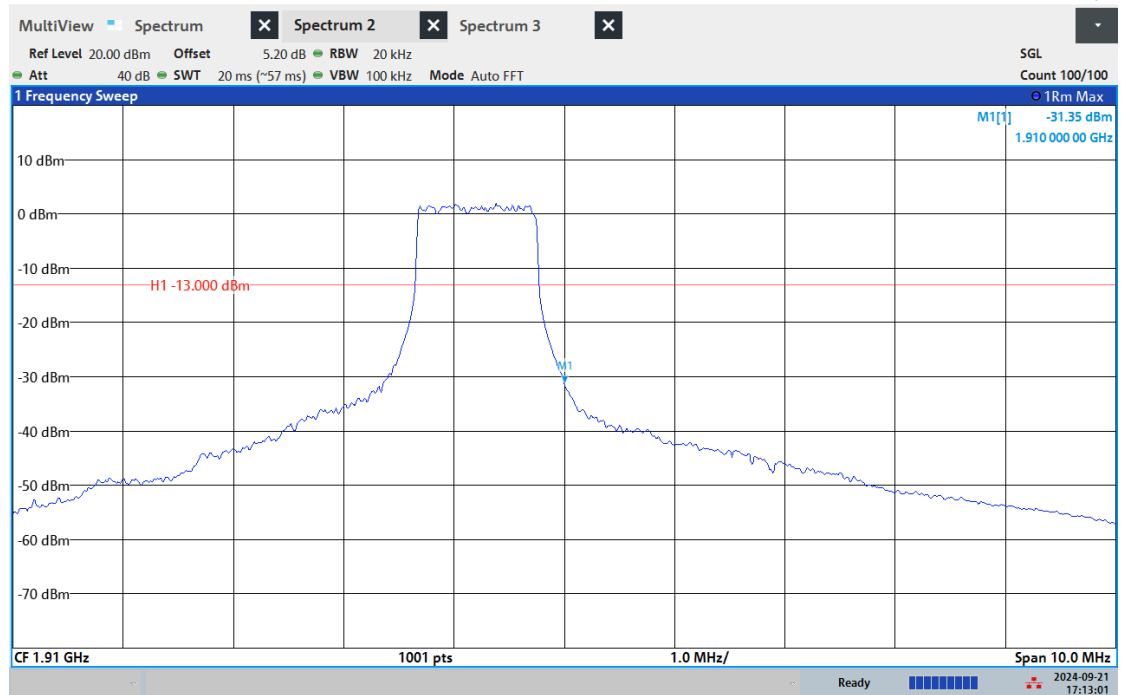


Band2-5MHz-QPSK-19175-6RB#0

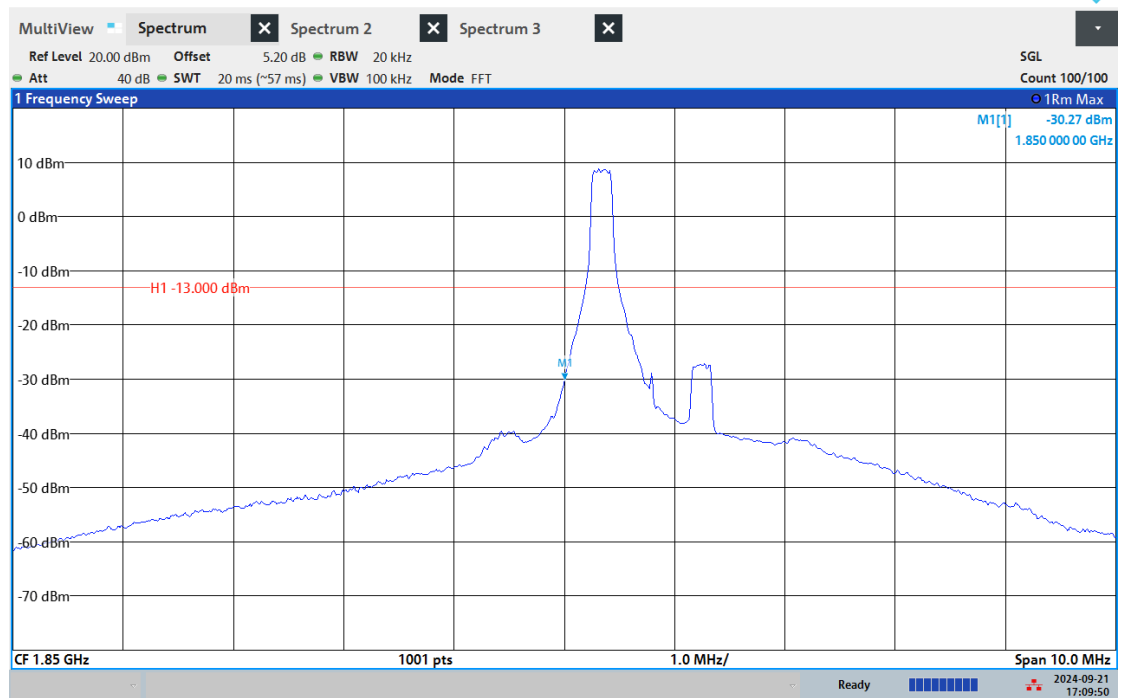


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-5MHz-16QAM-18625-1RB#0

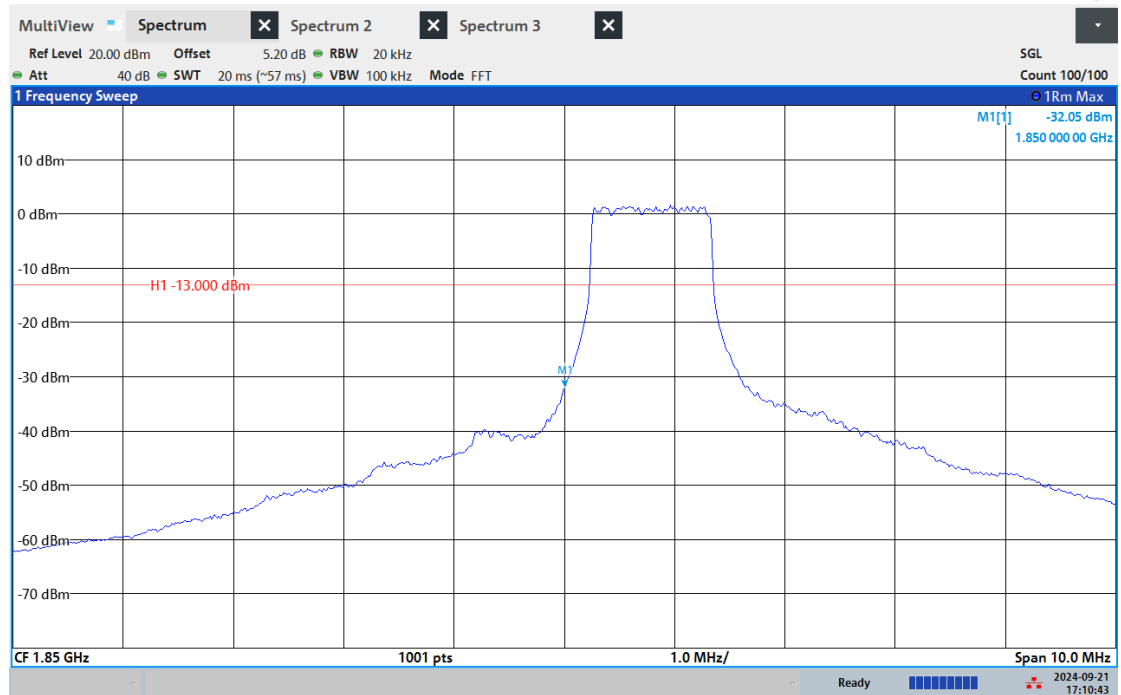


Band2-5MHz-16QAM-18625-6RB#0

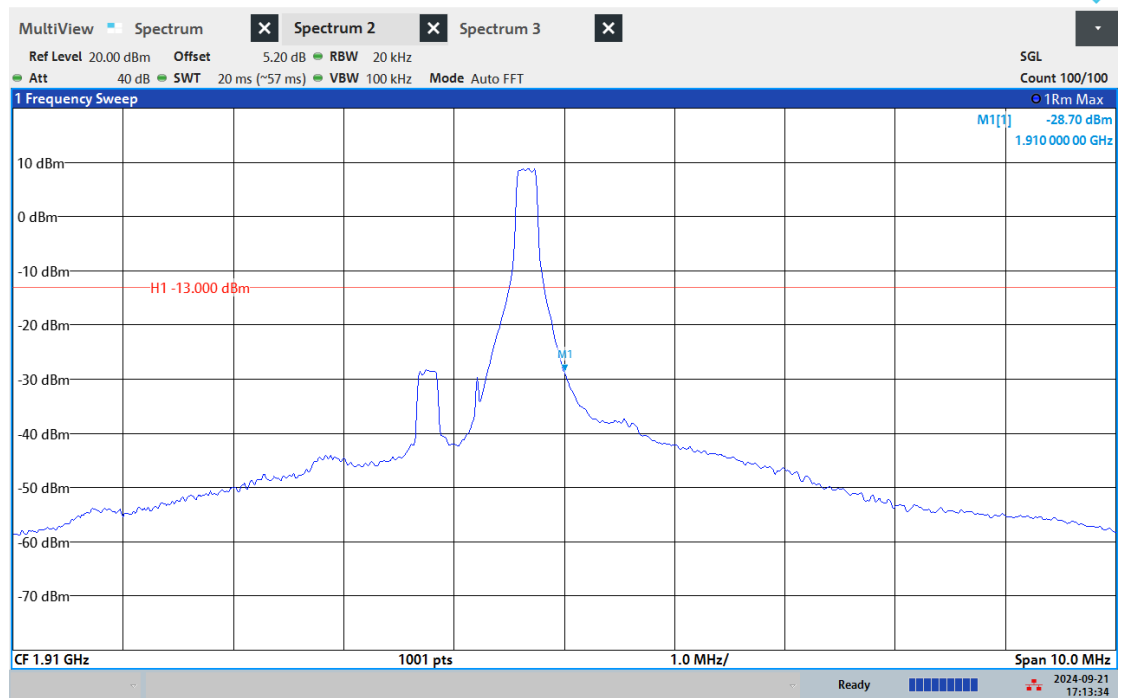


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-5MHz-16QAM-19175-1RB#5

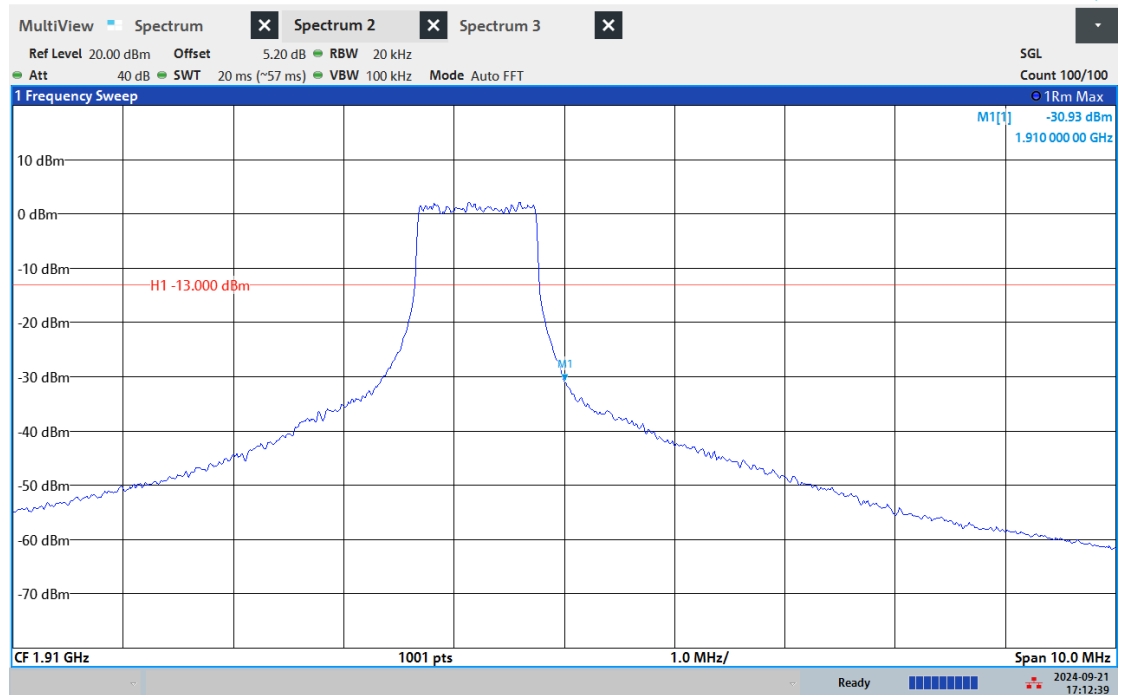


Band2-5MHz-16QAM-19175-6RB#0

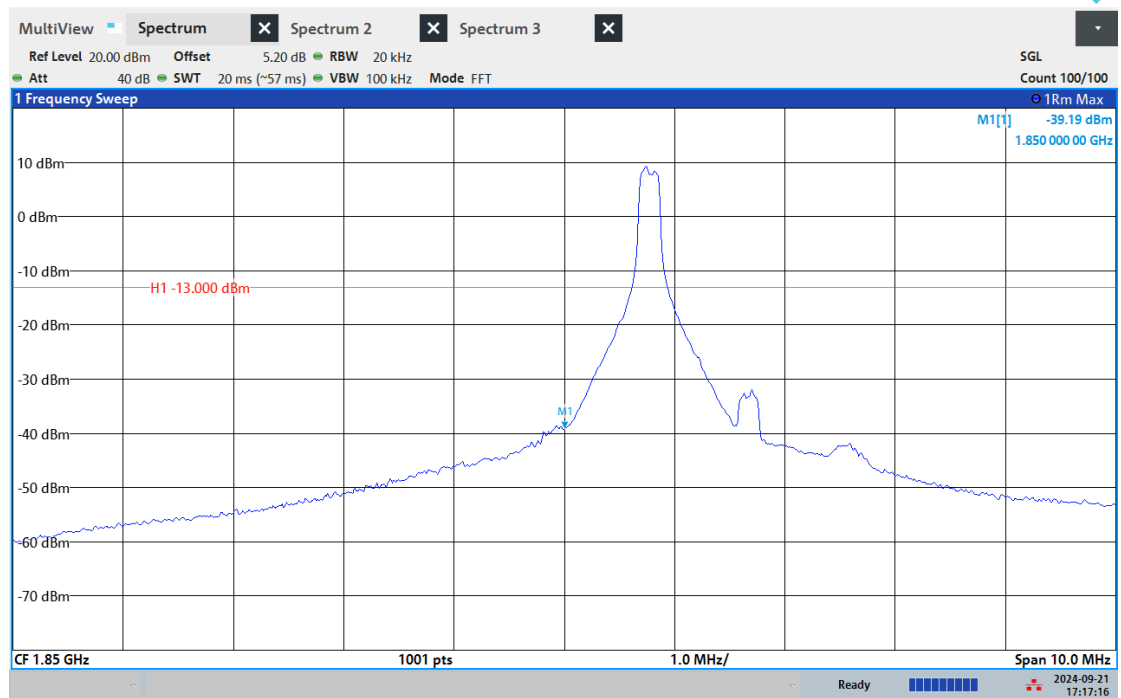


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-10MHz-QPSK-18650-1RB#0

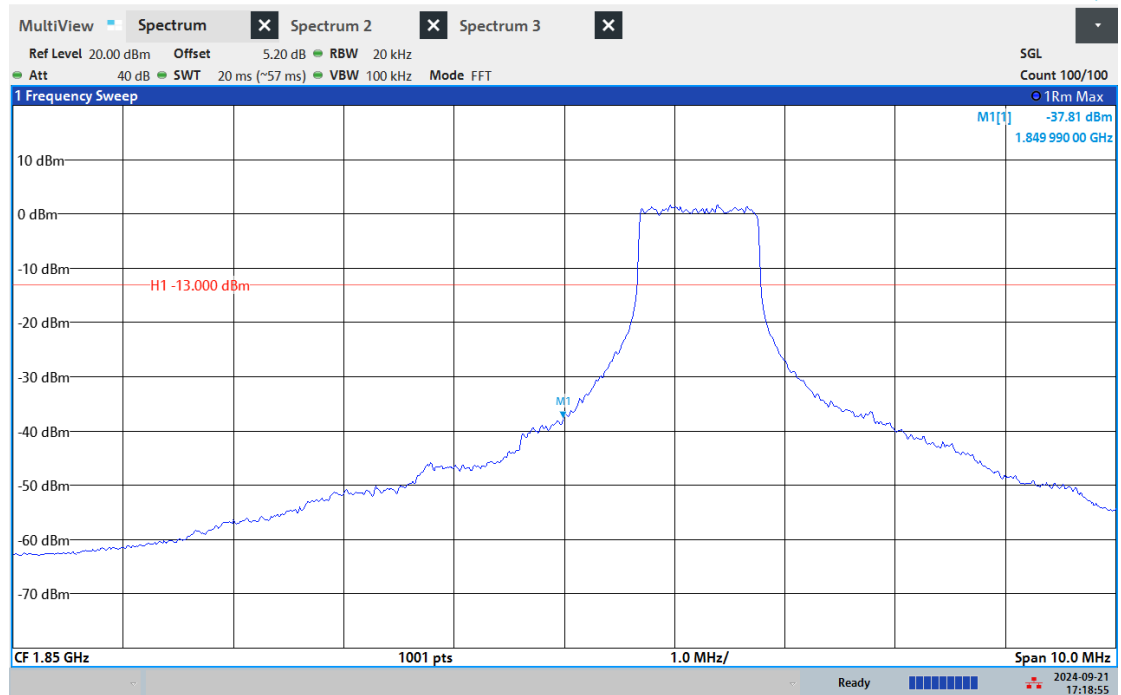


Band2-10MHz-QPSK-18650-6RB#0

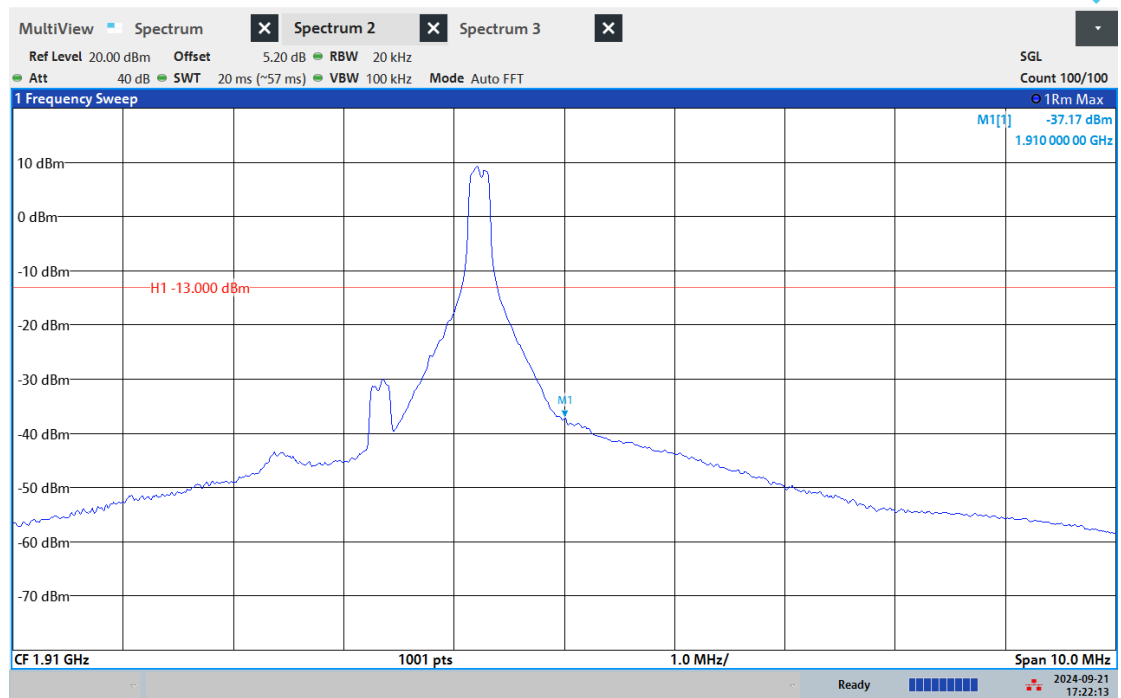


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-10MHz-QPSK-19150-1RB#5

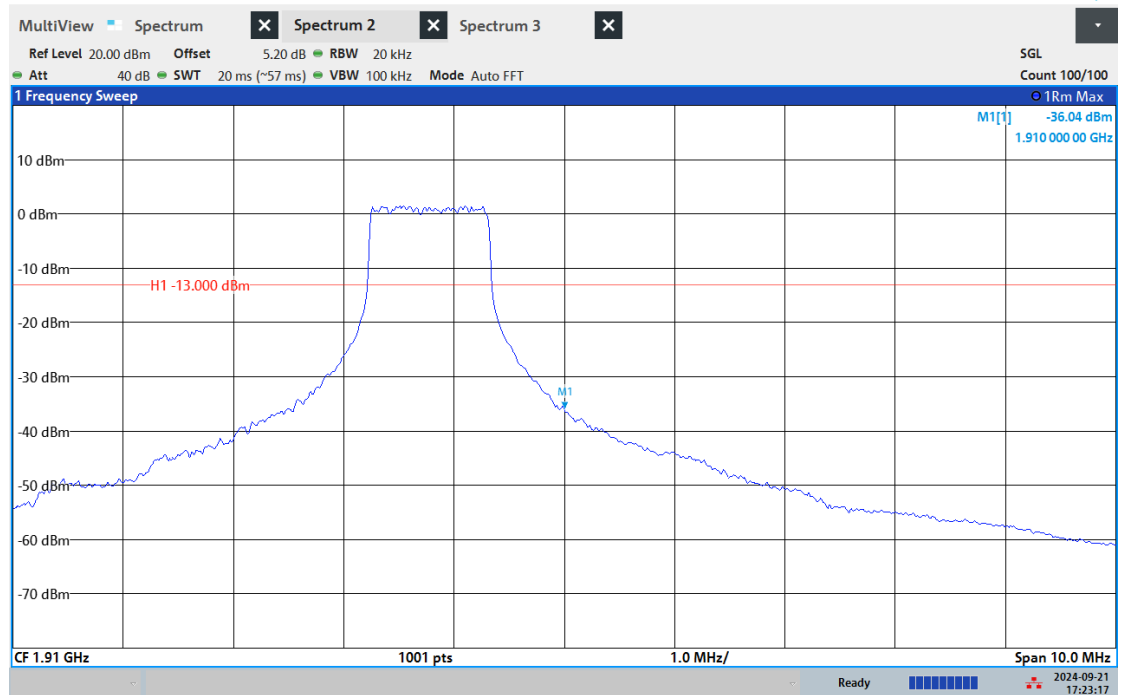


Band2-10MHz-QPSK-19150-6RB#0

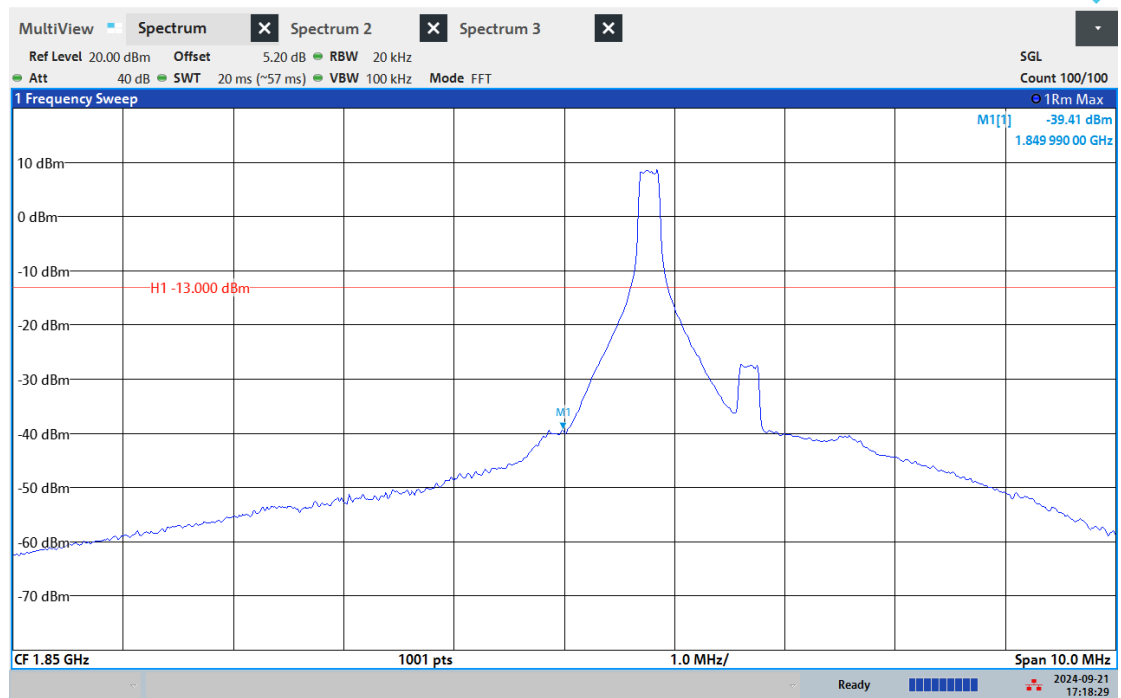


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-10MHz-16QAM-18650-1RB#0

