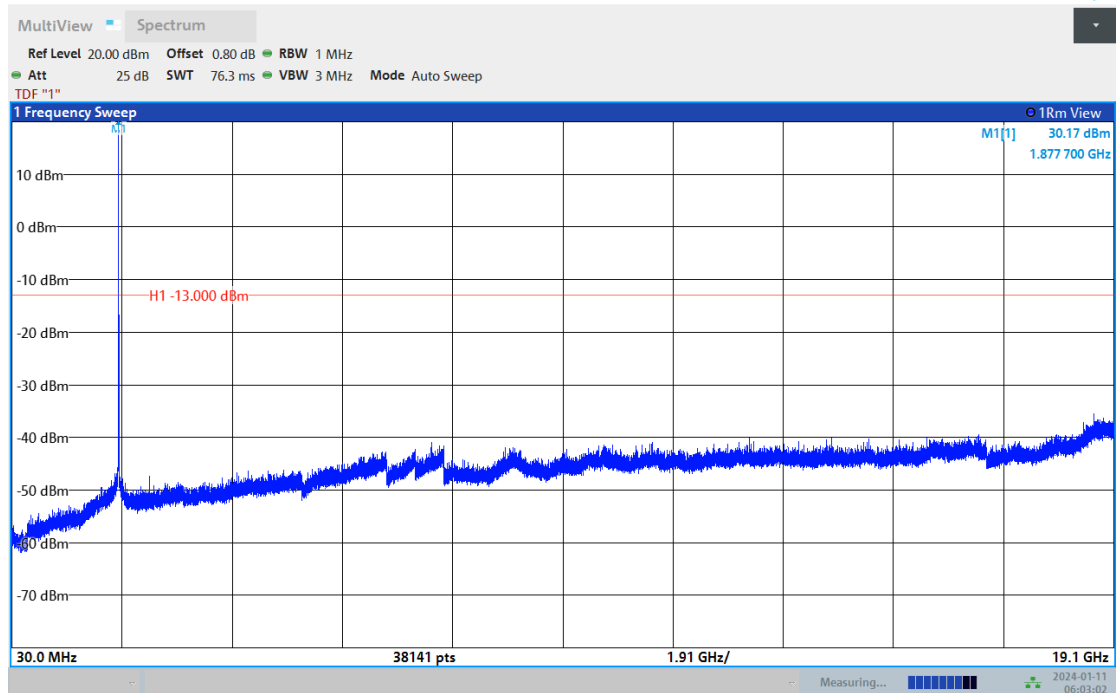


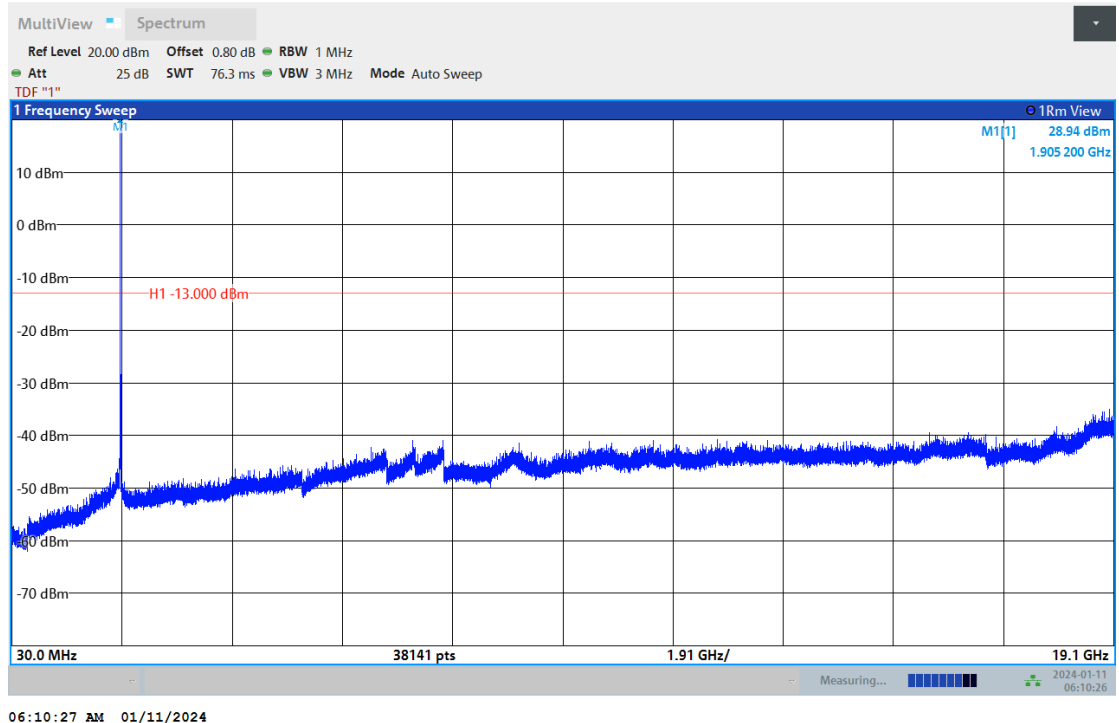


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VERITAS

Test Report No.: PSU-QSU2312140113RF02



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