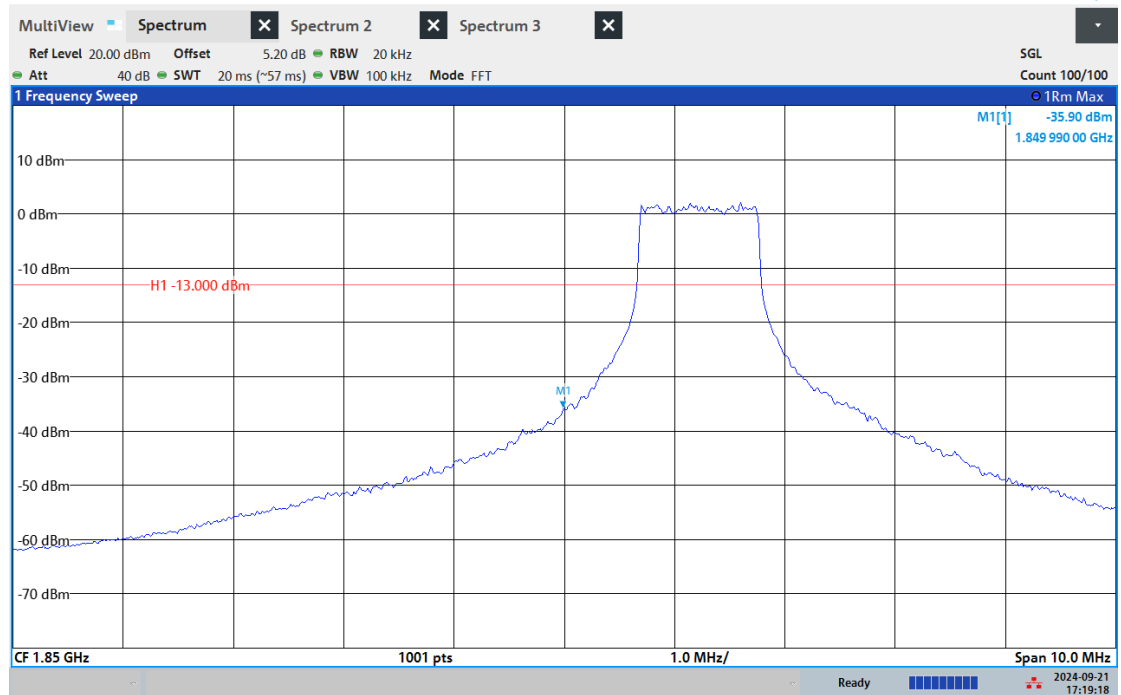


Band2-10MHz-16QAM-18650-6RB#0

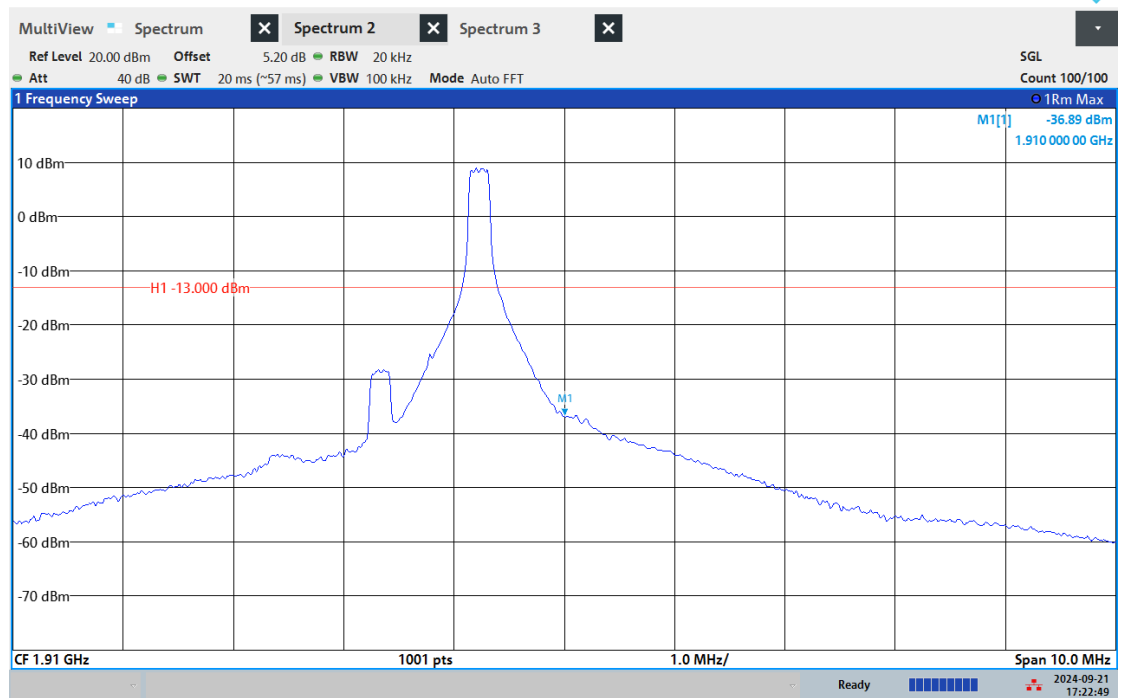


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-10MHz-16QAM-19150-1RB#5

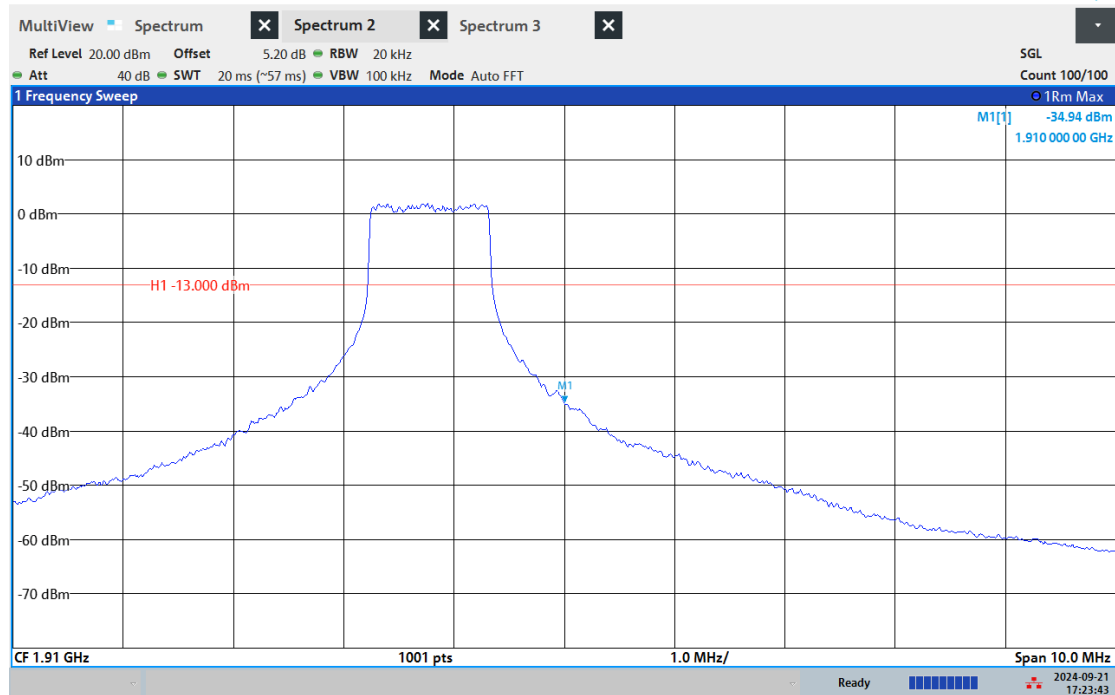


Band2-10MHz-16QAM-19150-6RB#0

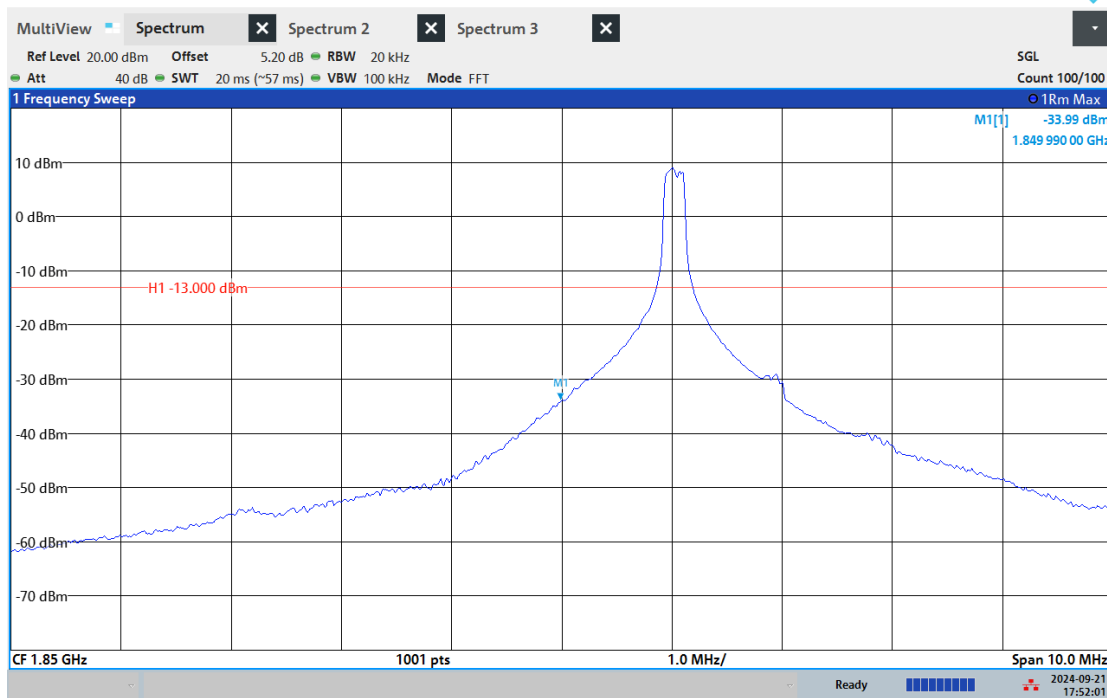


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-15MHz-QPSK-18675-1RB#0

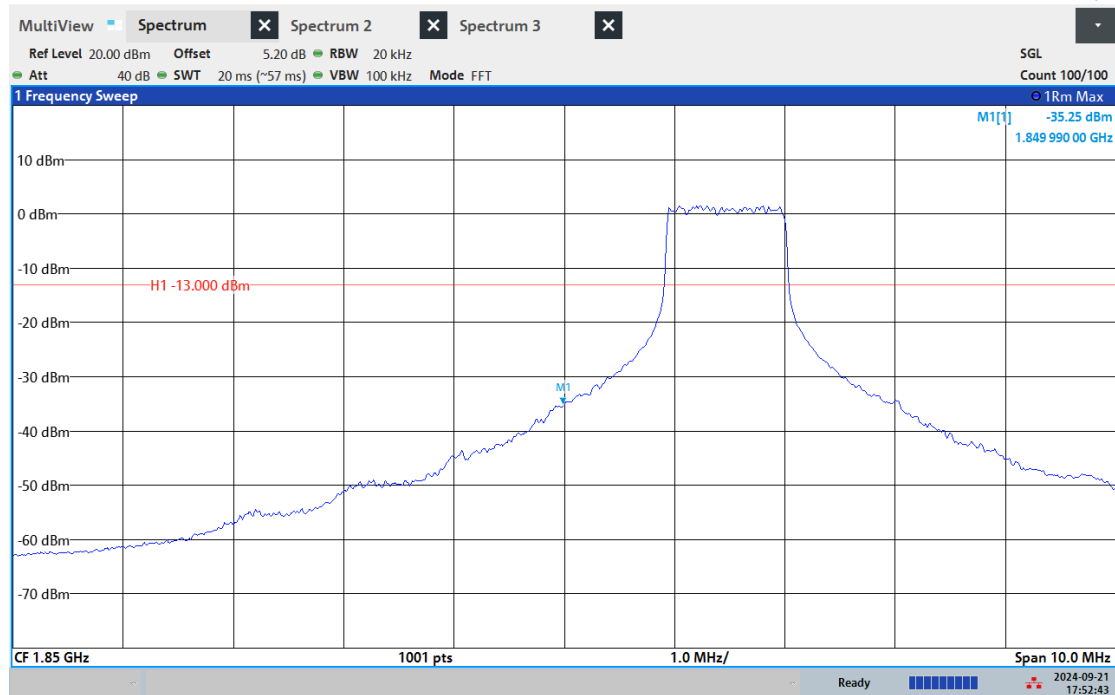


Band2-15MHz-QPSK-18675-6RB#0

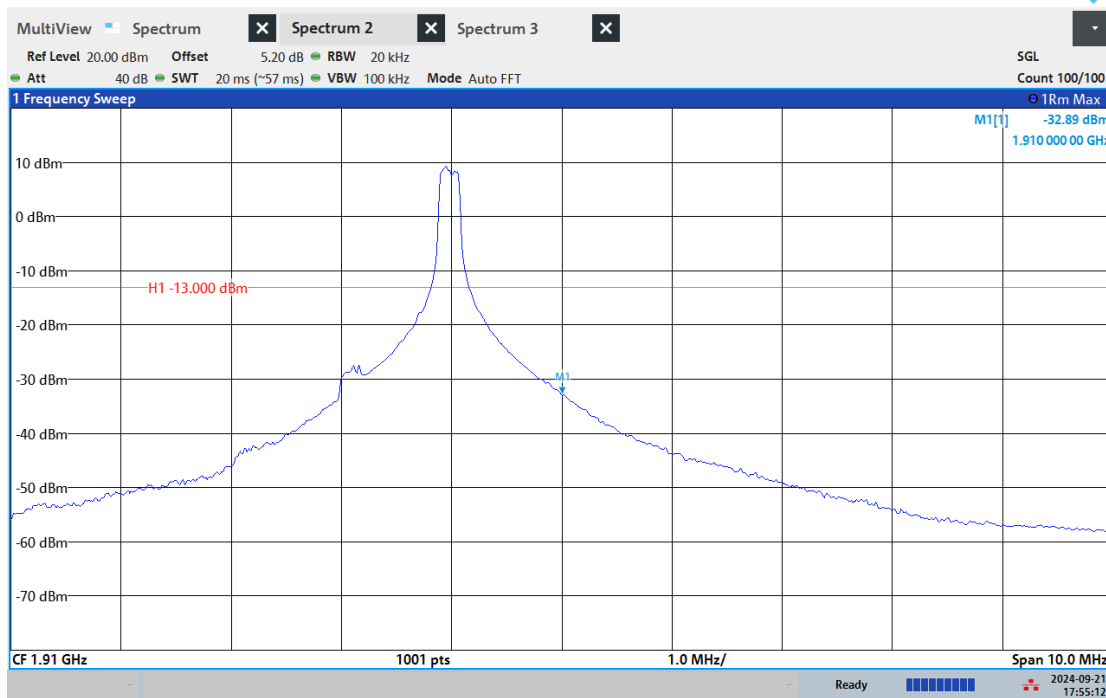


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-15MHz-QPSK-19125-1RB#5

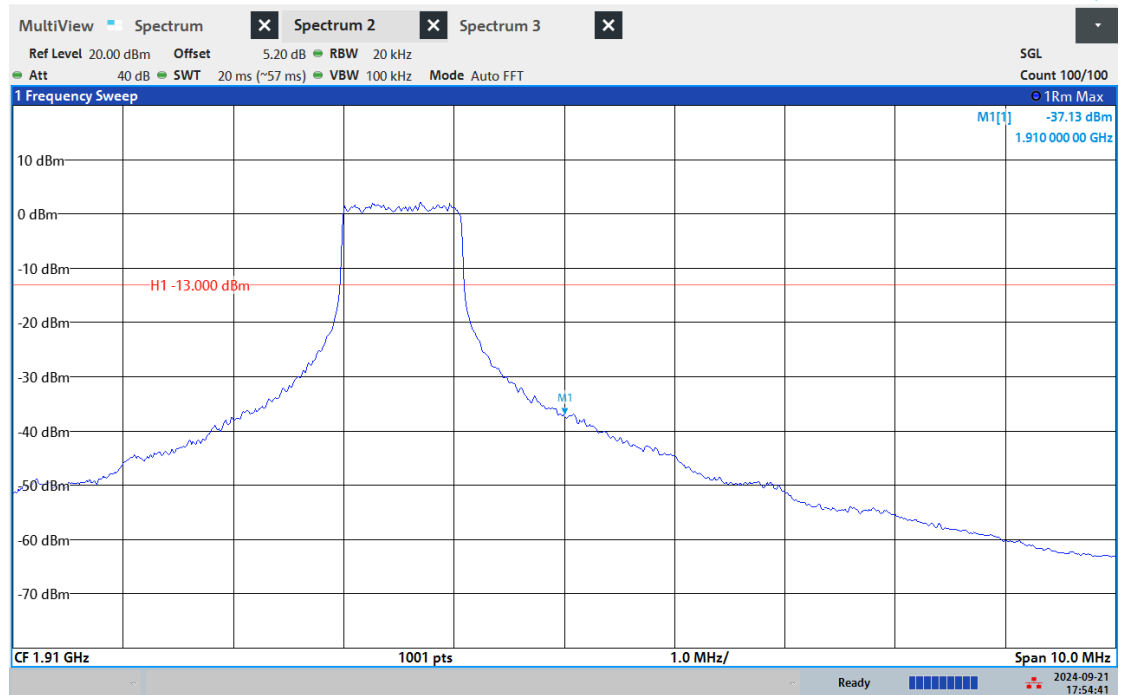


Band2-15MHz-QPSK-19125-6RB#0

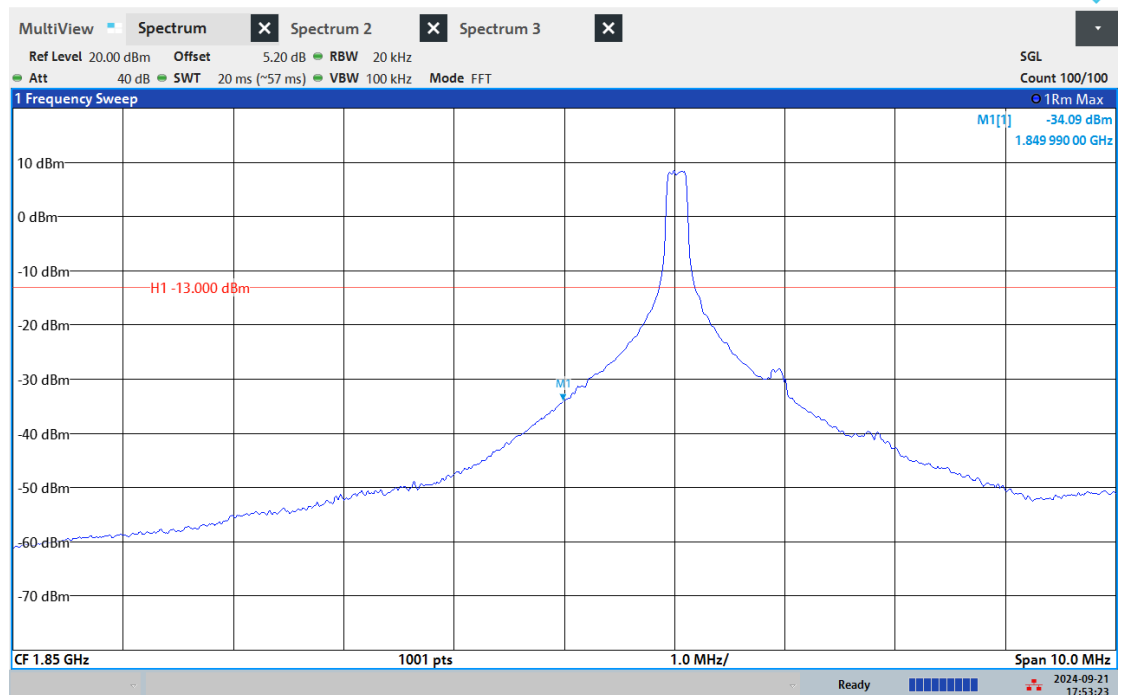


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-15MHz-16QAM-18675-1RB#0

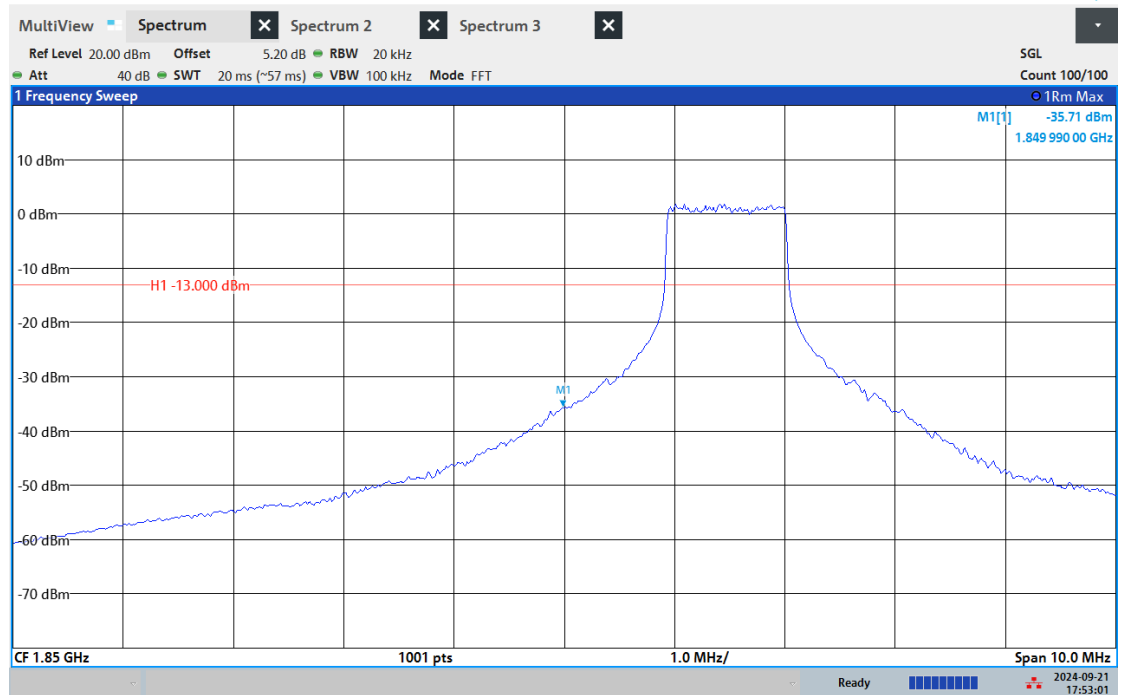


Band2-15MHz-16QAM-18675-6RB#0

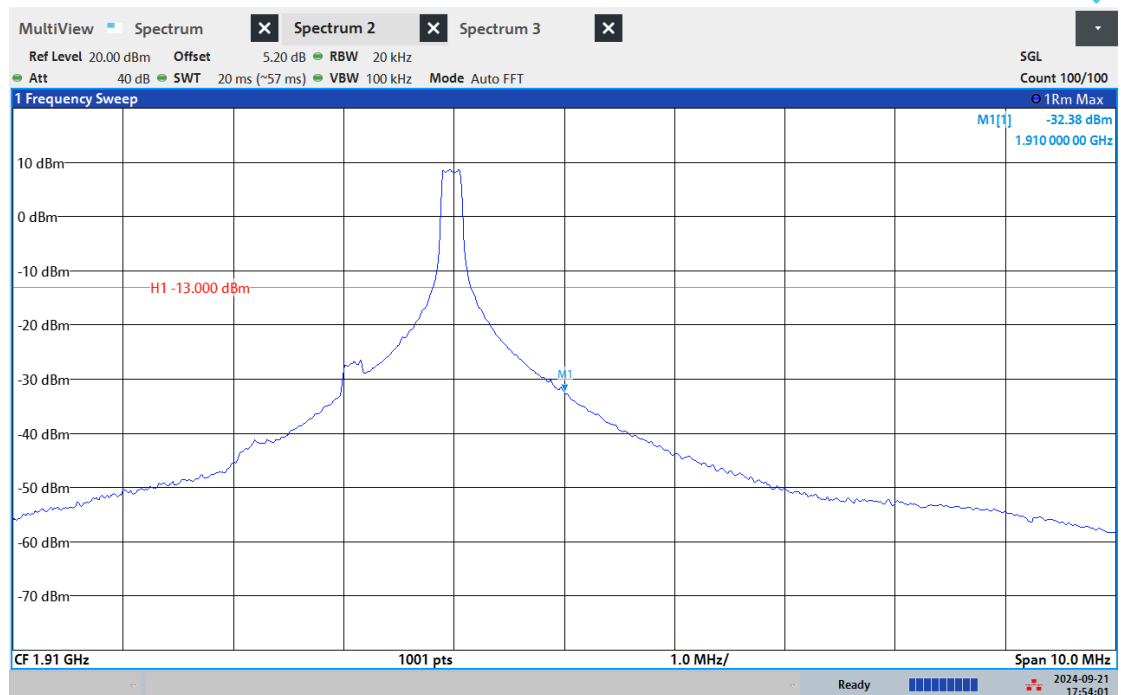