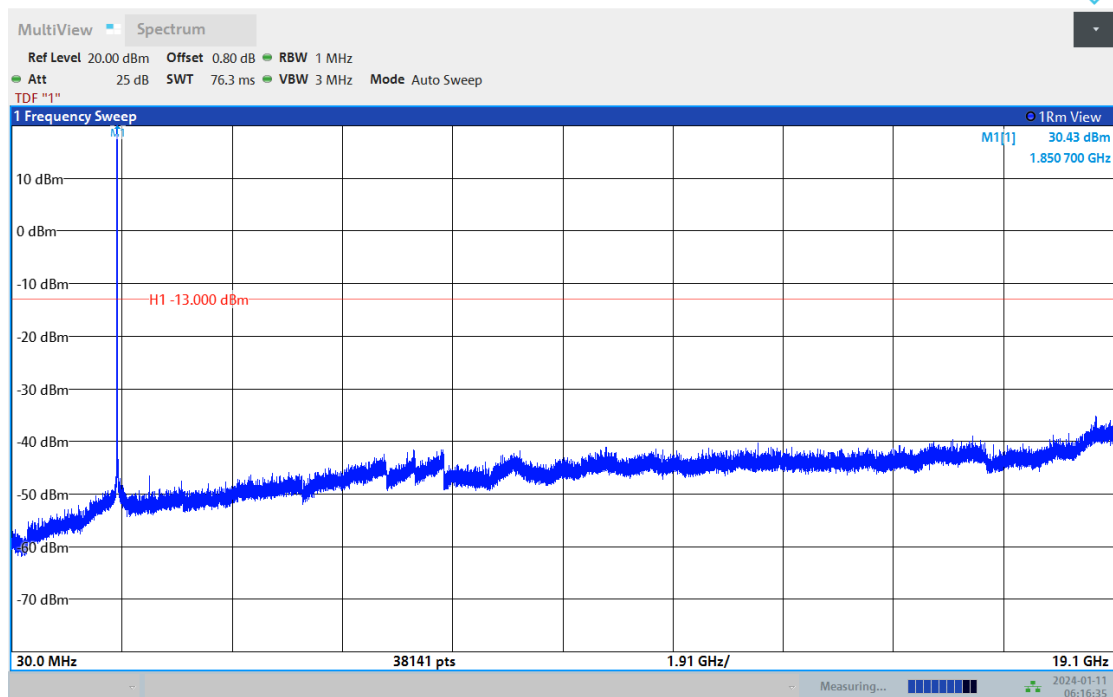


Band2-10MHz-QPSK-18650-1RB#0-30~20000MHz

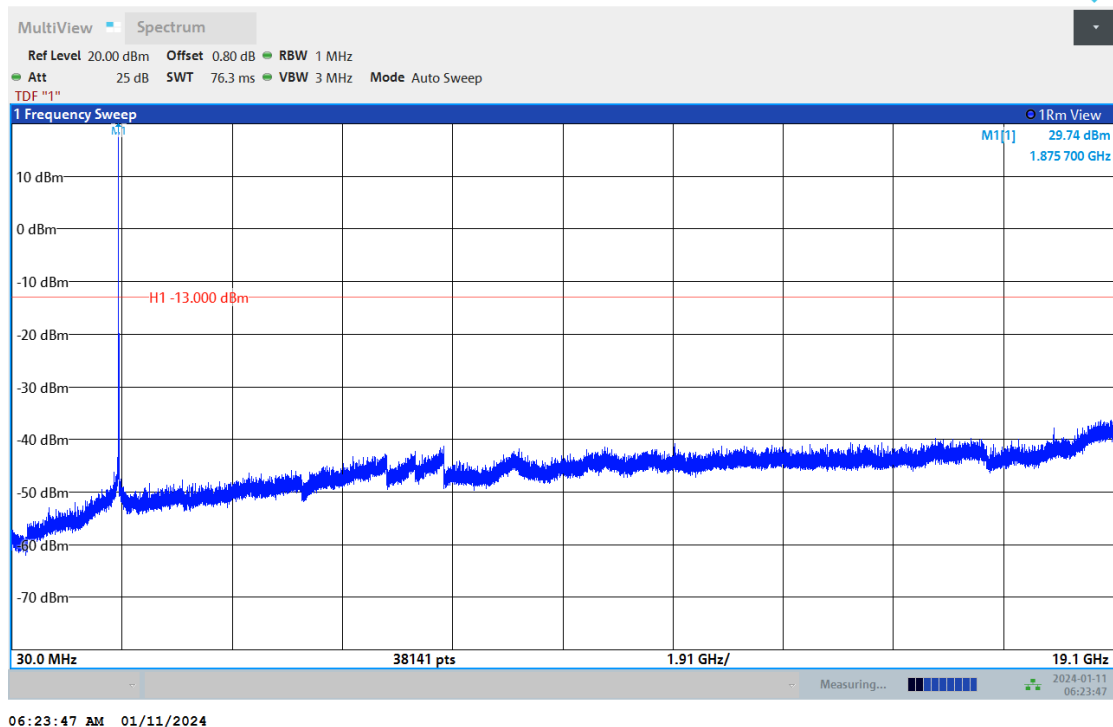


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VERITAS