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-15MHz-16QAM-19125-1RB#5

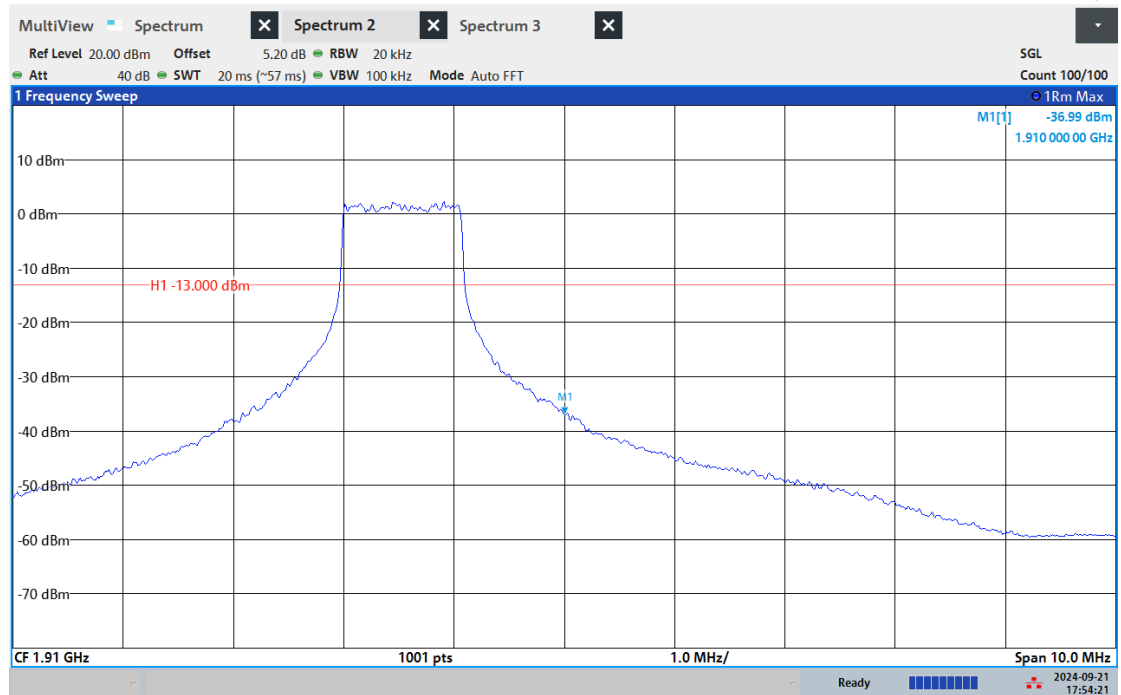


Band2-15MHz-16QAM-19125-6RB#0

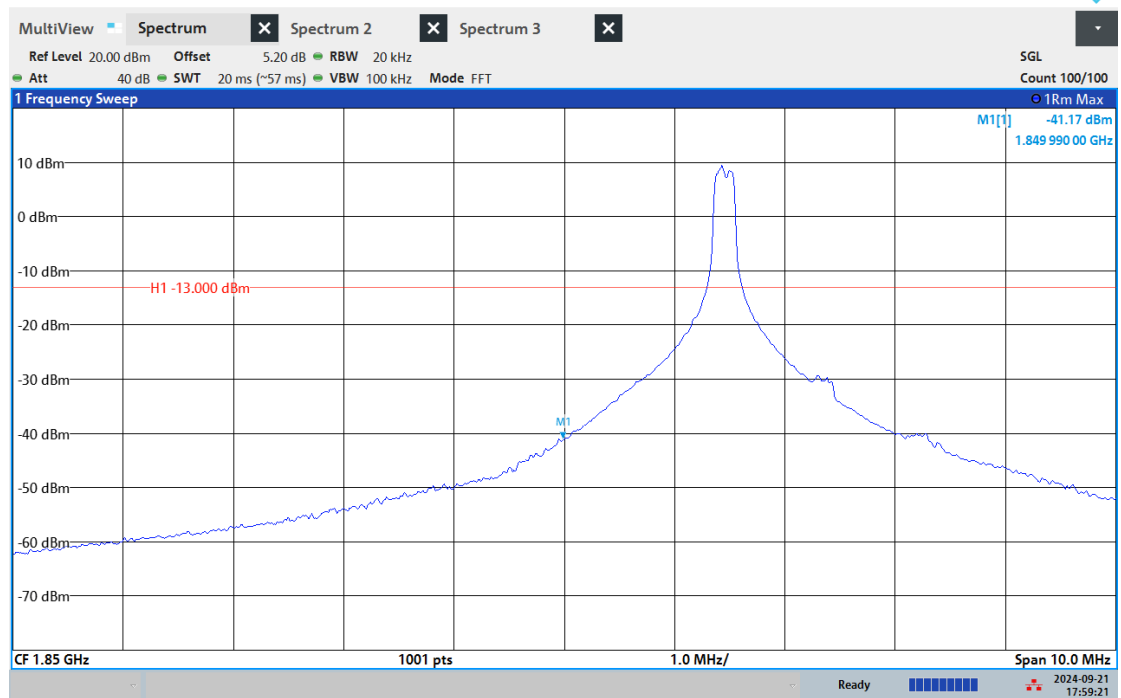


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-20MHz-QPSK-18700-1RB#0

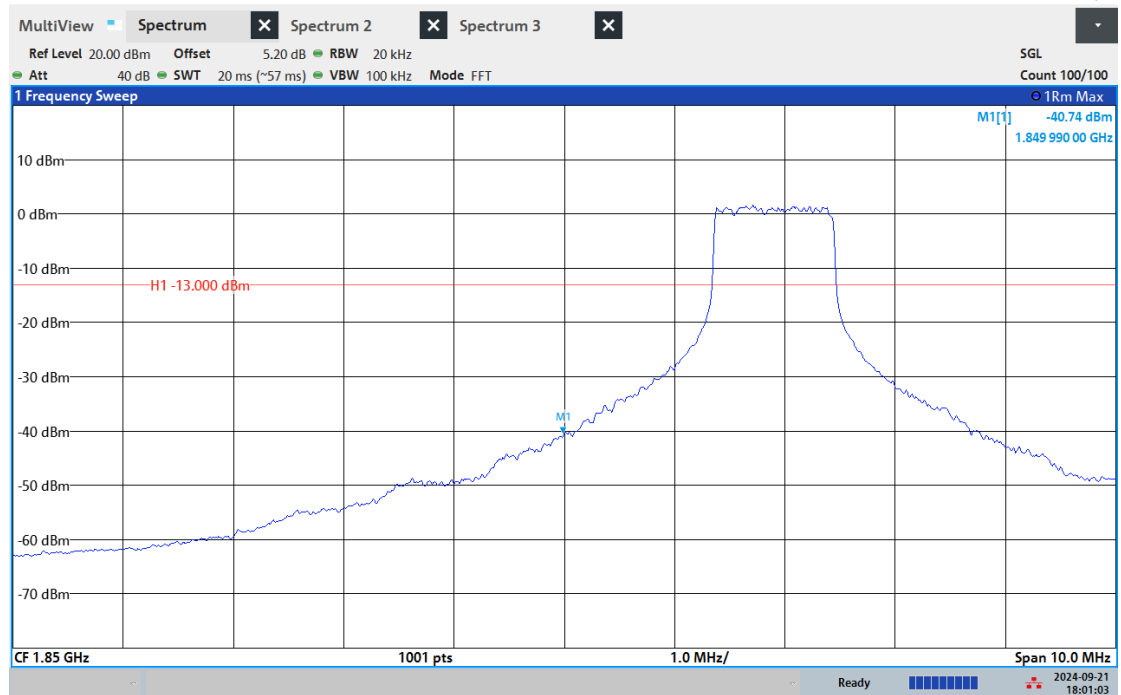


Band2-20MHz-QPSK-18700-6RB#0

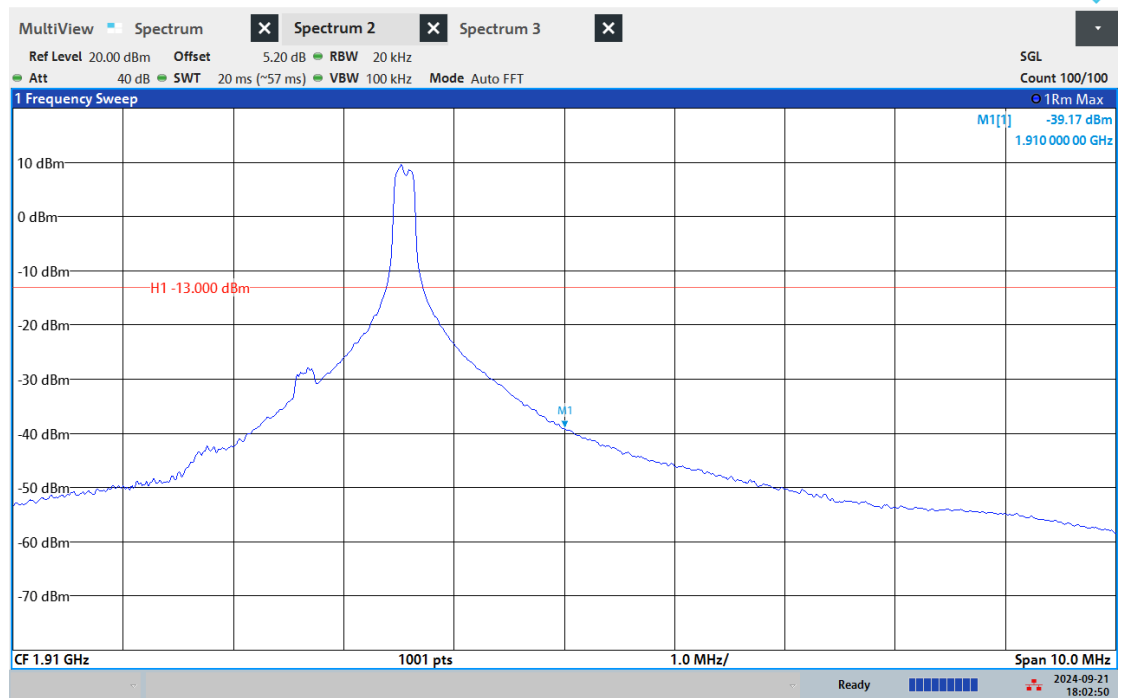


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-20MHz-QPSK-19100-1RB#5

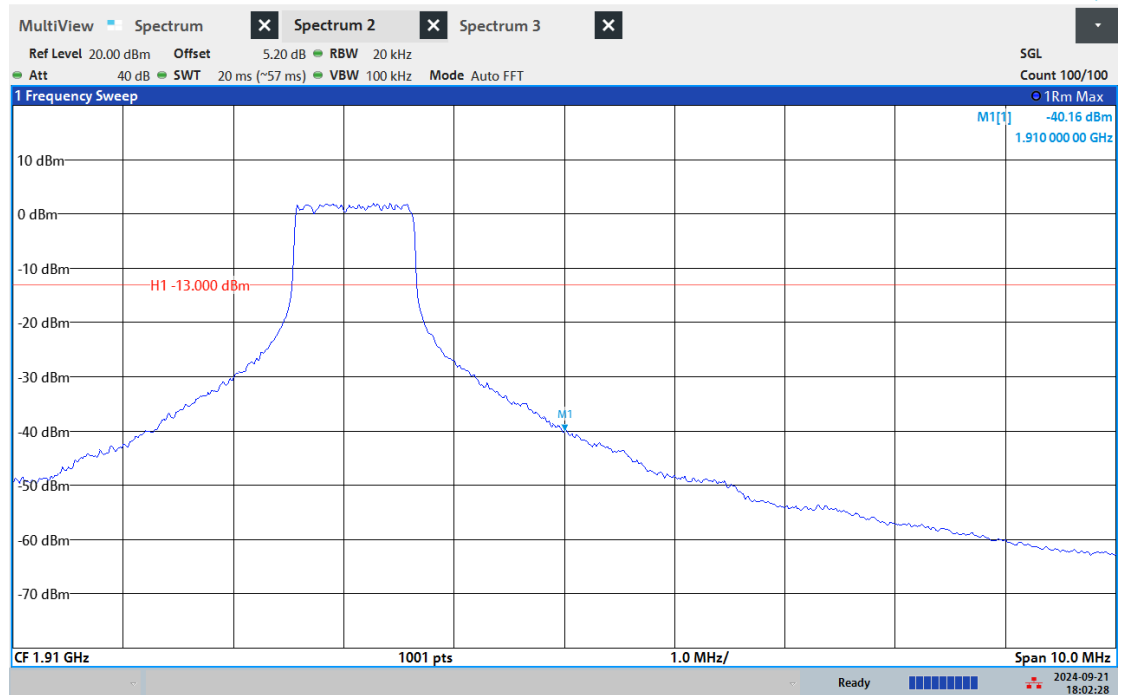


Band2-20MHz-QPSK-19100-6RB#0

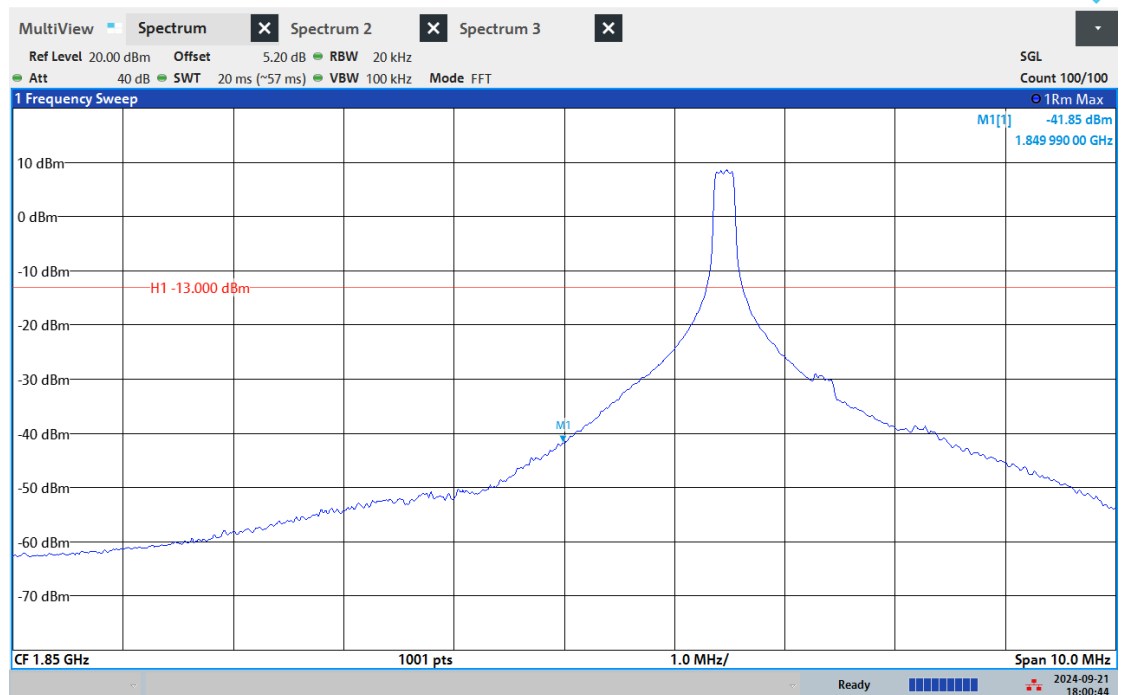


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-20MHz-16QAM-18700-1RB#0

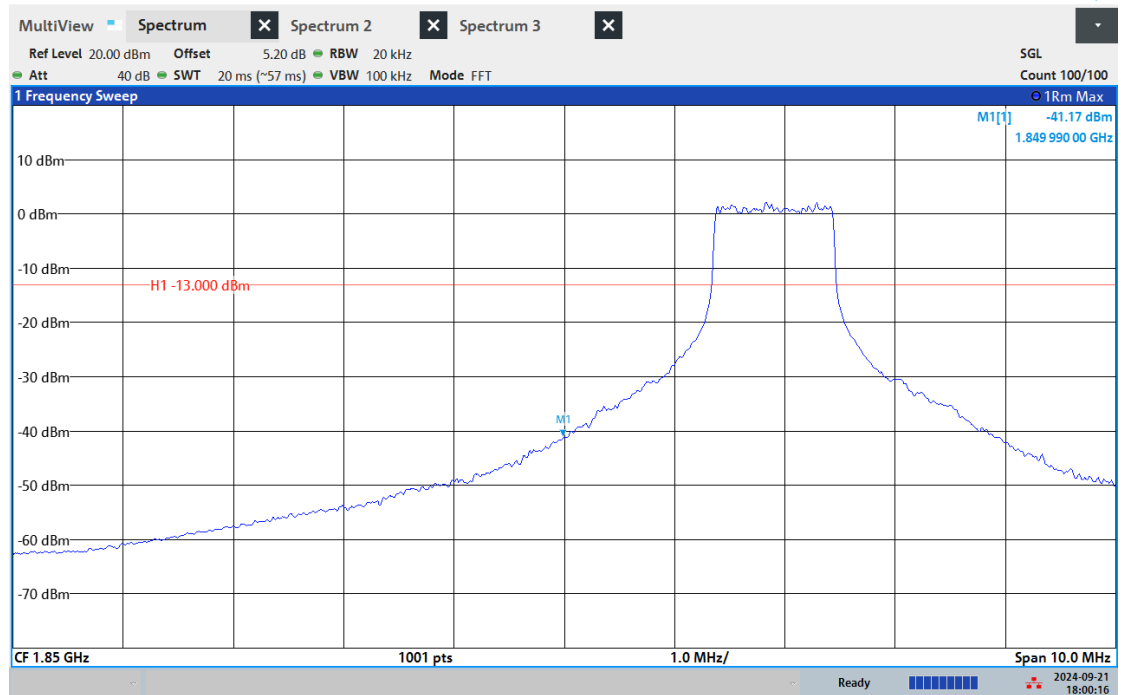


Band2-20MHz-16QAM-18700-6RB#0

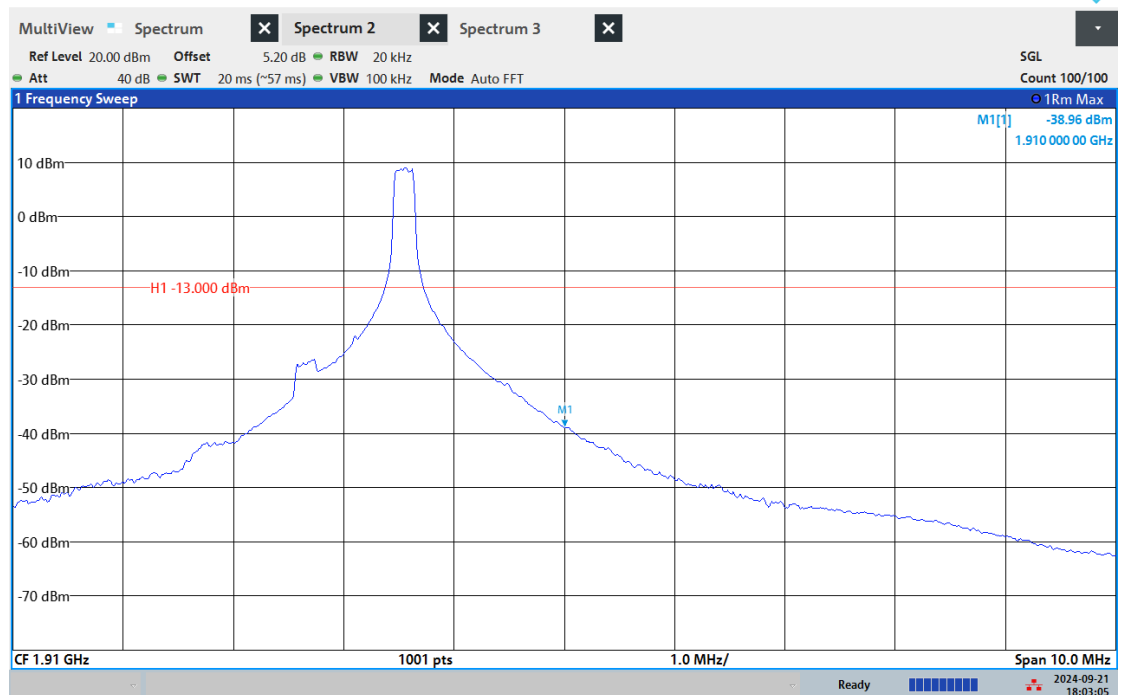


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-20MHz-16QAM-19100-1RB#5

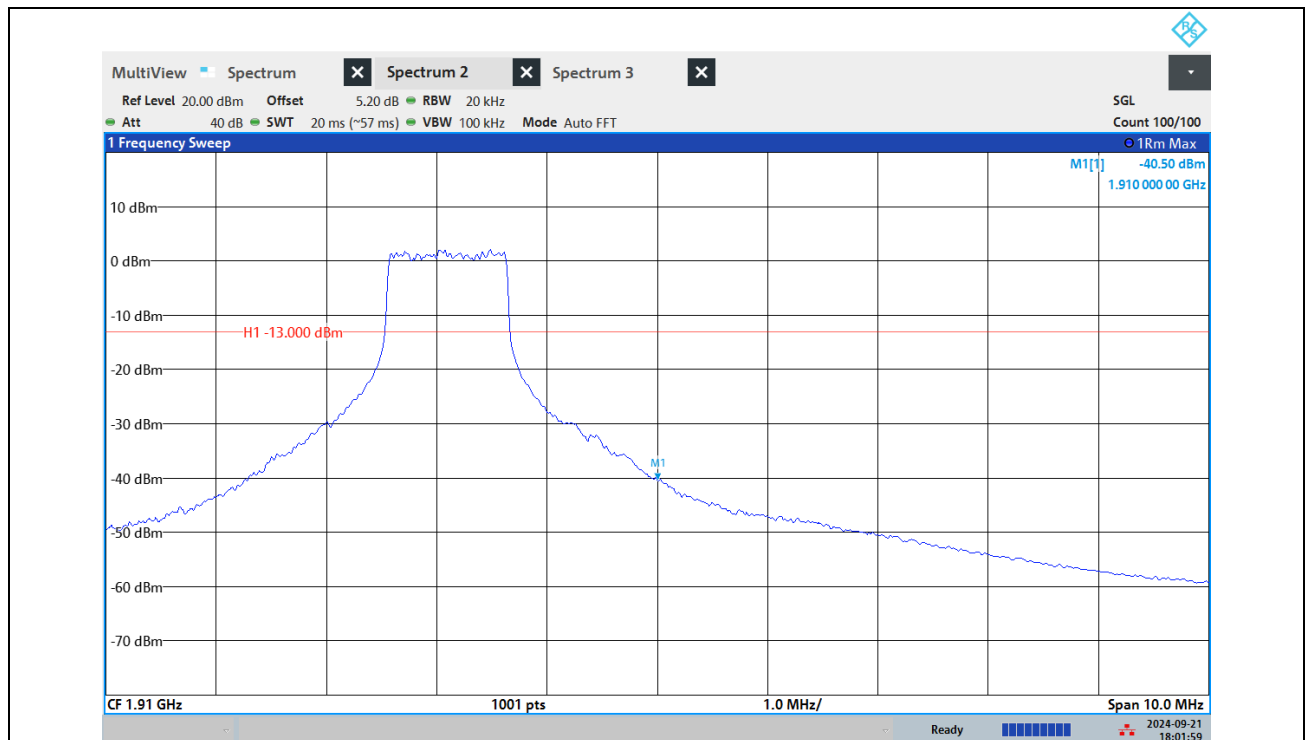


Band2-20MHz-16QAM-19100-6RB#0



BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth h	Modulation n	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range:30~20000MHz	See Graph	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range:30~20000MHz	See Graph	PASS

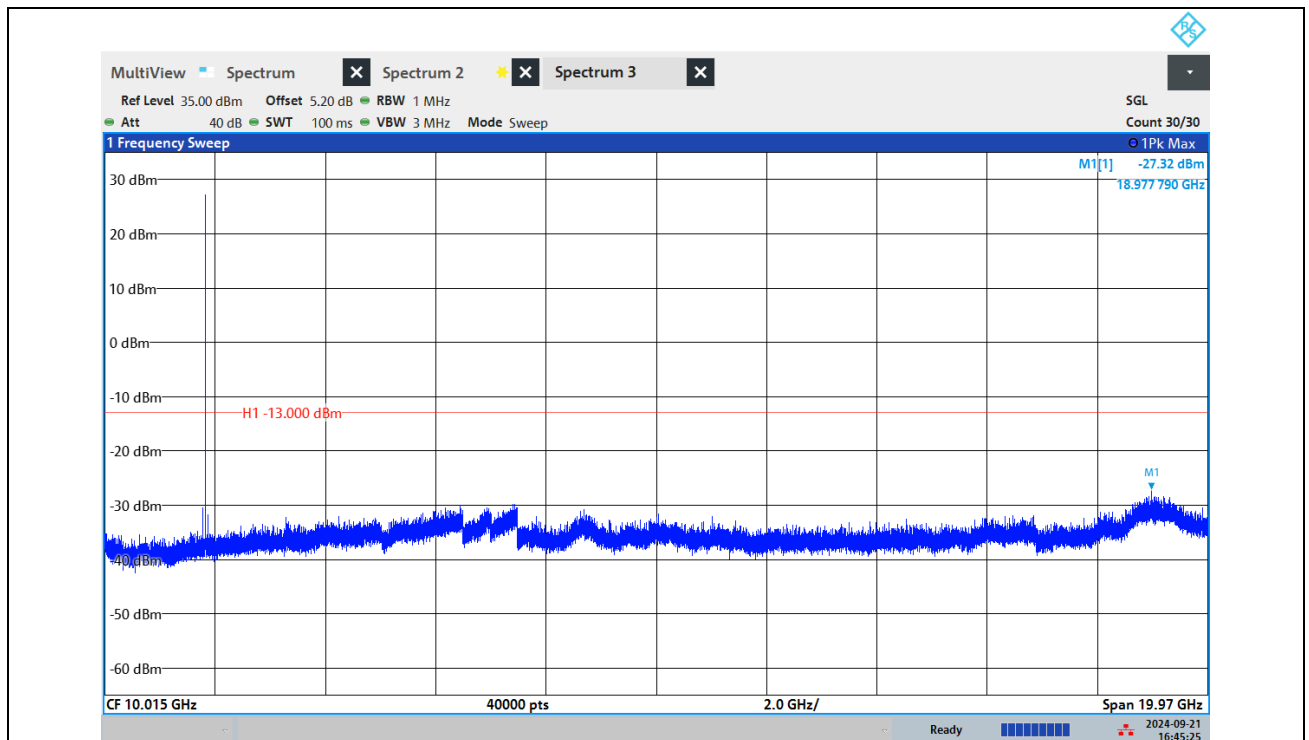
Test Graphs

Band2-1.4MHz-QPSK-18607-1RB#0-Range:30~20000MHz

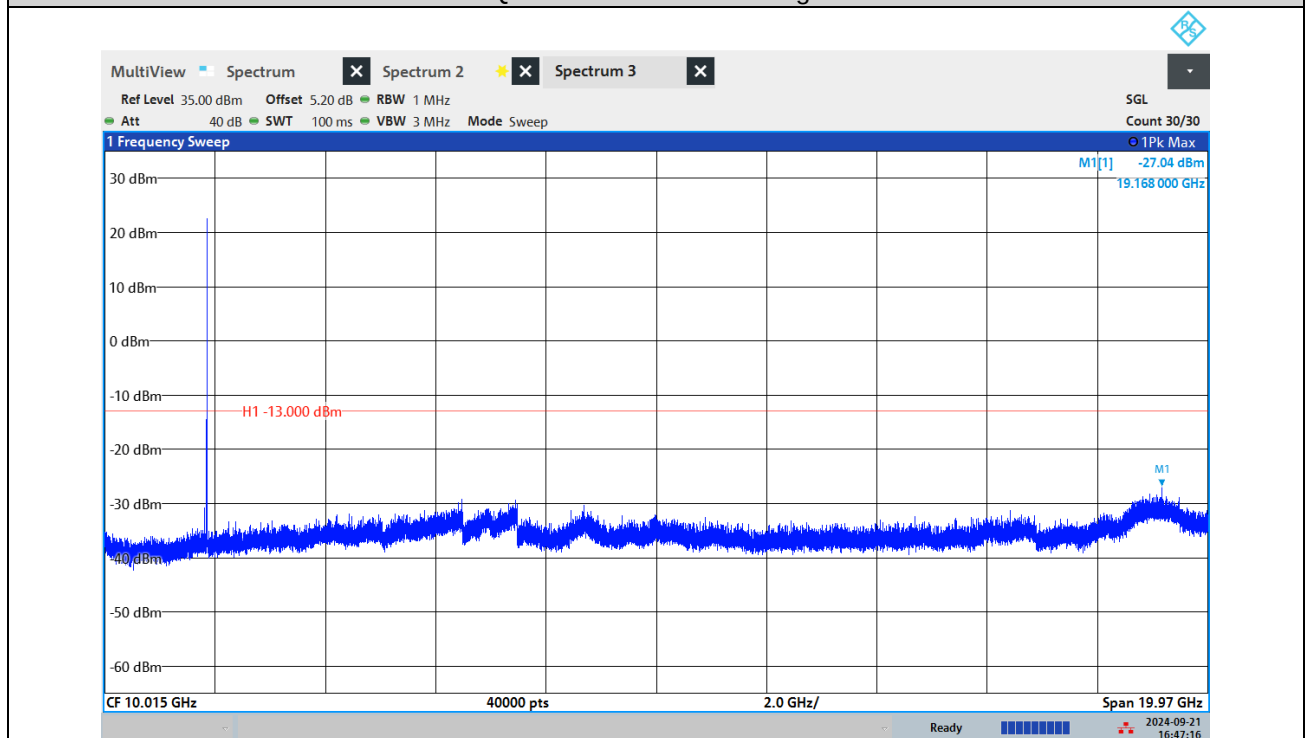


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-1.4MHz-QPSK-18900-1RB#0-Range:30~20000MHz

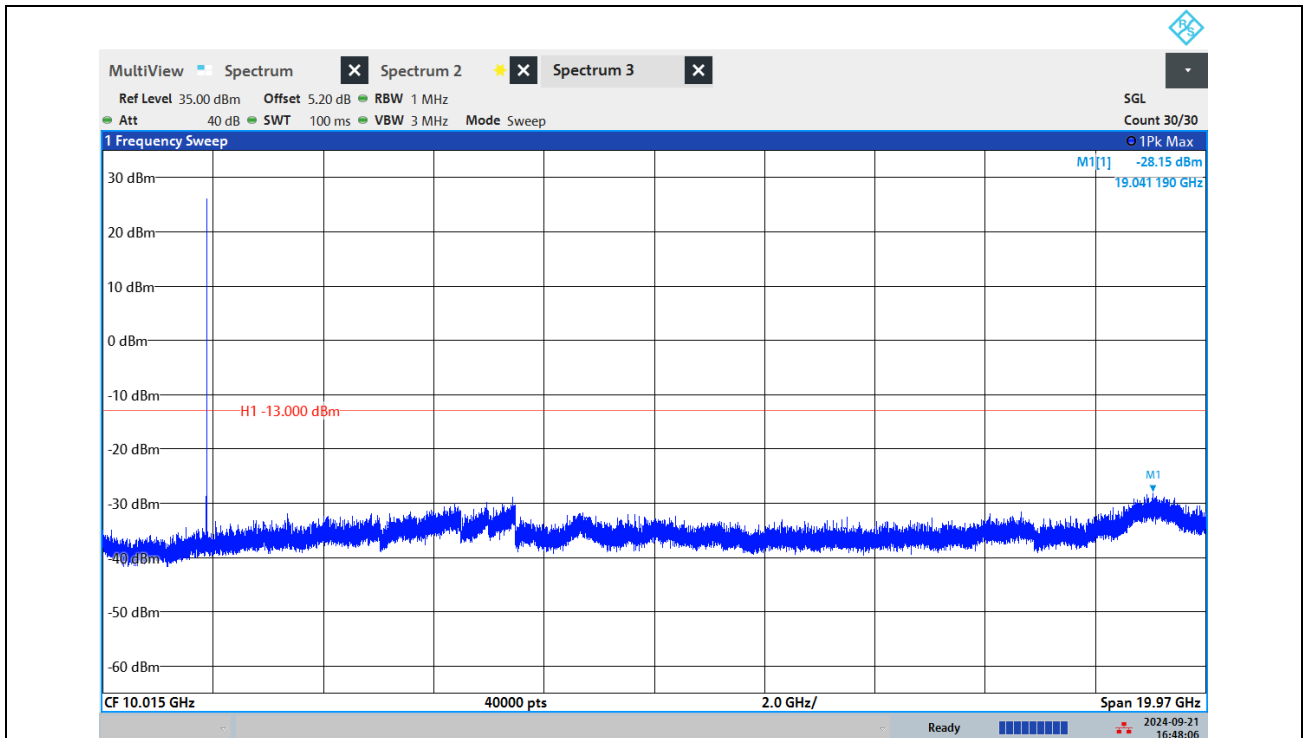


Band2-1.4MHz-QPSK-19193-1RB#0-Range:30~20000MHz

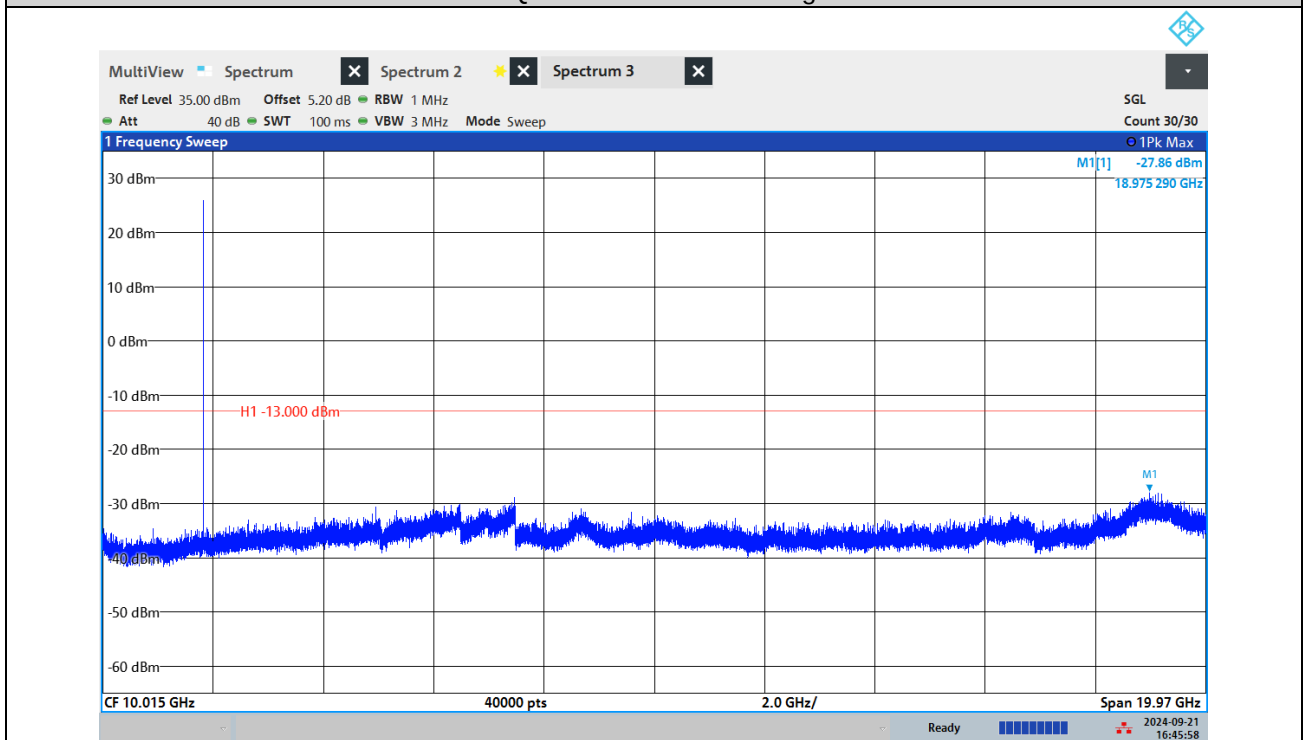


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-1.4MHz-16QAM-18607-1RB#0-Range:30~20000MHz

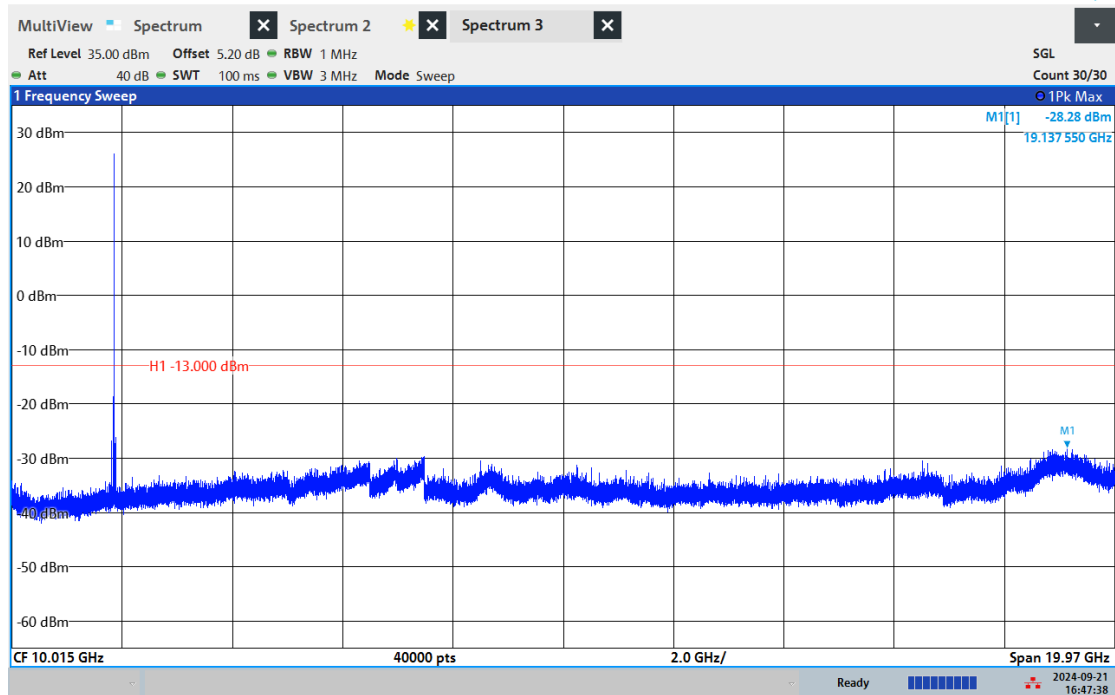


Band2-1.4MHz-16QAM-18900-1RB#0-Range:30~20000MHz

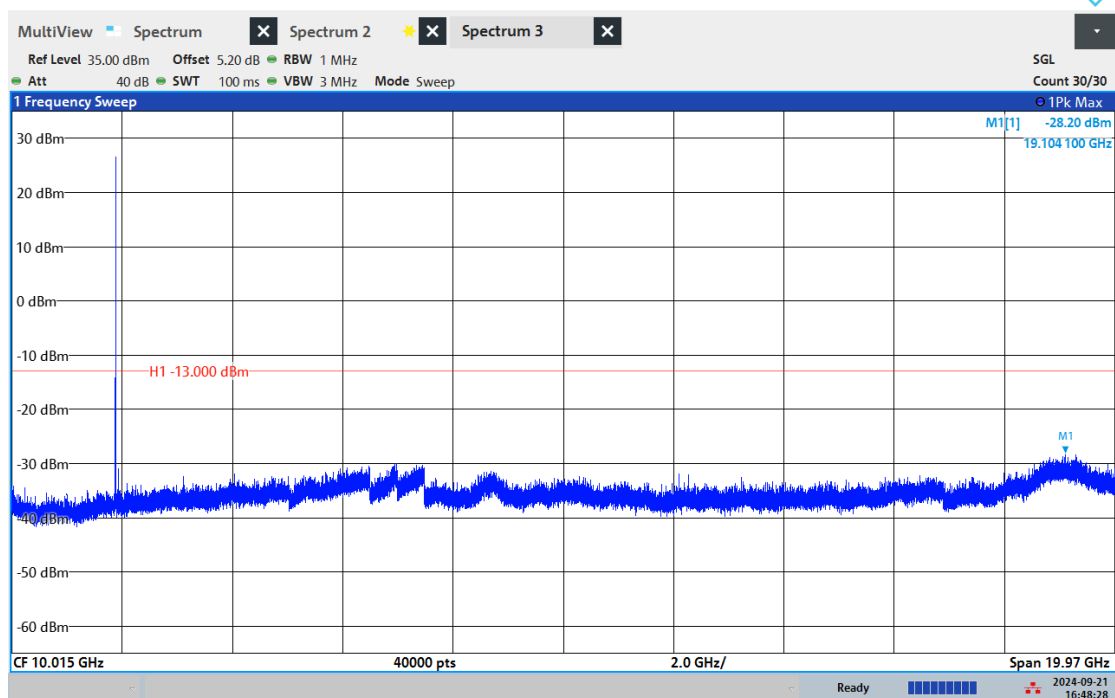


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-1.4MHz-16QAM-19193-1RB#0-Range:30~20000MHz

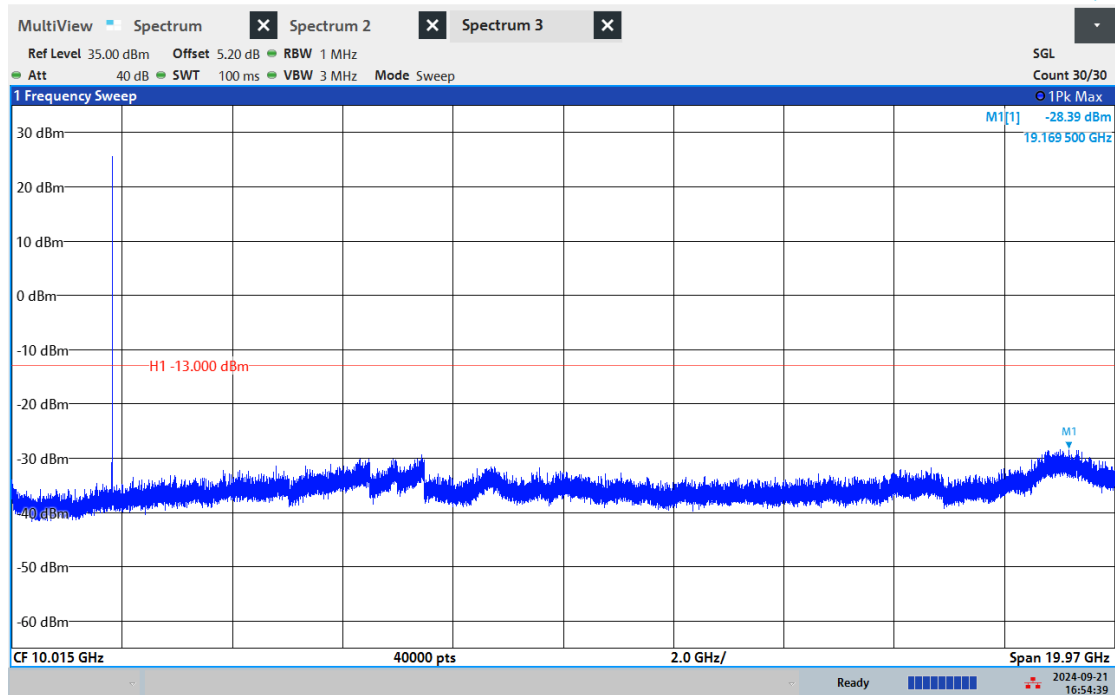


Band2-3MHz-QPSK-18615-1RB#0-Range:30~20000MHz

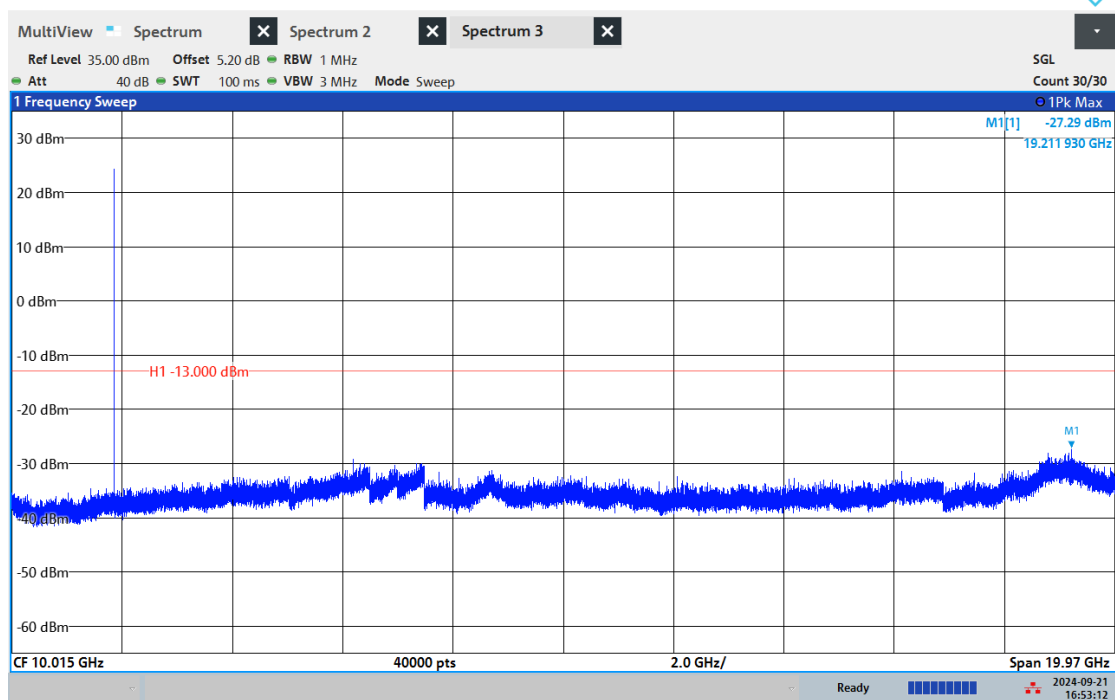


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-3MHz-QPSK-18900-1RB#0-Range:30~20000MHz

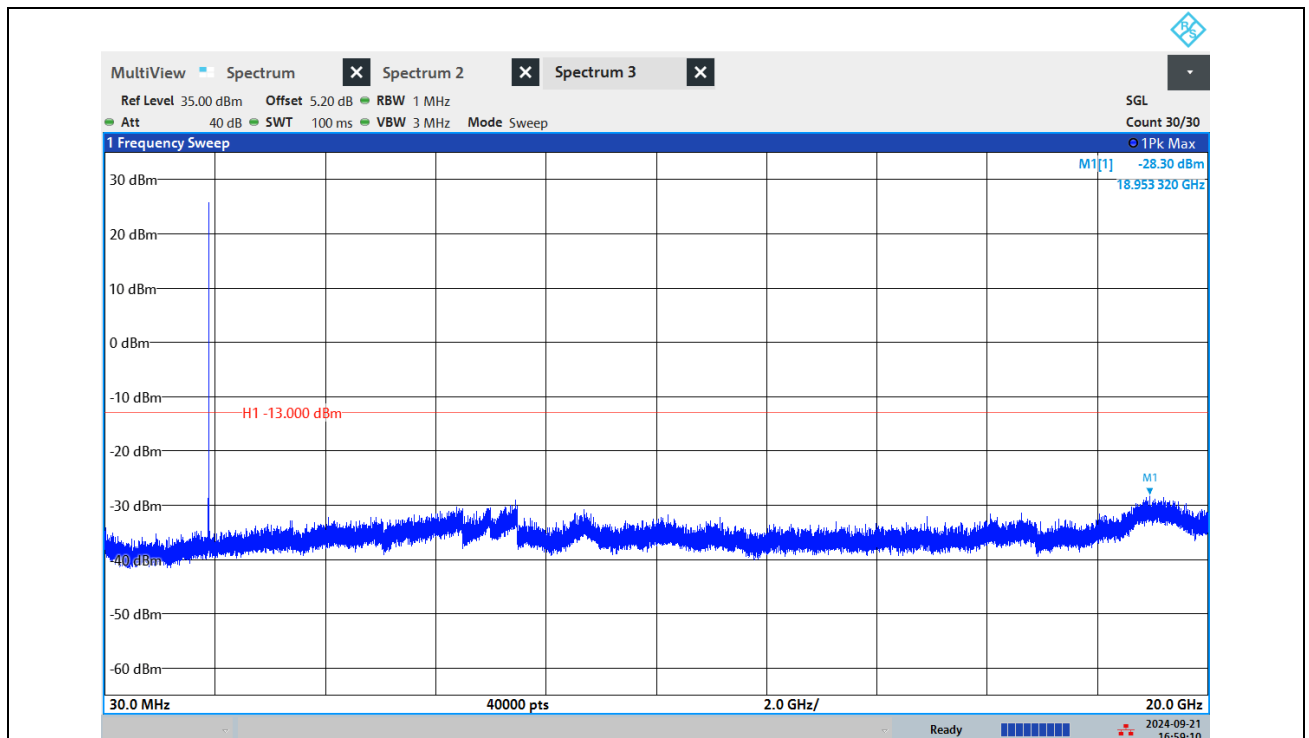


Band2-3MHz-QPSK-19185-1RB#0-Range:30~20000MHz

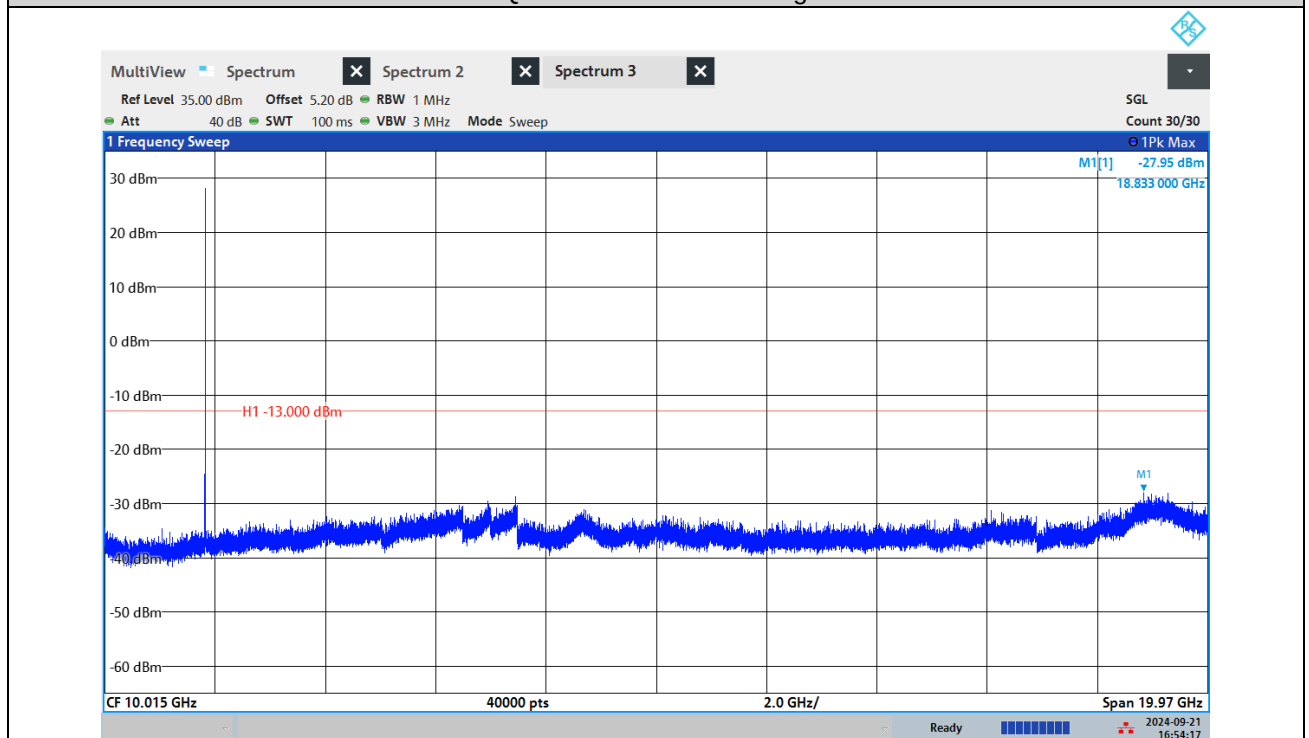


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-3MHz-16QAM-18615-1RB#0-Range:30~20000MHz

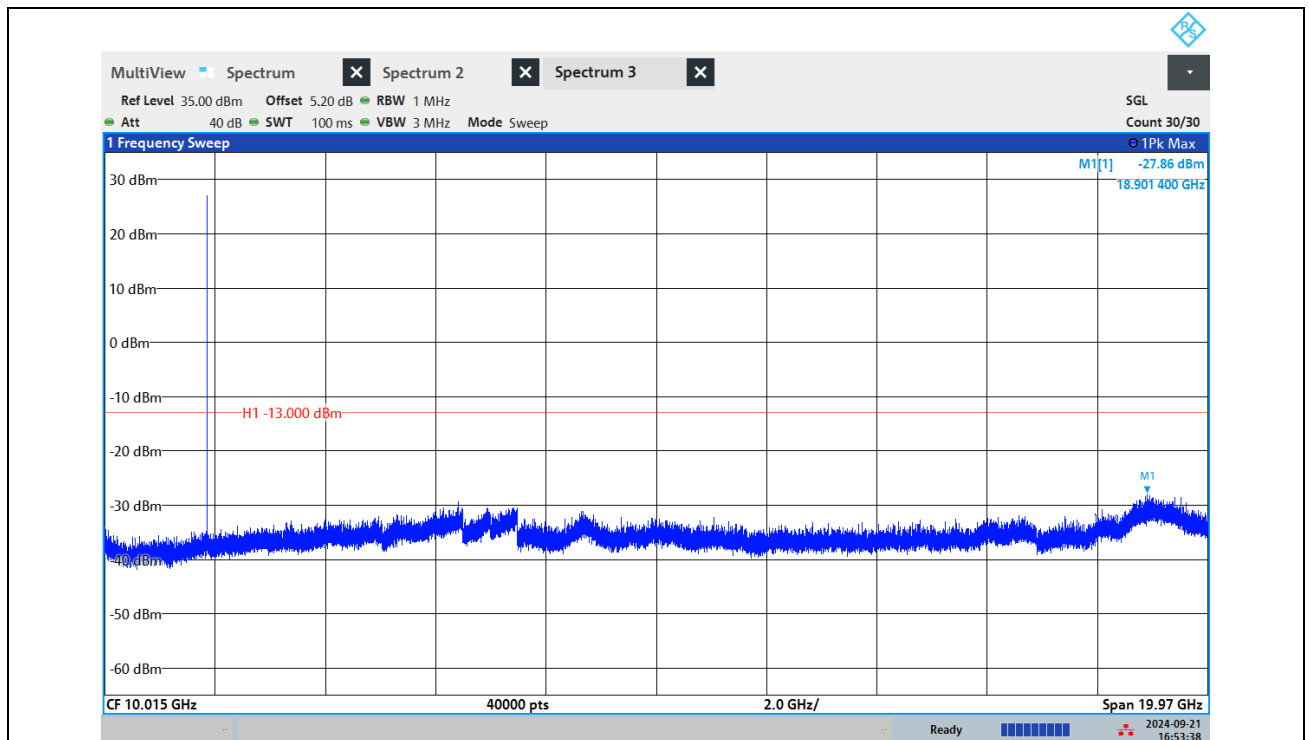


Band2-3MHz-16QAM-18900-1RB#0-Range:30~20000MHz

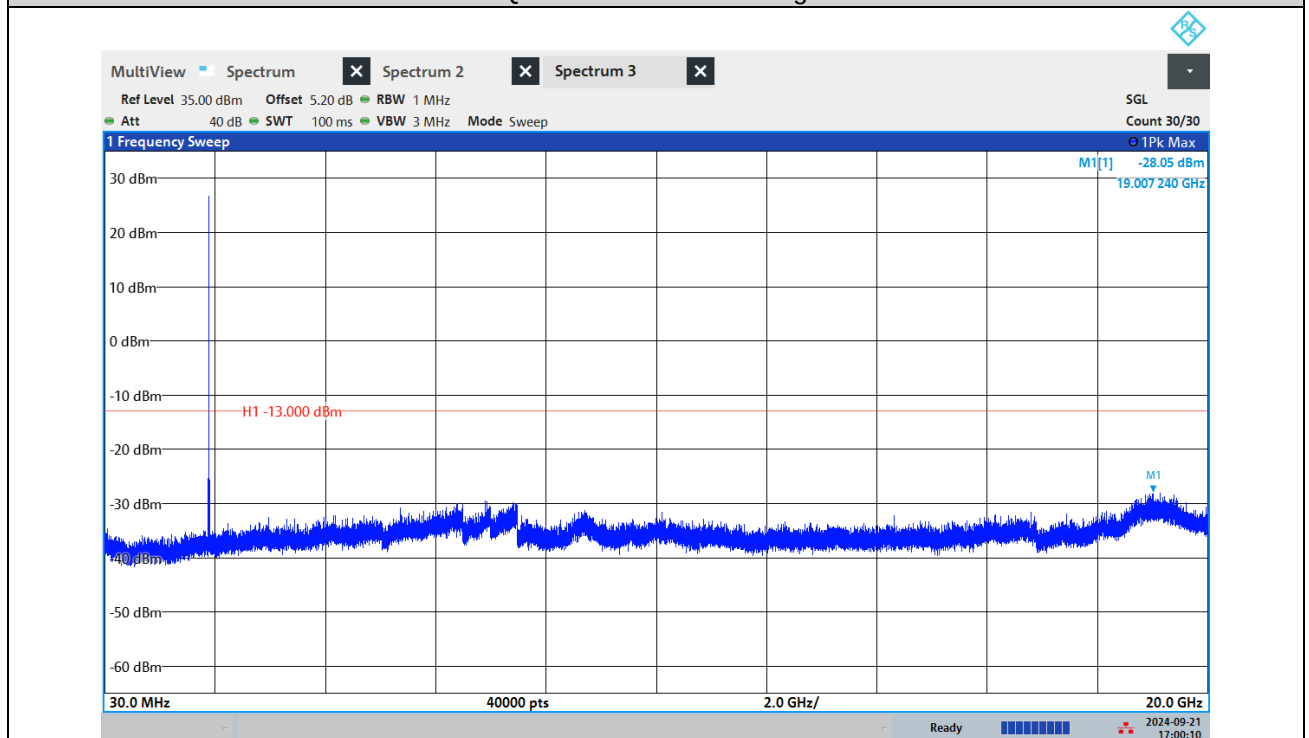


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-3MHz-16QAM-19185-1RB#0-Range:30~20000MHz

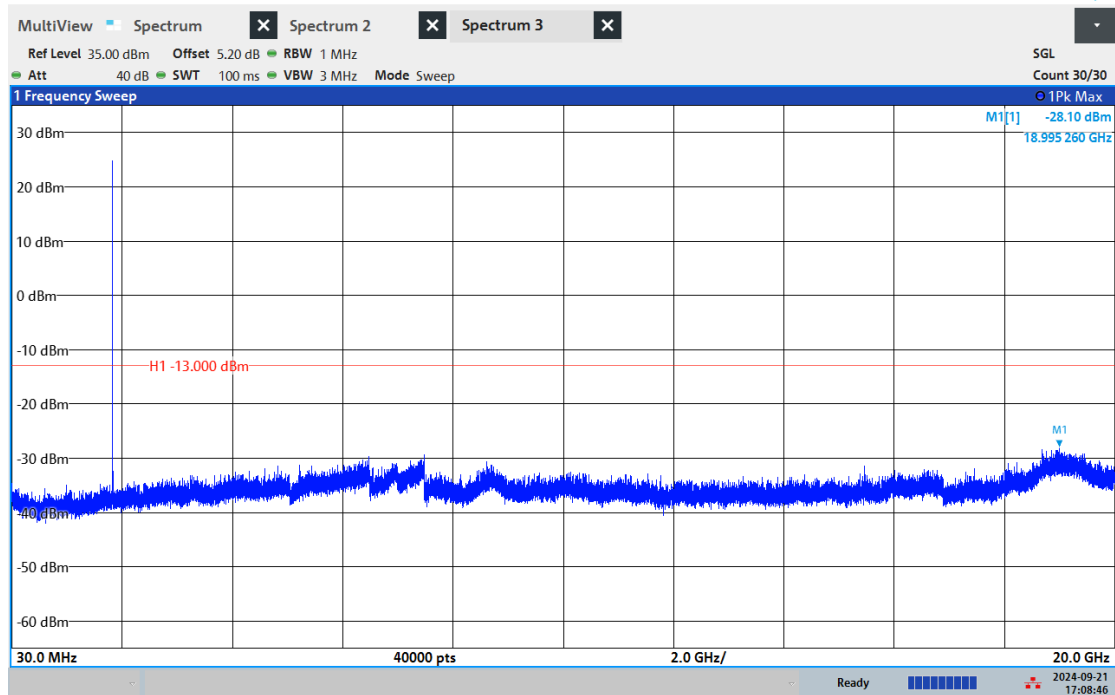


Band2-5MHz-QPSK-18625-1RB#0Range:30~20000MHz

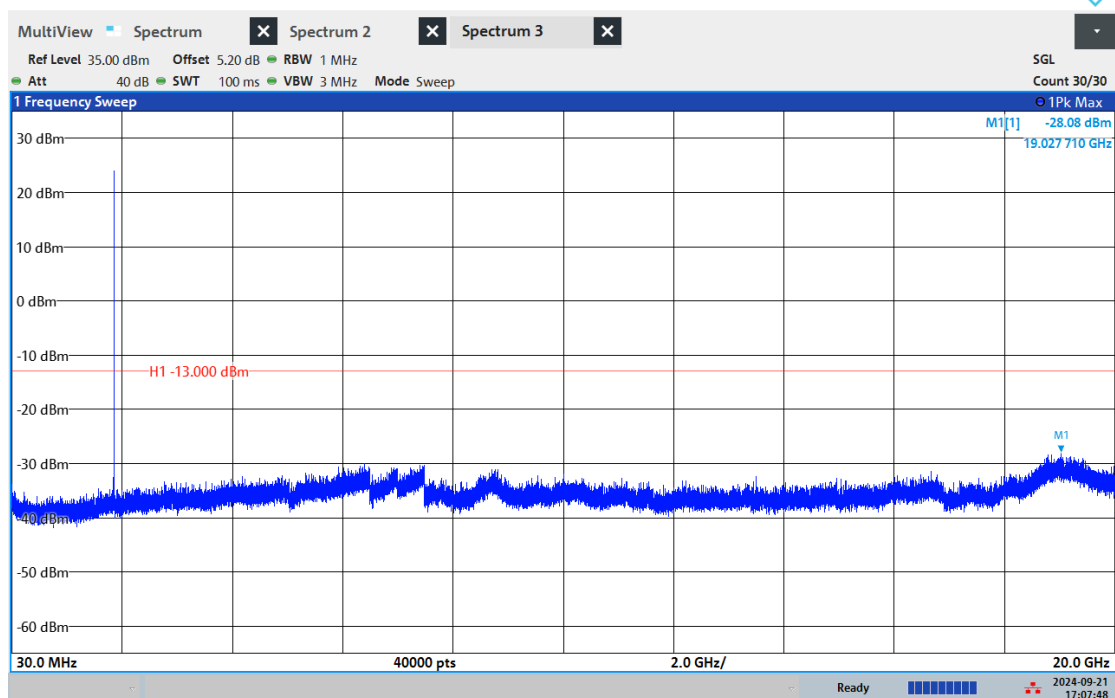


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-5MHz-QPSK-18900-1RB#0-Range:30~20000MHz