Test Report No.: PSU-QSU2312140113RF02



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

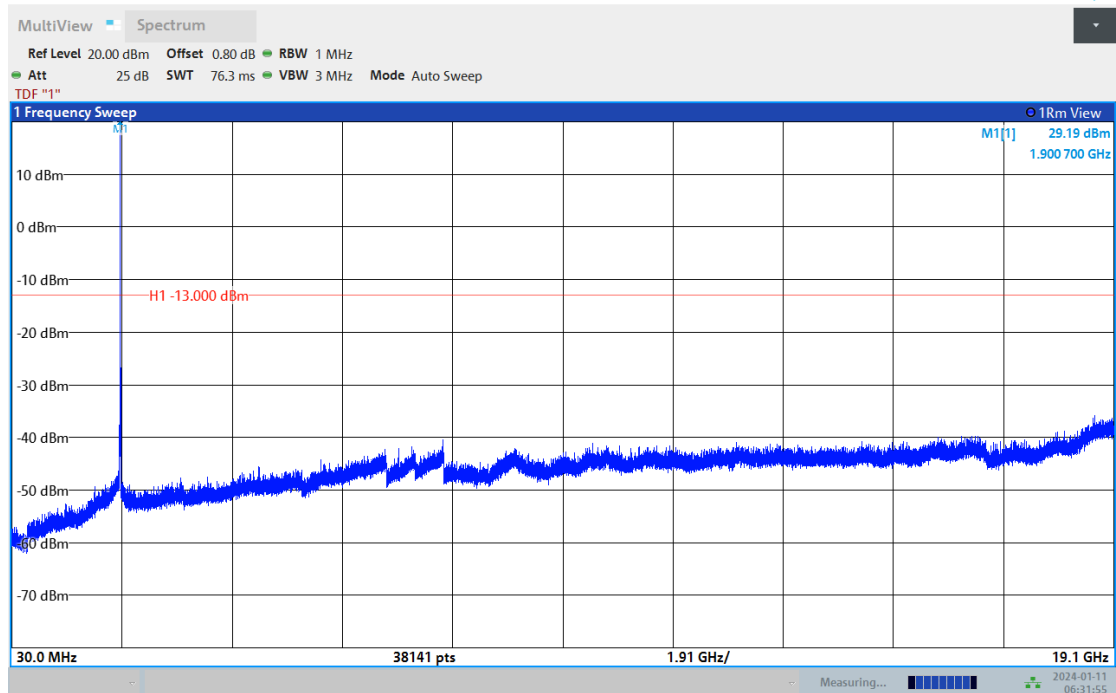


Band2-10MHz-QPSK-19150-1RB#0-30~20000MHz

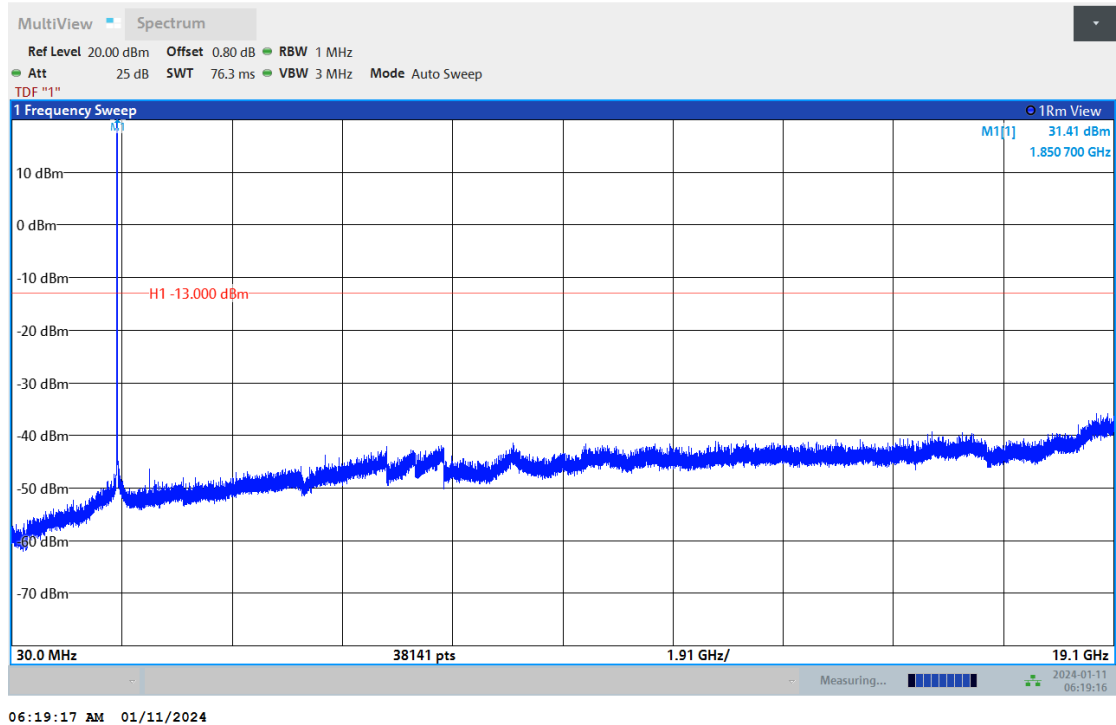