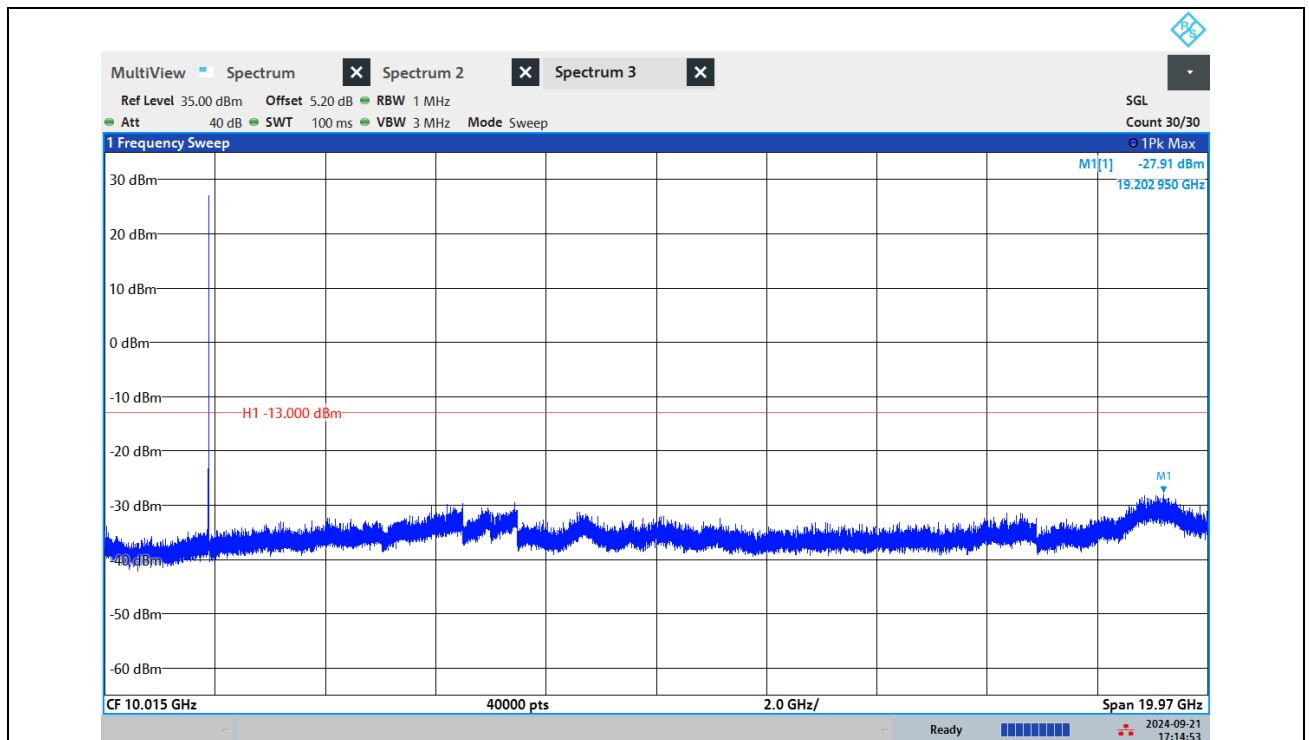


Band2-5MHz-QPSK-19175-1RB#0-Range:30~20000MHz

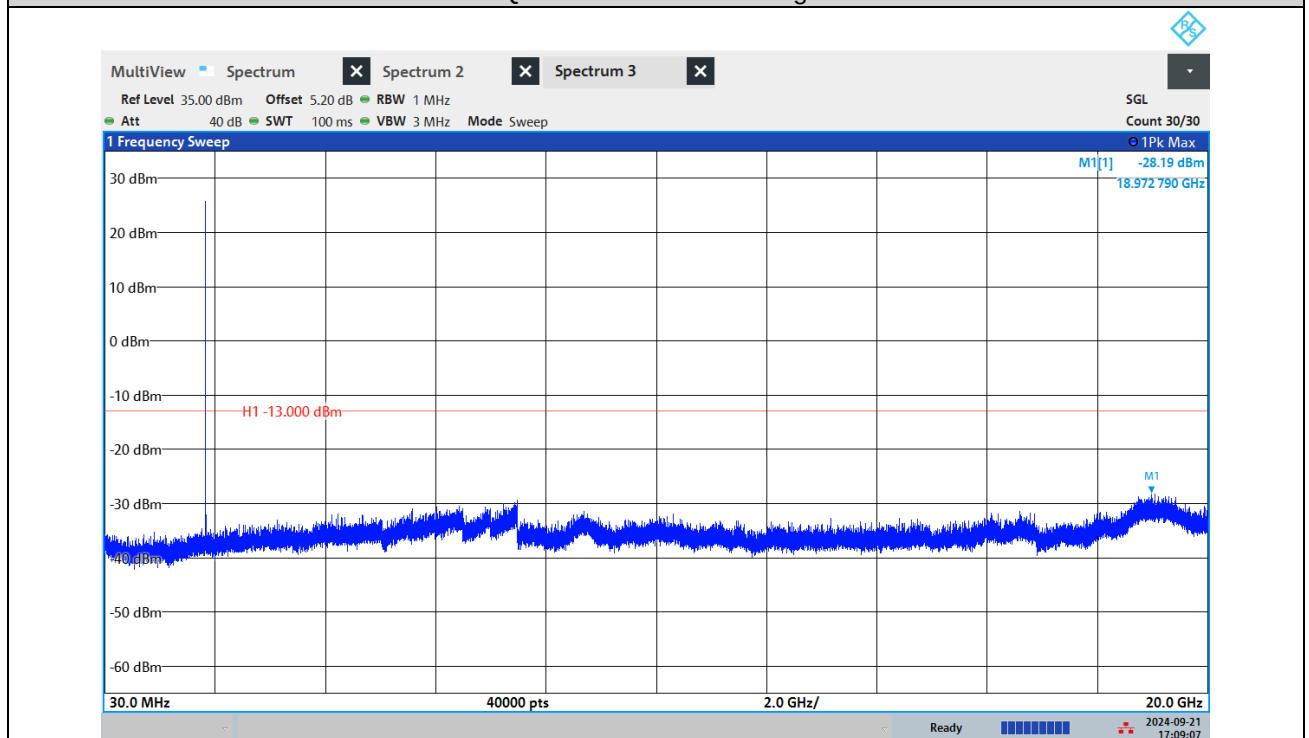


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-5MHz-16QAM-18625-1RB#0-Range:30~20000MHz

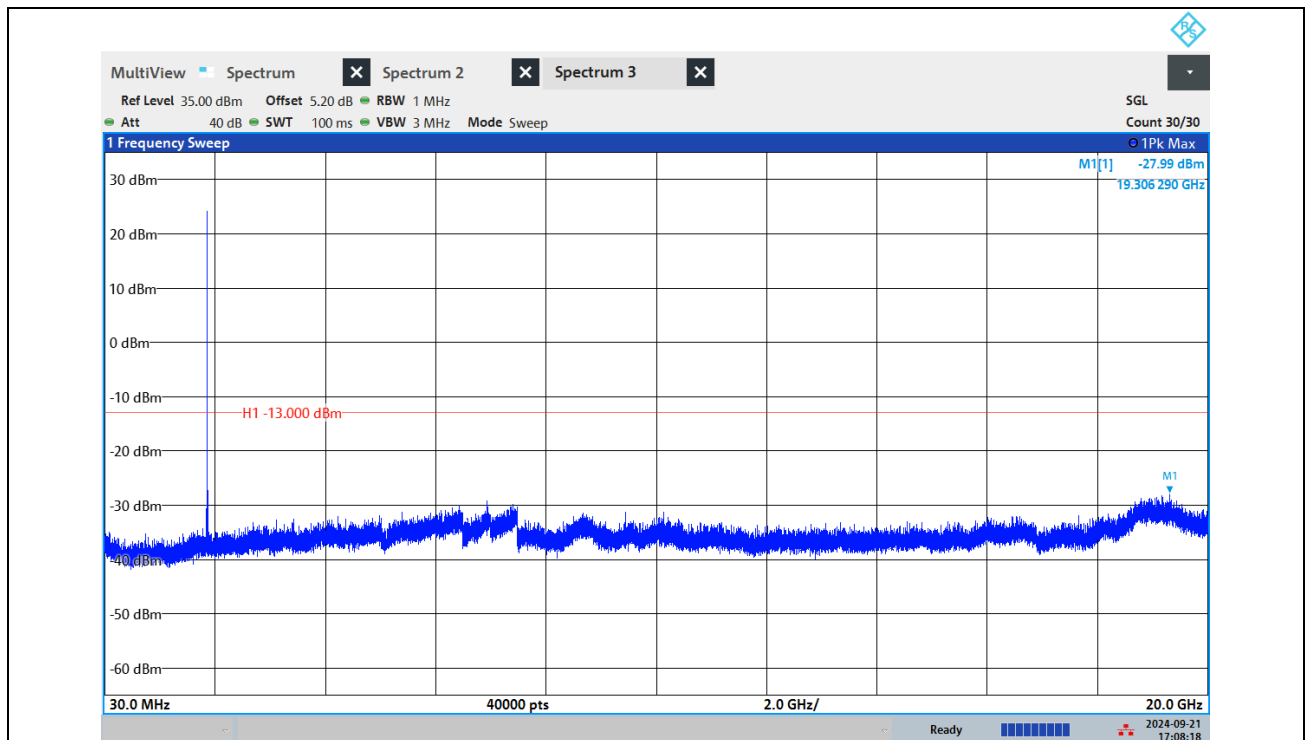


Band2-5MHz-16QAM-18900-1RB#0-Range:30~20000MHz

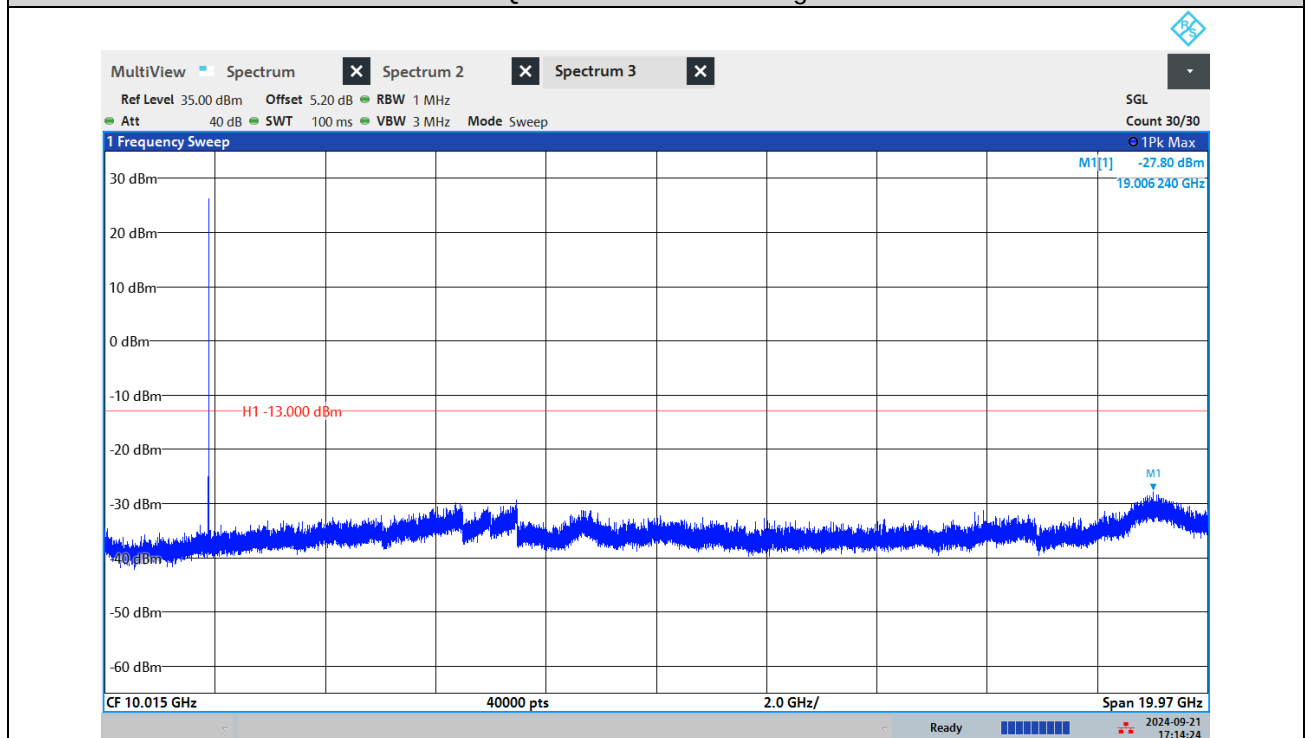


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-5MHz-16QAM-19175-1RB#0-Range:30~20000MHz

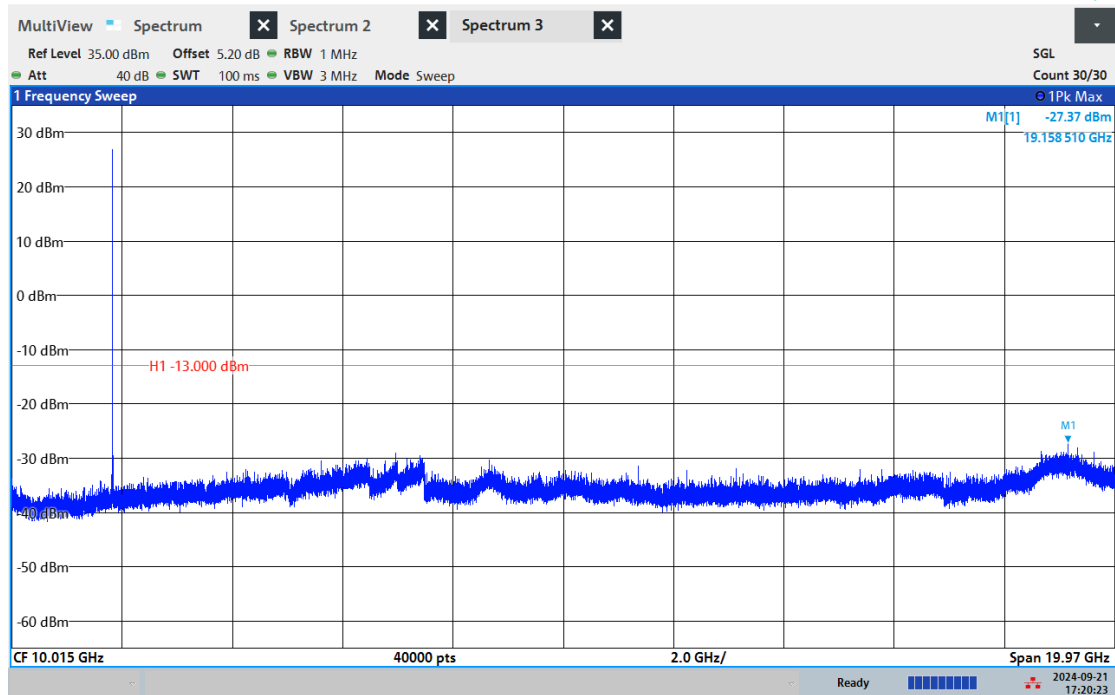


Band2-10MHz-QPSK-18650-1RB#0-Range:30~20000MHz

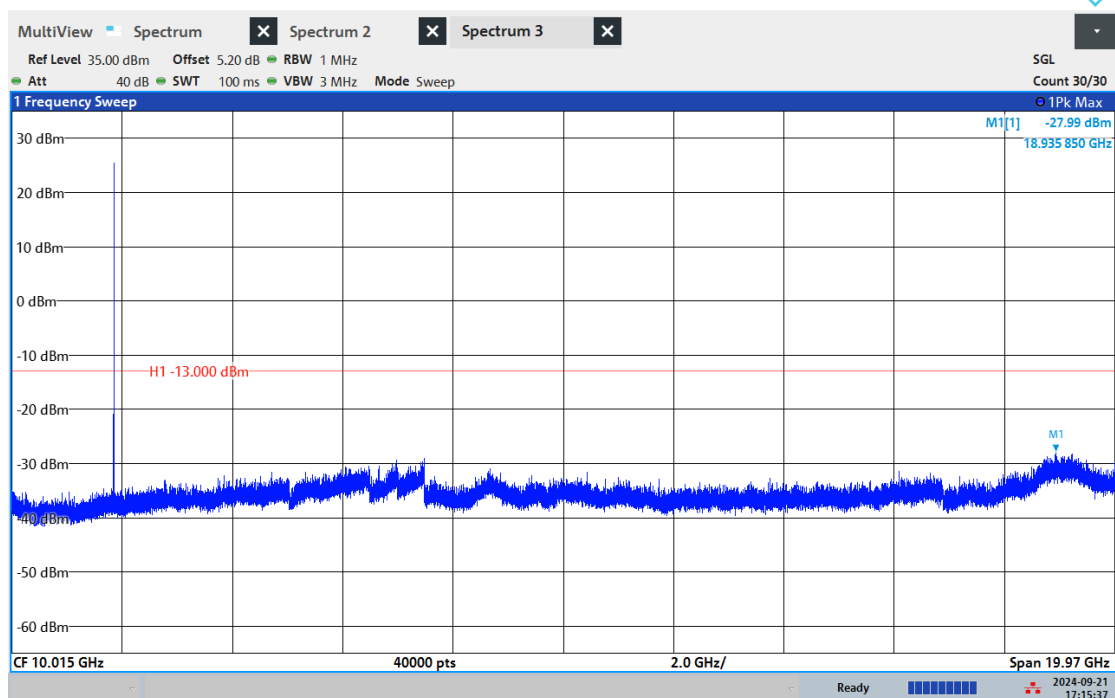


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-10MHz-QPSK-18900-1RB#0-Range:30~20000MHz

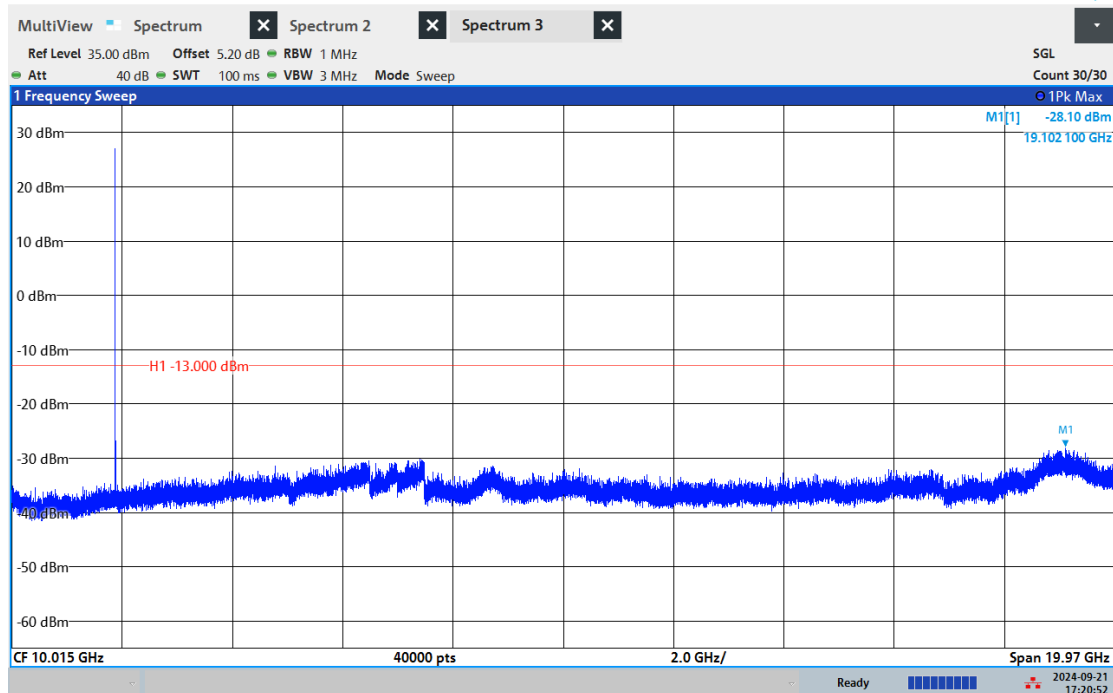


Band2-10MHz-QPSK-19150-1RB#0-Range:30~20000MHz

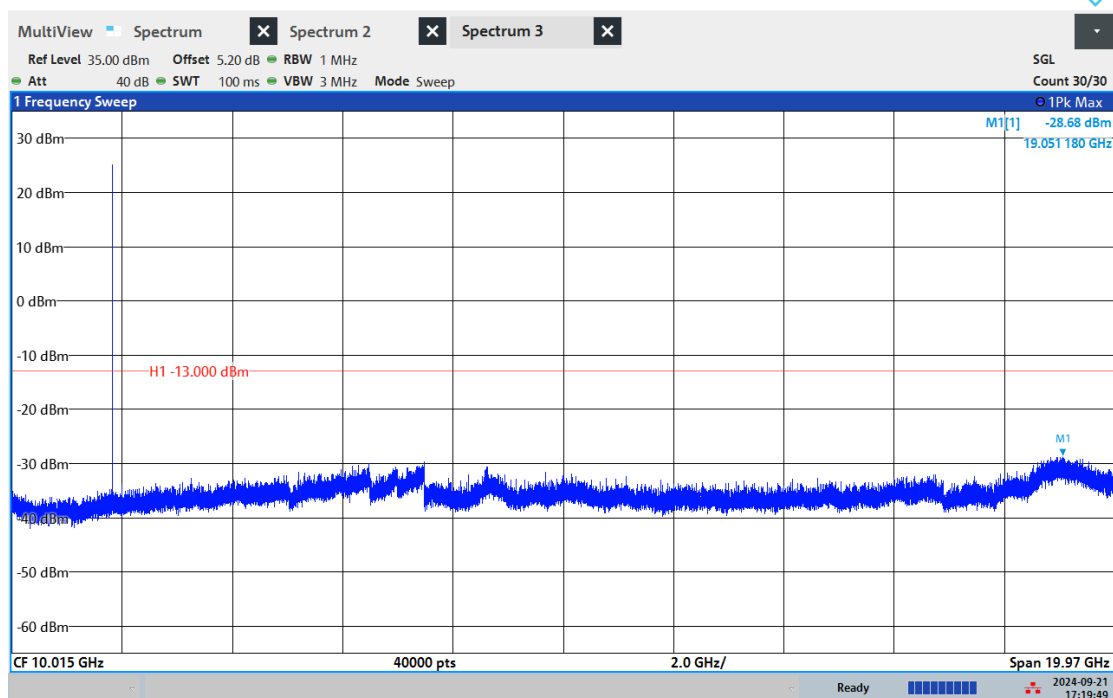


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-10MHz-16QAM-18650-1RB#0-Range:30~20000MHz