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VERITAS

Test Report No.: PSU-QSU2312140113RF02



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

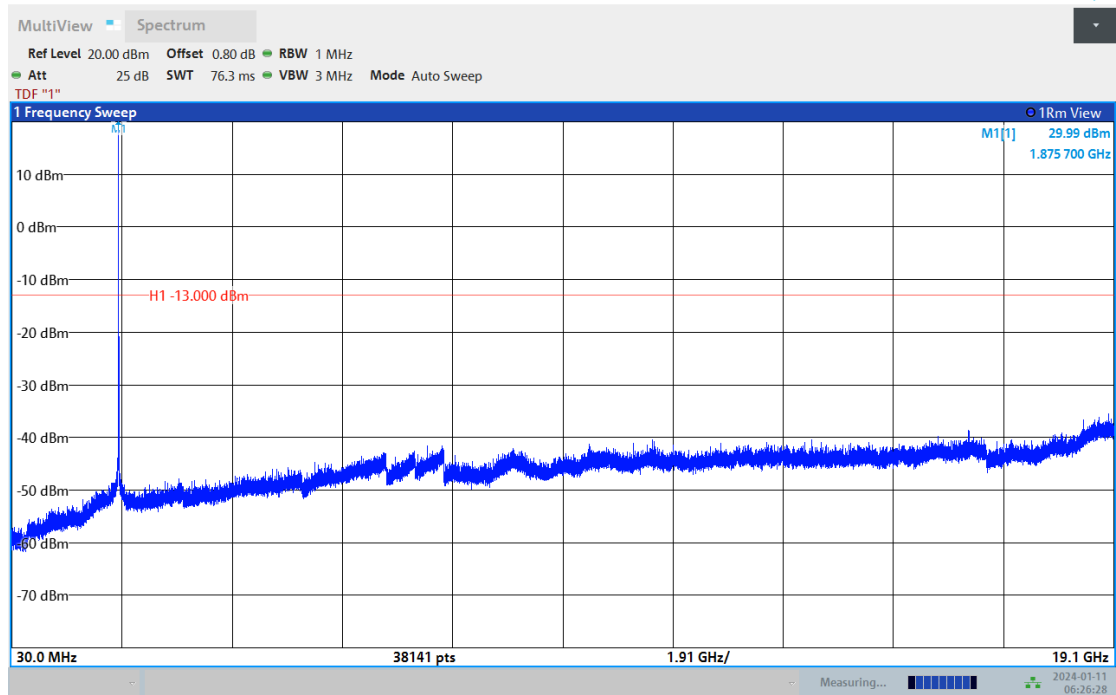


Band2-10MHz-16QAM-18900-1RB#0-30~20000MHz

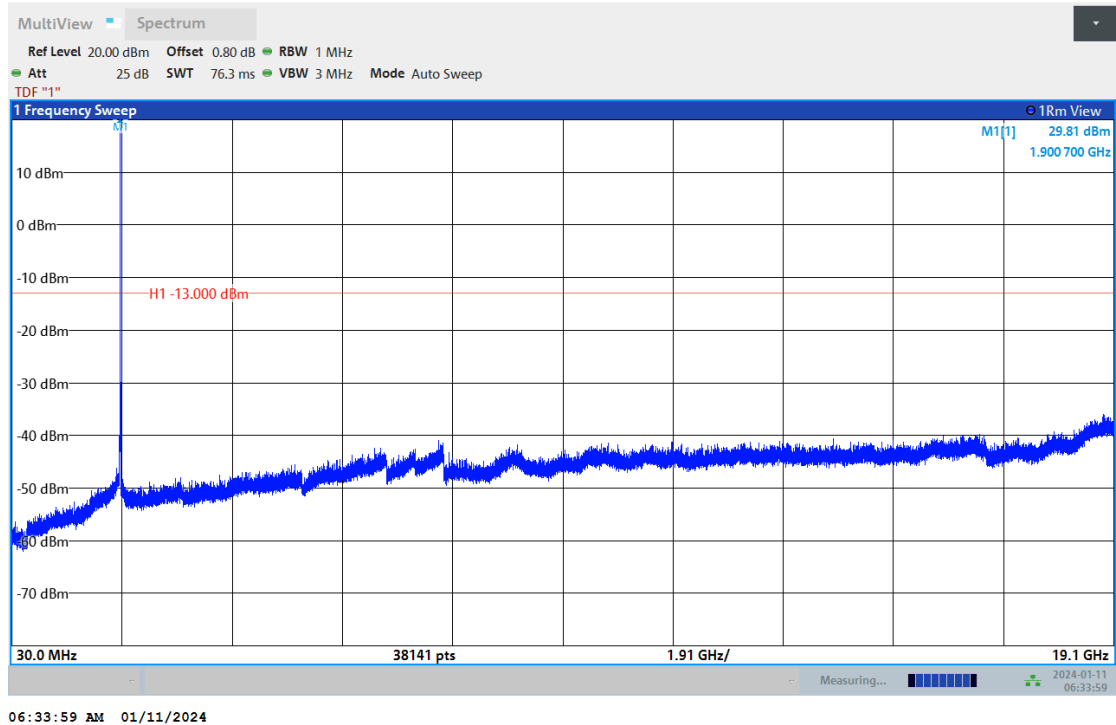


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VERITAS

Test Report No.: PSU-QSU2312140113RF02



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