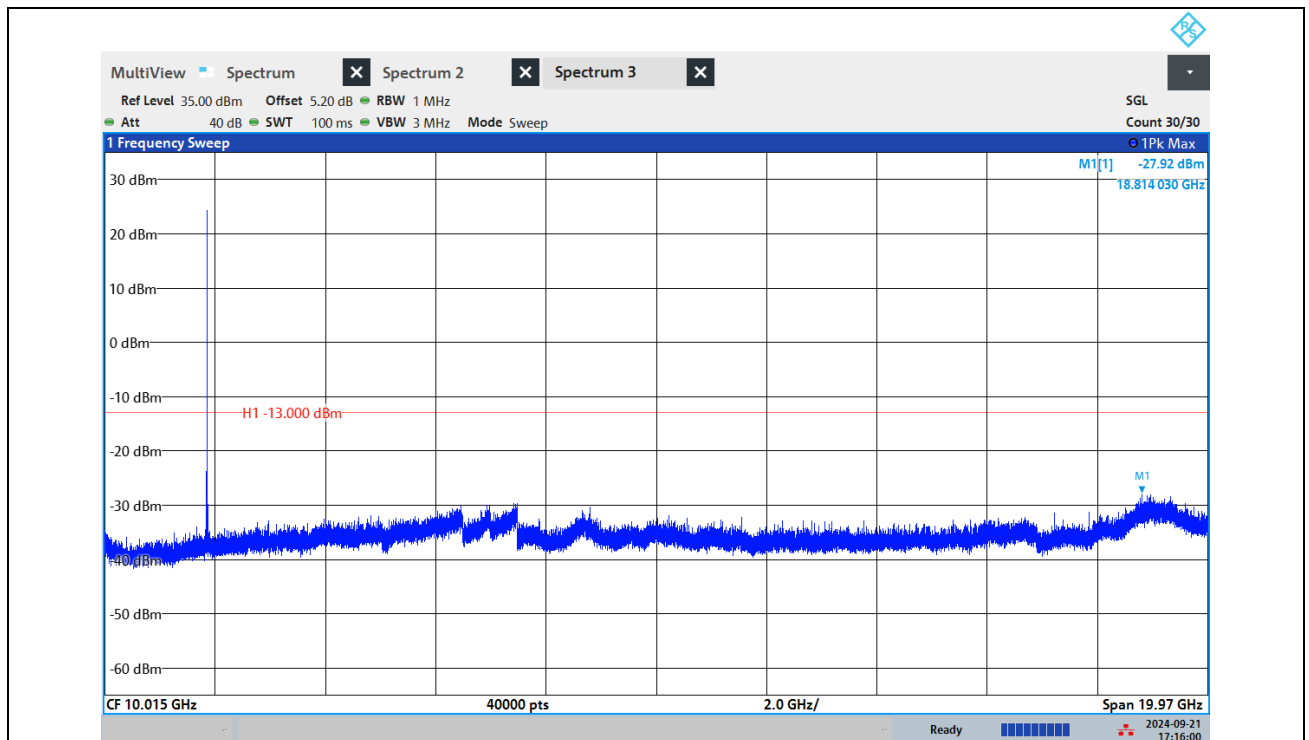


Band2-10MHz-16QAM-18900-1RB#0-Range:30~20000MHz

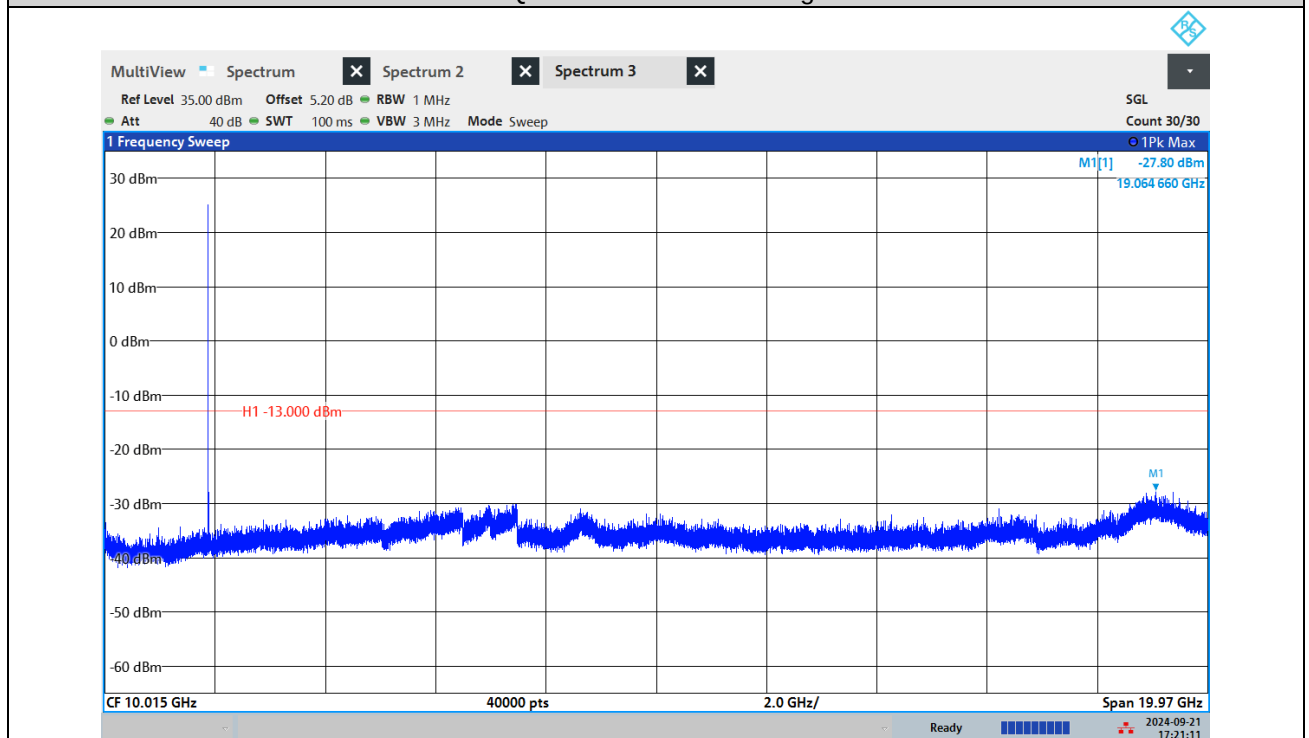


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-10MHz-16QAM-19150-1RB#0-Range:30~20000MHz

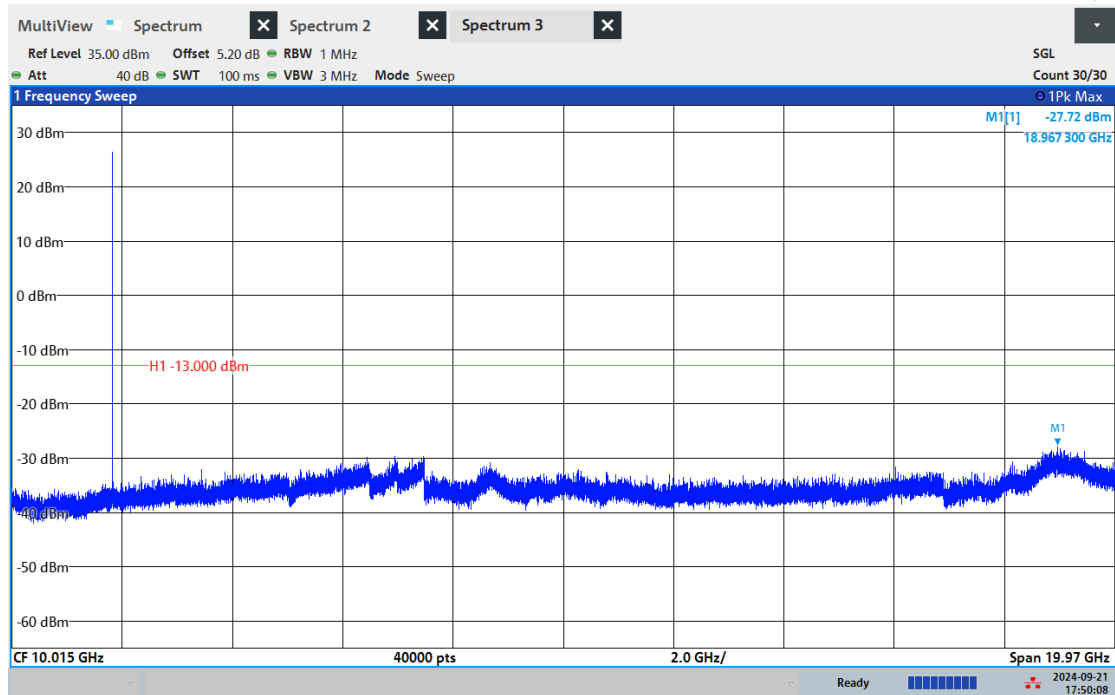


Band2-15MHz-QPSK-18675-1RB#0-Range:30~20000MHz

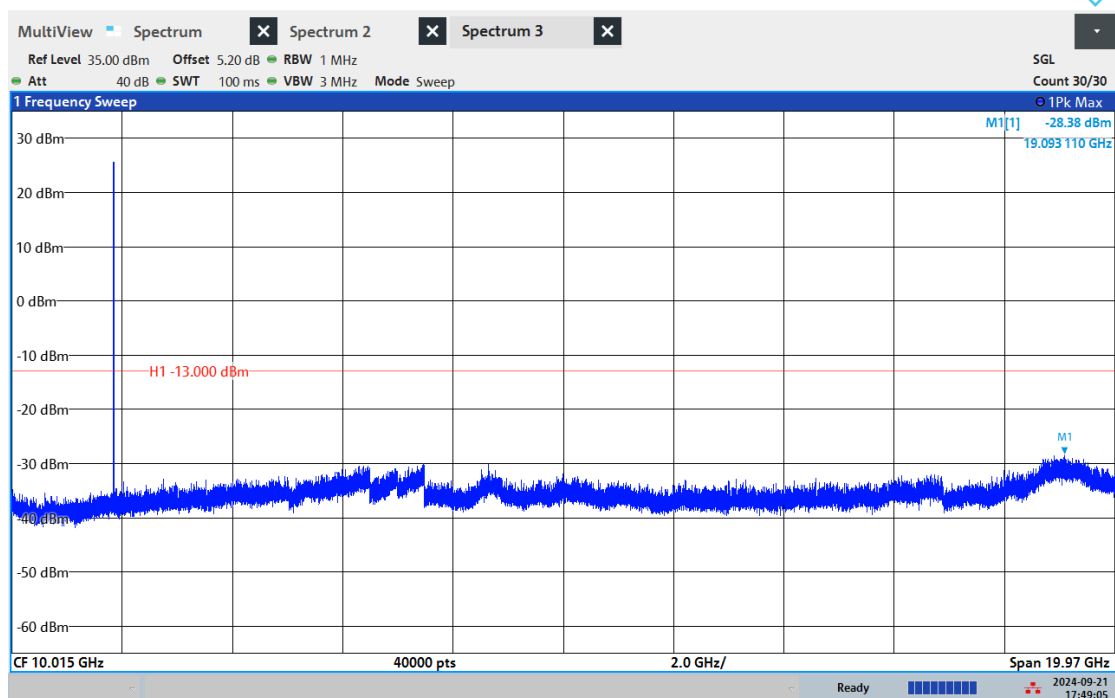


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-15MHz-QPSK-18900-1RB#0-Range:30~20000MHz

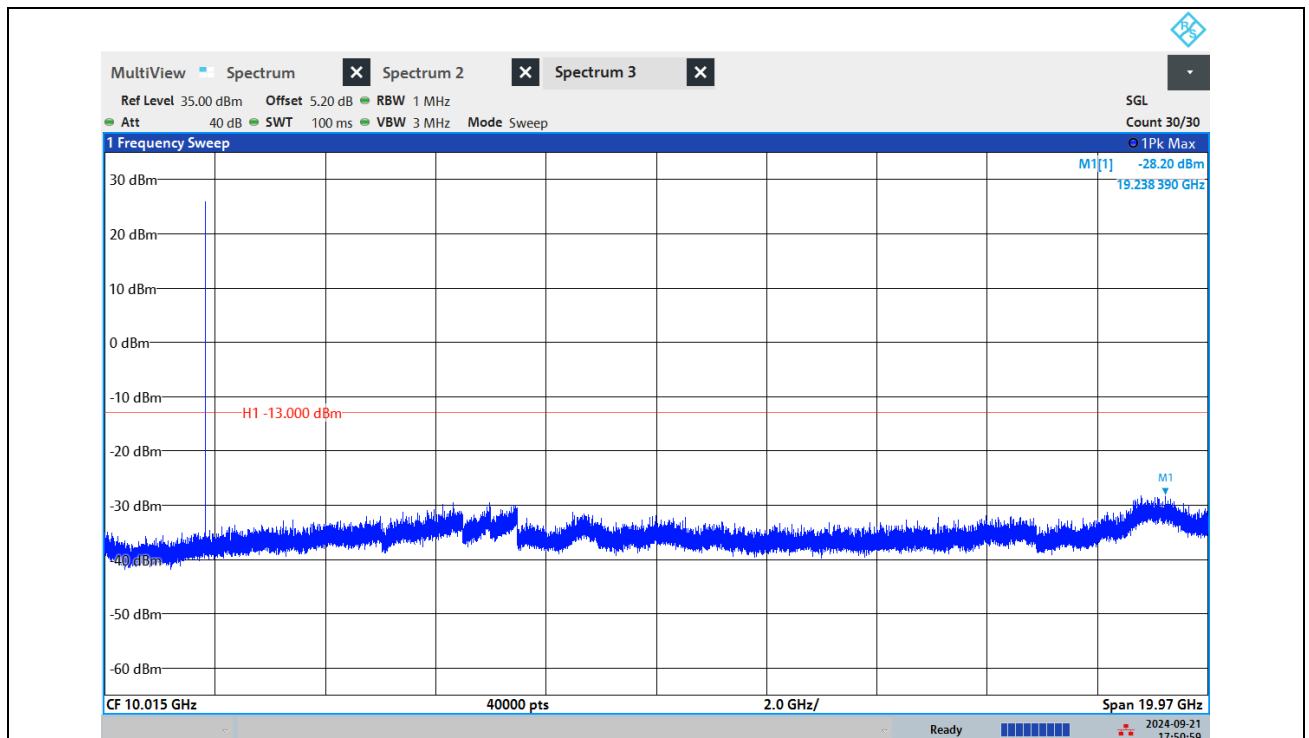


Band2-15MHz-QPSK-19125-1RB#0-Range:30~20000MHz

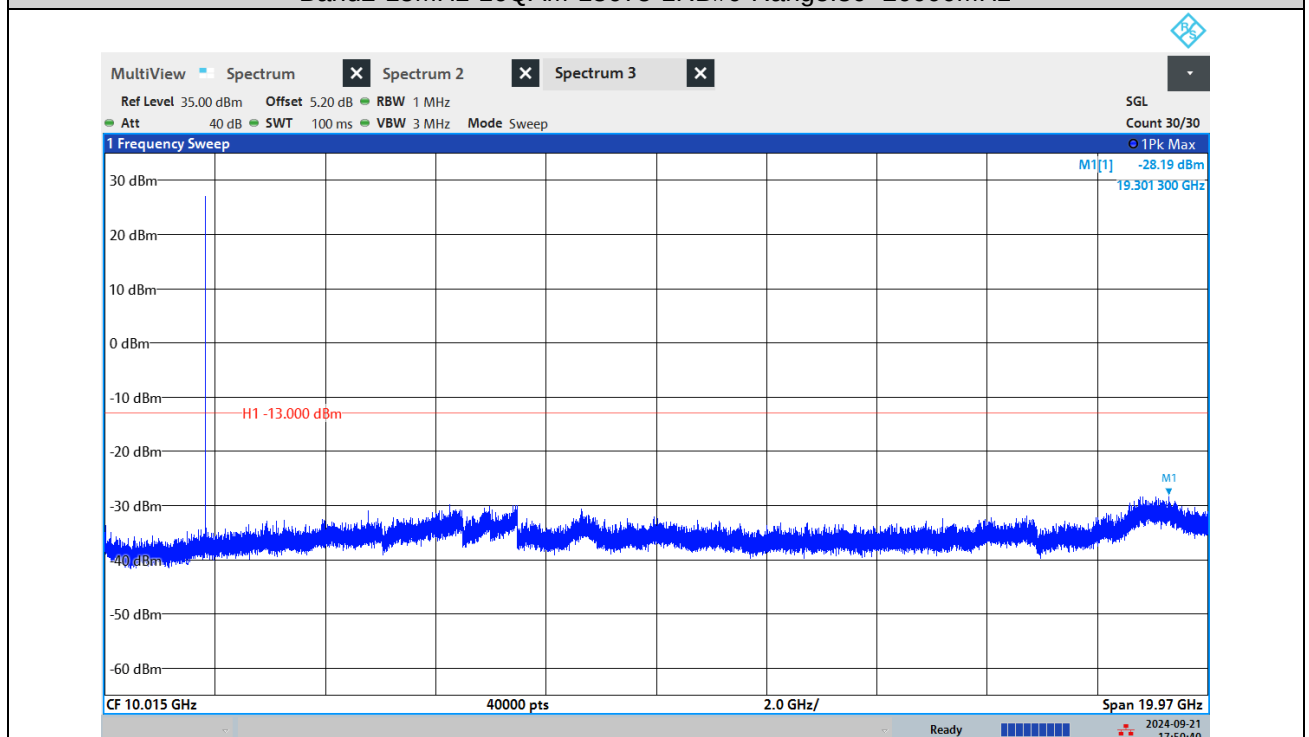


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-15MHz-16QAM-18675-1RB#0-Range:30~20000MHz

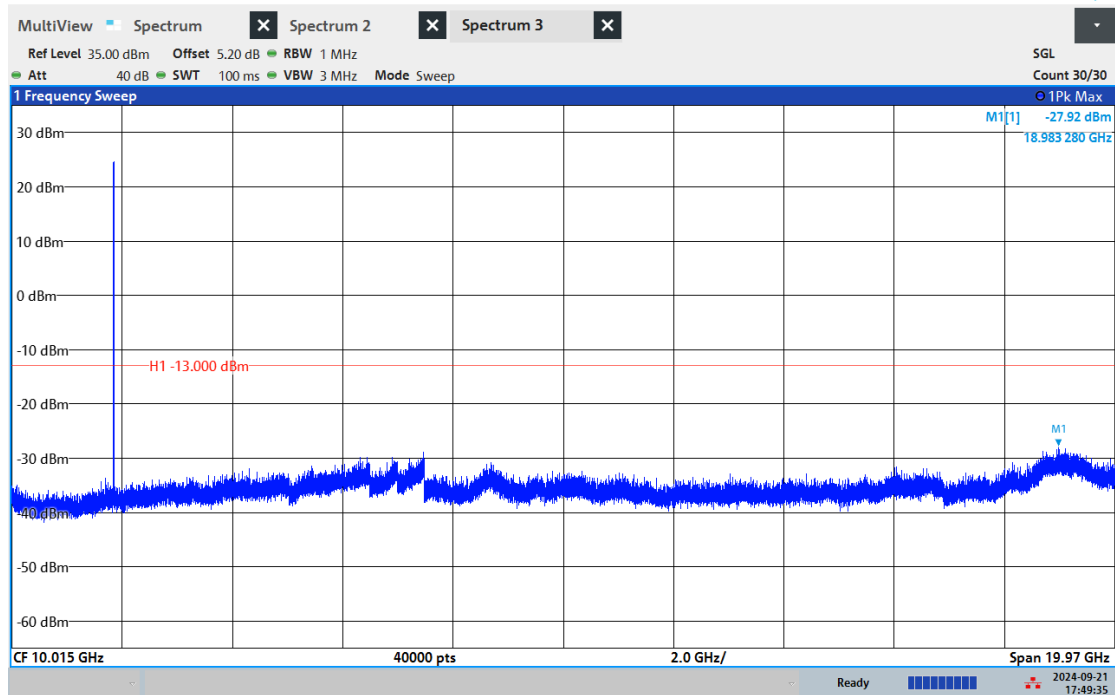


Band2-15MHz-16QAM-18900-1RB#0-Range:30~20000MHz

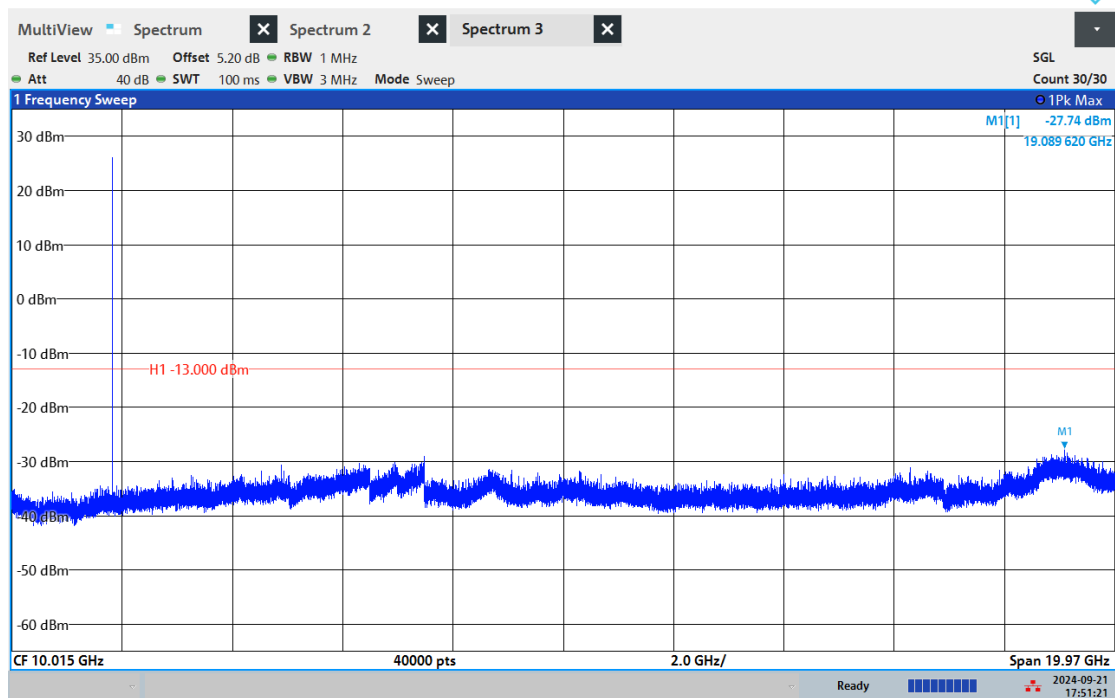


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-15MHz-16QAM-19125-1RB#0-Range:30~20000MHz