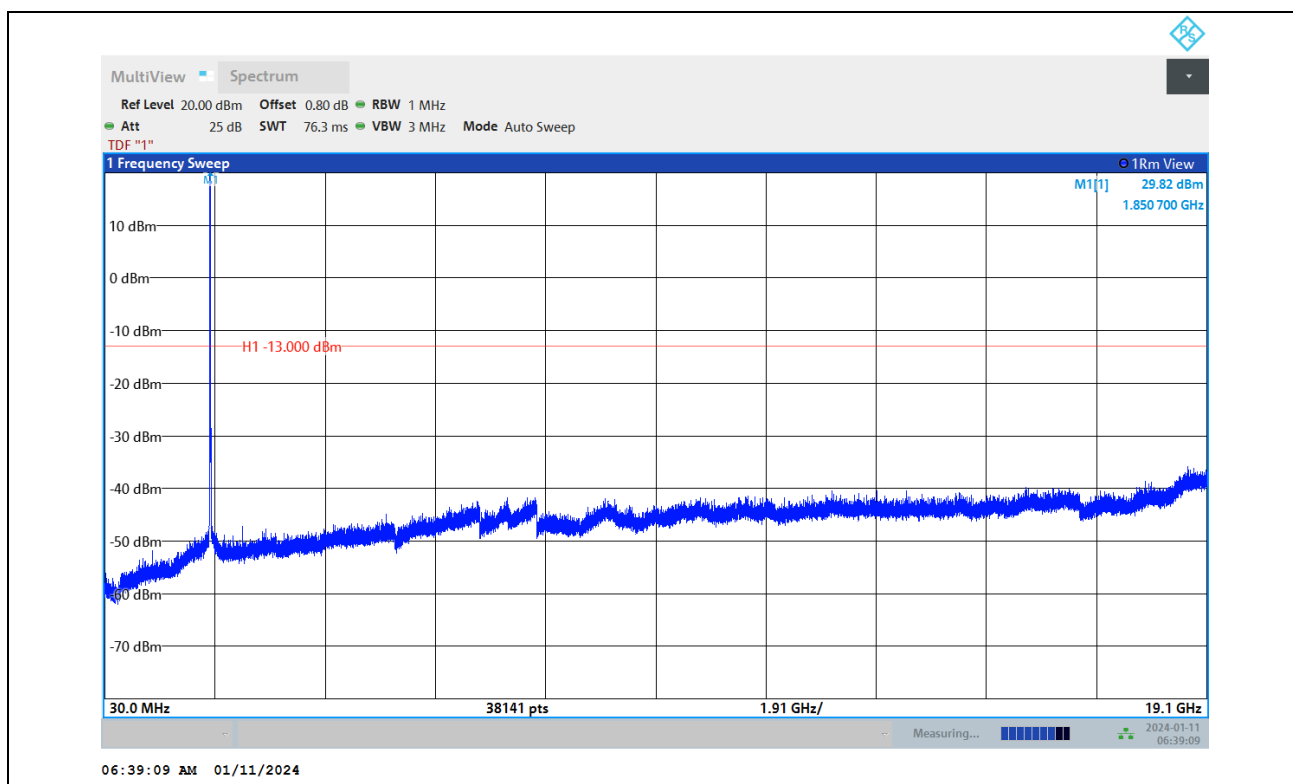


Band2-15MHz-QPSK-18675-1RB#0-30~20000MHz

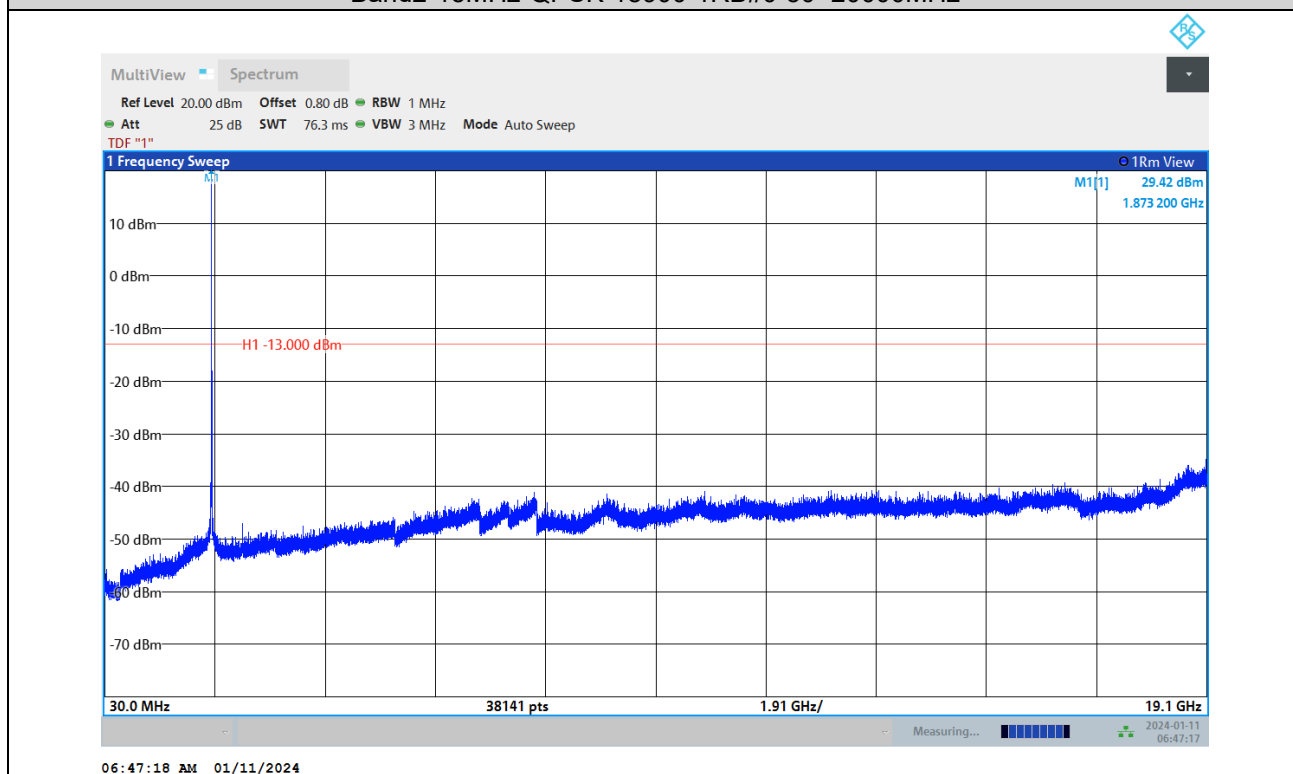


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VERITAS

Test Report No.: PSU-QSU2312140113RF02



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

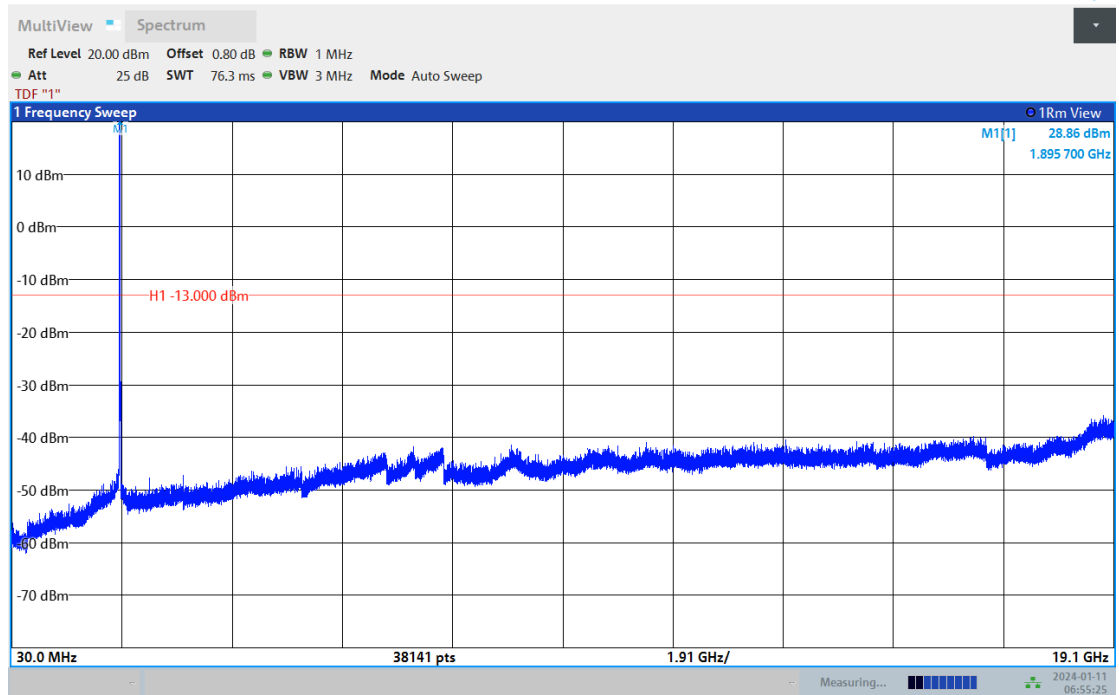


Band2-15MHz-QPSK-19125-1RB#0-30~20000MHz

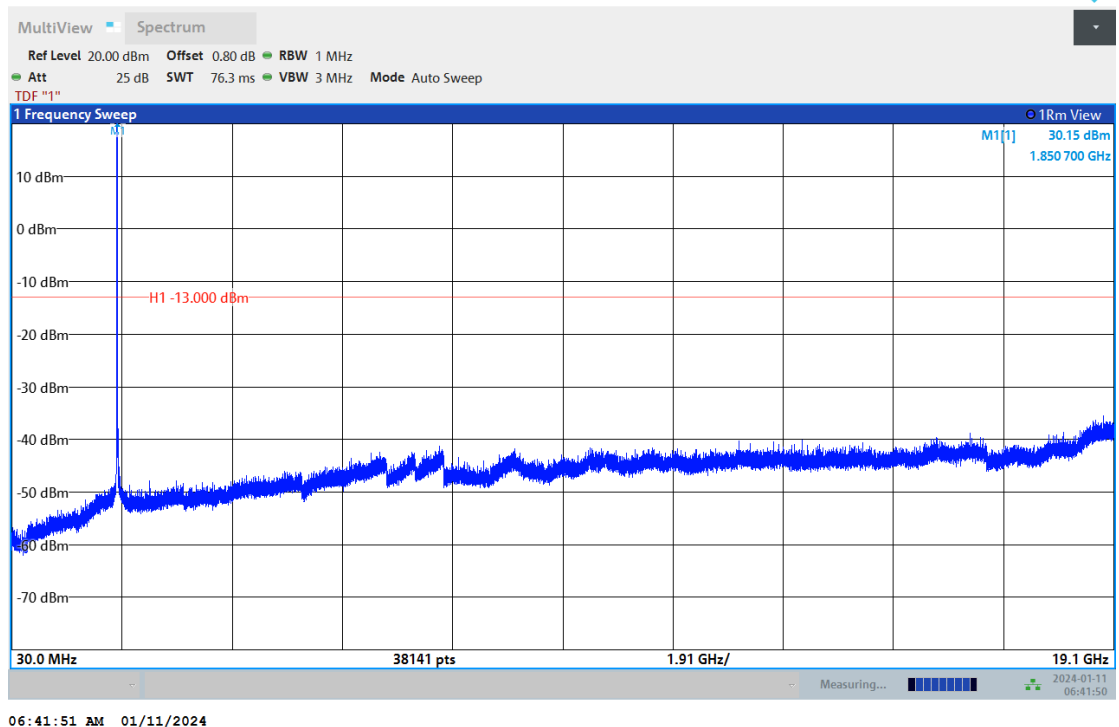