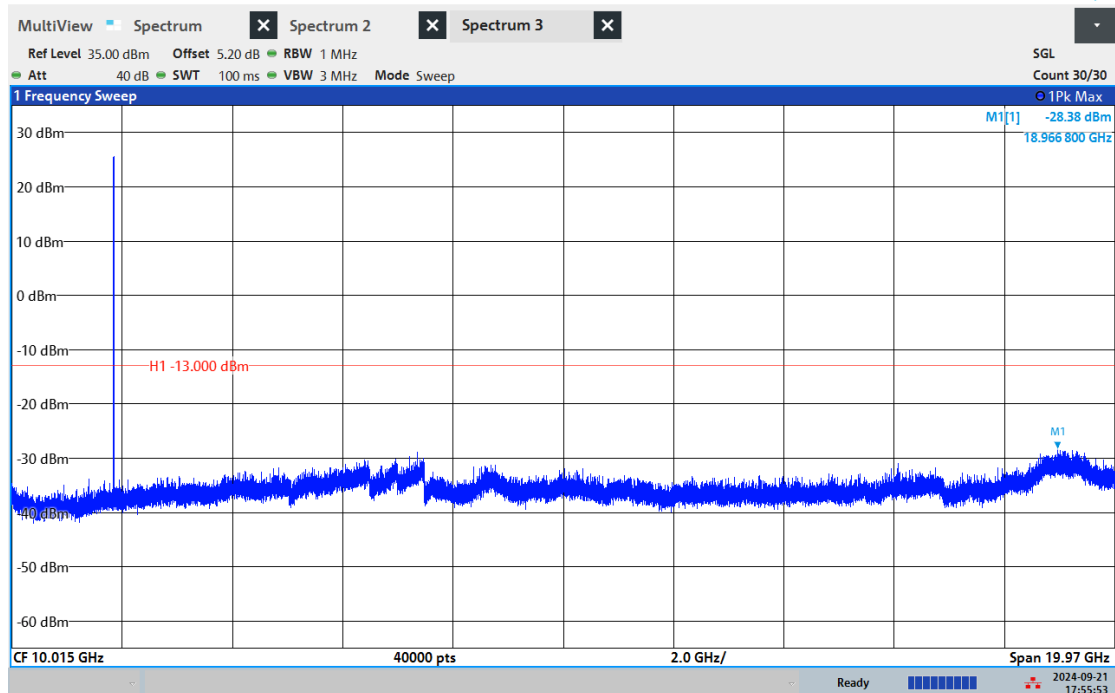


Band2-20MHz-QPSK-18700-1RB#0-Range:30~20000MHz

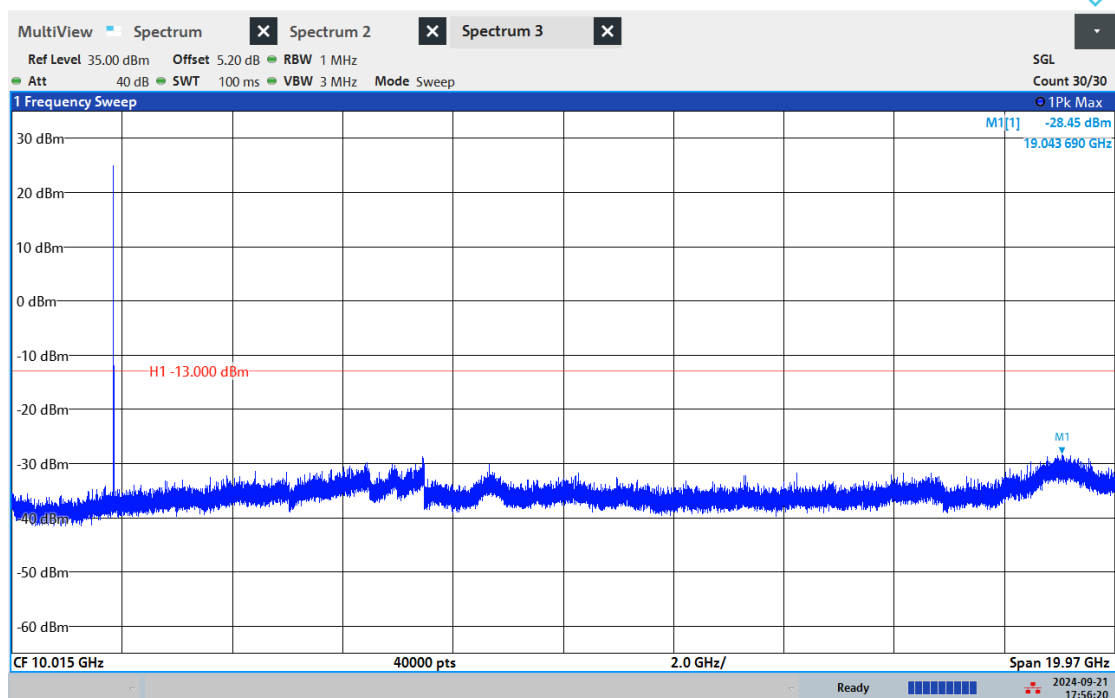


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-20MHz-QPSK-18900-1RB#0-Range:30~20000MHz

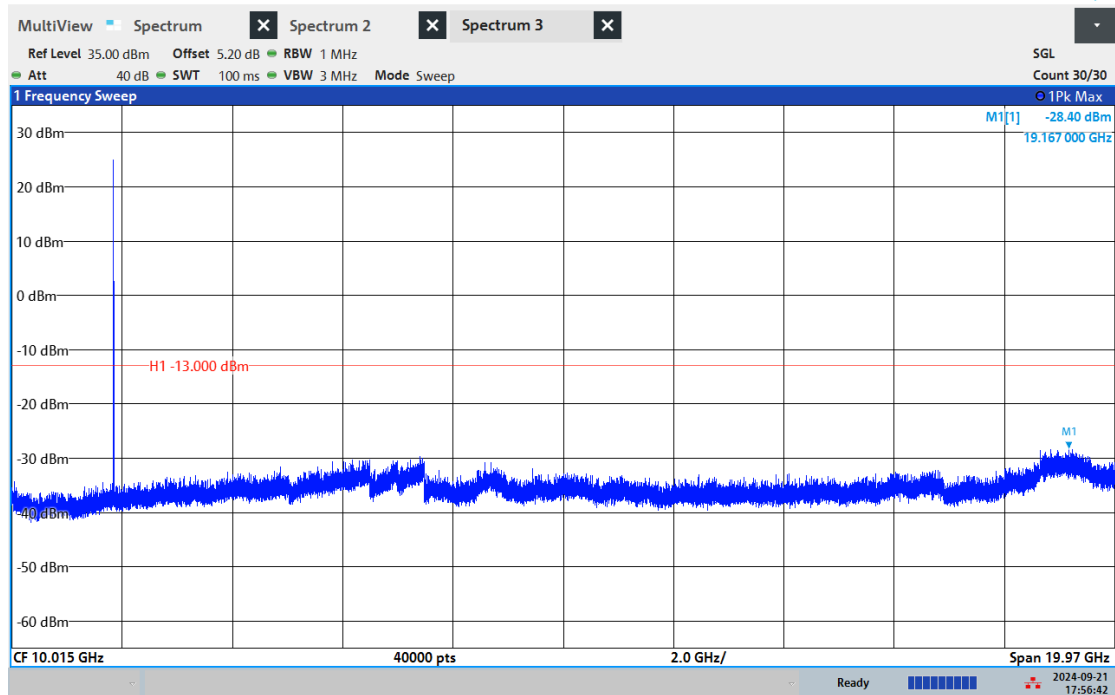


Band2-20MHz-QPSK-19100-1RB#0-Range:30~20000MHz

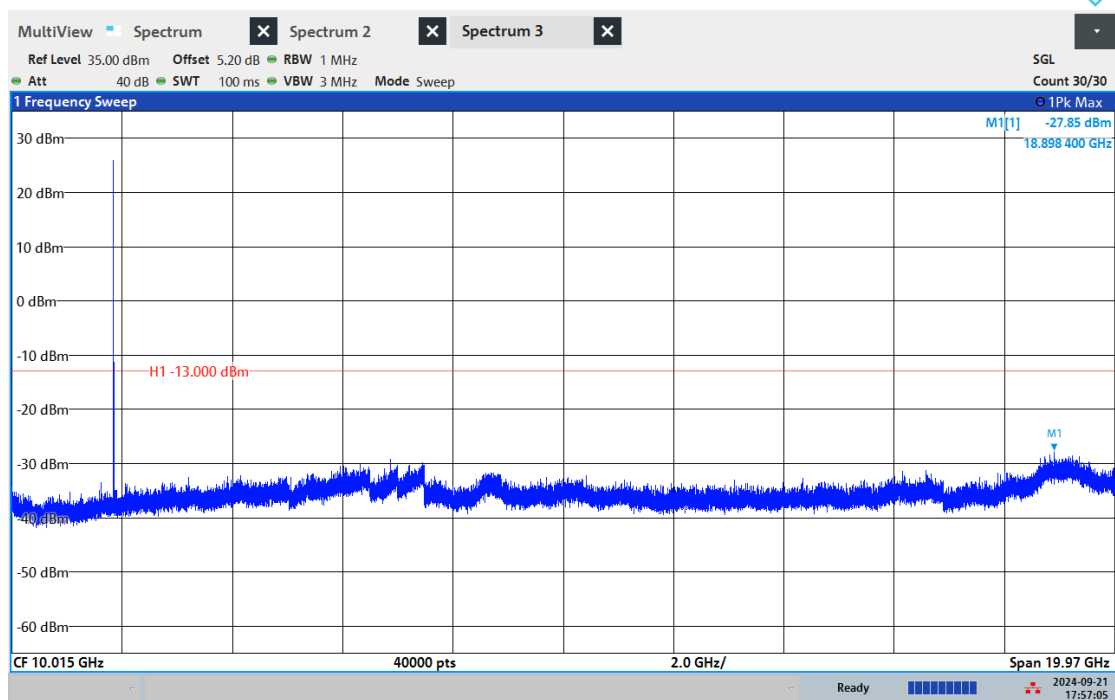


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-20MHz-16QAM-18700-1RB#0-Range:30~20000MHz

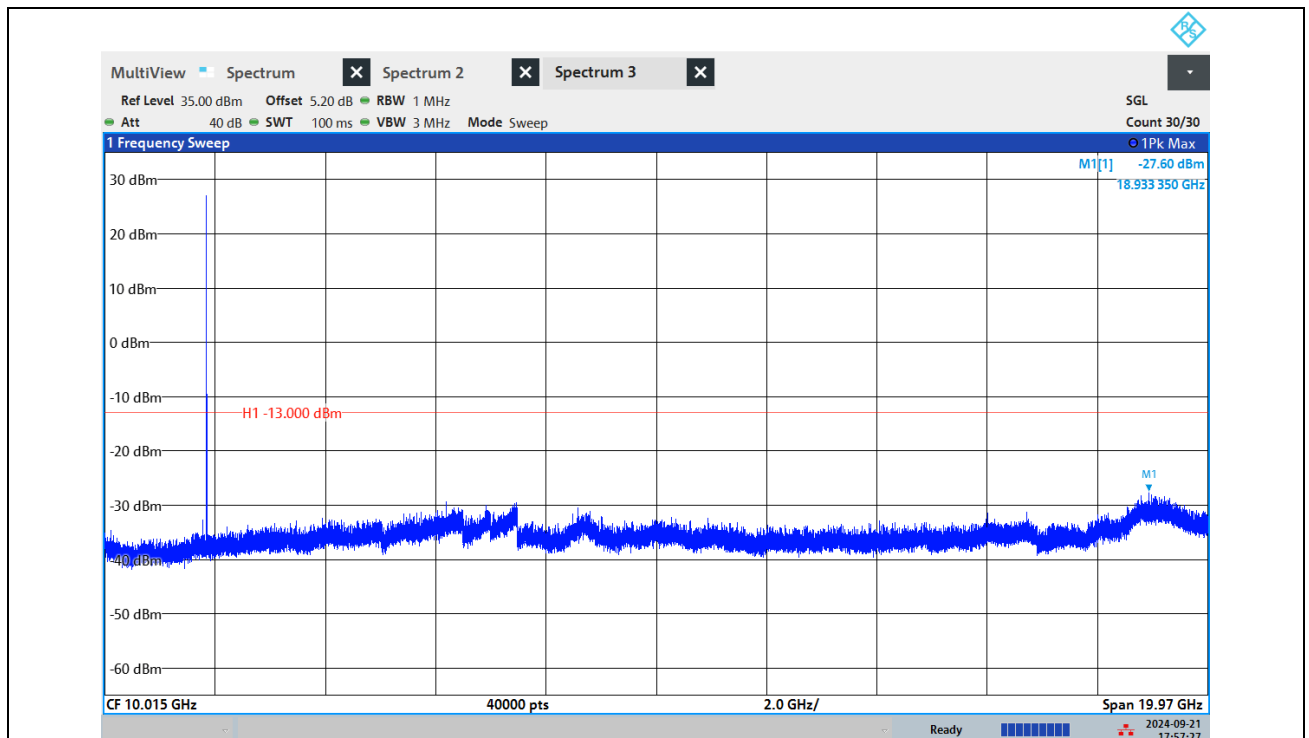


Band2-20MHz-16QAM-18900-1RB#0-Range:30~20000MHz

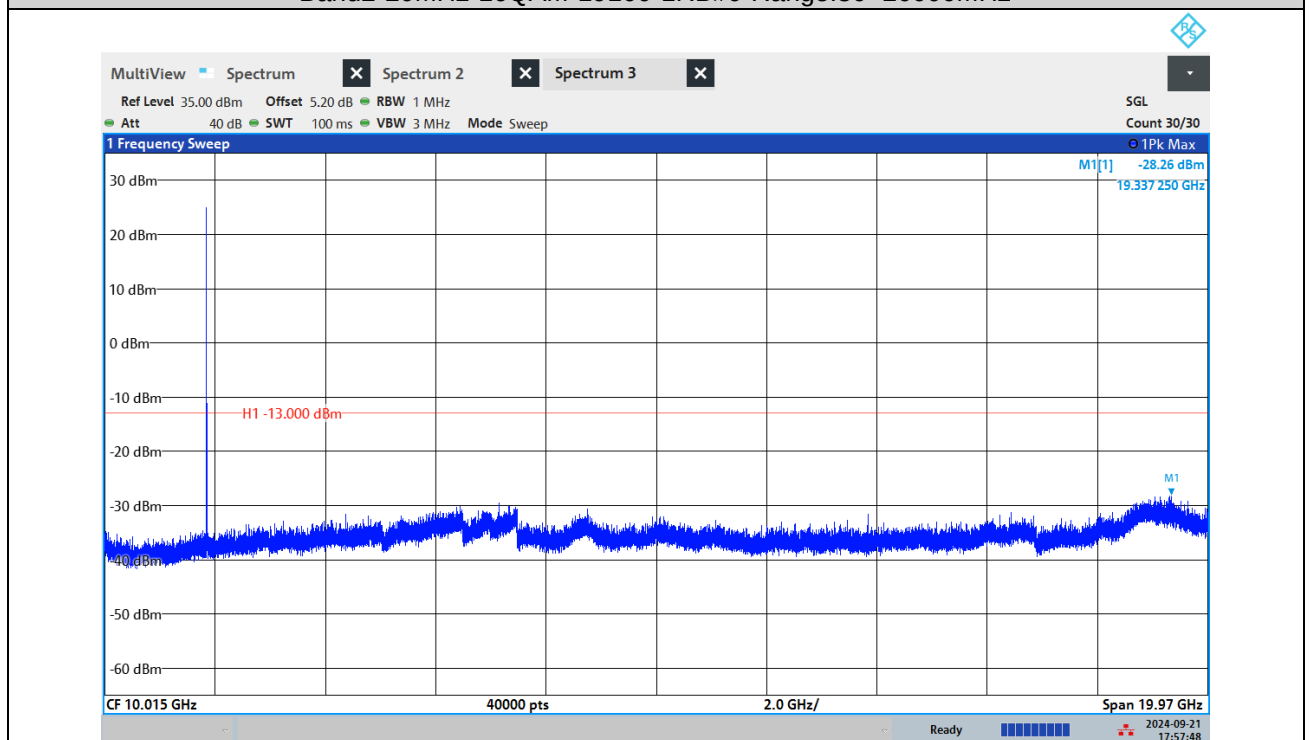


BUREAU
VERITAS

Test Report No.: PSU-QBJ2408220111RF02



Band2-20MHz-16QAM-19100-1RB#0-Range:30~20000MHz



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



Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	6RB#0	VL	NT	-17.55	-0.0008	±2.5	PASS
Band2	20MHz	QPSK	18700	6RB#0	VN	NT	18.30	0.0009	±2.5	PASS
Band2	20MHz	QPSK	18700	6RB#0	VH	NT	-17.85	-0.0009	±2.5	PASS
Band2	20MHz	QPSK	18900	6RB#0	VL	NT	-18.88	-0.0009	±2.5	PASS
Band2	20MHz	QPSK	18900	6RB#0	VN	NT	-15.22	-0.0007	±2.5	PASS
Band2	20MHz	QPSK	18900	6RB#0	VH	NT	7.65	0.0004	±2.5	PASS
Band2	20MHz	QPSK	19100	6RB#0	VL	NT	-12.70	-0.0006	±2.5	PASS
Band2	20MHz	QPSK	19100	6RB#0	VN	NT	7.02	0.0003	±2.5	PASS
Band2	20MHz	QPSK	19100	6RB#0	VH	NT	6.26	0.0003	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	6RB#0	NV	-30	18.20	0.0073	±2.5	PASS
Band2	20MHz	QPSK	18700	6RB#0	NV	-20	14.00	0.0056	±2.5	PASS
Band2	20MHz	QPSK	18700	6RB#0	NV	-10	-21.70	-0.0086	±2.5	PASS
Band2	20MHz	QPSK	18700	6RB#0	NV	0	-11.20	-0.0045	±2.5	PASS
Band2	20MHz	QPSK	18700	6RB#0	NV	10	-27.60	-0.0110	±2.5	PASS
Band2	20MHz	QPSK	18700	6RB#0	NV	20	10.90	0.0043	±2.5	PASS
Band2	20MHz	QPSK	18700	6RB#0	NV	30	9.60	0.0038	±2.5	PASS
Band2	20MHz	QPSK	18700	6RB#0	NV	40	-9.70	-0.0039	±2.5	PASS
Band2	20MHz	QPSK	18700	6RB#0	NV	50	-8.10	-0.0032	±2.5	PASS
Band2	20MHz	QPSK	18900	6RB#0	NV	-30	-16.74	-0.0066	±2.5	PASS
Band2	20MHz	QPSK	18900	6RB#0	NV	-20	12.24	0.0048	±2.5	PASS
Band2	20MHz	QPSK	18900	6RB#0	NV	-10	-16.61	-0.0066	±2.5	PASS
Band2	20MHz	QPSK	18900	6RB#0	NV	0	17.95	0.0071	±2.5	PASS
Band2	20MHz	QPSK	18900	6RB#0	NV	10	5.14	0.0020	±2.5	PASS
Band2	20MHz	QPSK	18900	6RB#0	NV	20	18.09	0.0071	±2.5	PASS
Band2	20MHz	QPSK	18900	6RB#0	NV	30	-22.79	-0.0090	±2.5	PASS
Band2	20MHz	QPSK	18900	6RB#0	NV	40	-18.93	-0.0075	±2.5	PASS
Band2	20MHz	QPSK	18900	6RB#0	NV	50	-18.73	-0.0074	±2.5	PASS
Band2	20MHz	QPSK	19100	6RB#0	NV	-30	-2.80	-0.0011	±2.5	PASS
Band2	20MHz	QPSK	19100	6RB#0	NV	-20	-23.40	-0.0091	±2.5	PASS
Band2	20MHz	QPSK	19100	6RB#0	NV	-10	5.20	0.0020	±2.5	PASS
Band2	20MHz	QPSK	19100	6RB#0	NV	0	26.00	0.0102	±2.5	PASS
Band2	20MHz	QPSK	19100	6RB#0	NV	10	-4.10	-0.0016	±2.5	PASS
Band2	20MHz	QPSK	19100	6RB#0	NV	20	-7.30	-0.0029	±2.5	PASS
Band2	20MHz	QPSK	19100	6RB#0	NV	30	1.00	0.0004	±2.5	PASS
Band2	20MHz	QPSK	19100	6RB#0	NV	40	-15.60	-0.0061	±2.5	PASS
Band2	20MHz	QPSK	19100	6RB#0	NV	50	-29.20	-0.0114	±2.5	PASS

MAX Deviation calculation



Frequency Stability	Frequency (MHz)	Limit Line(MHz)	Result
$f_L - \text{MAX}(\Delta f) $	1859.435971	≥ 1850	PASS
$f_H + \text{MAX}(\Delta f) $	1900.564529	≤ 1910	

- 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. $|\text{MAX}(\Delta f)|$ = 29.2Hz.

--END--