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VERITAS

Test Report No.: PSU-QSU2312140113RF02



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

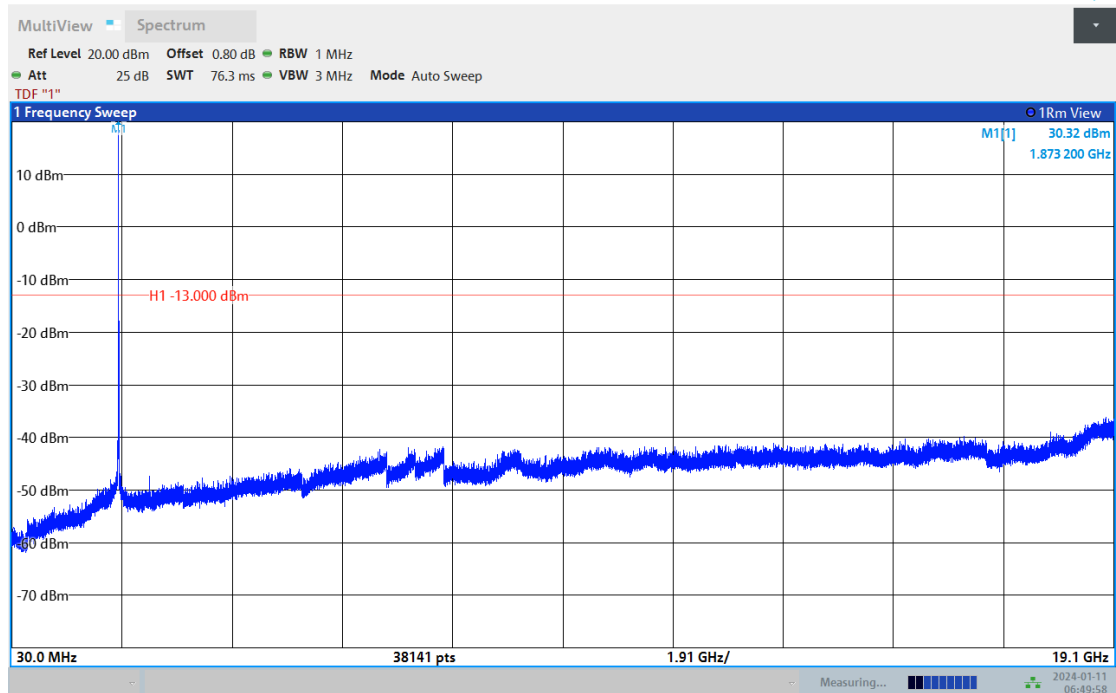


Band2-15MHz-16QAM-18900-1RB#0-30~20000MHz

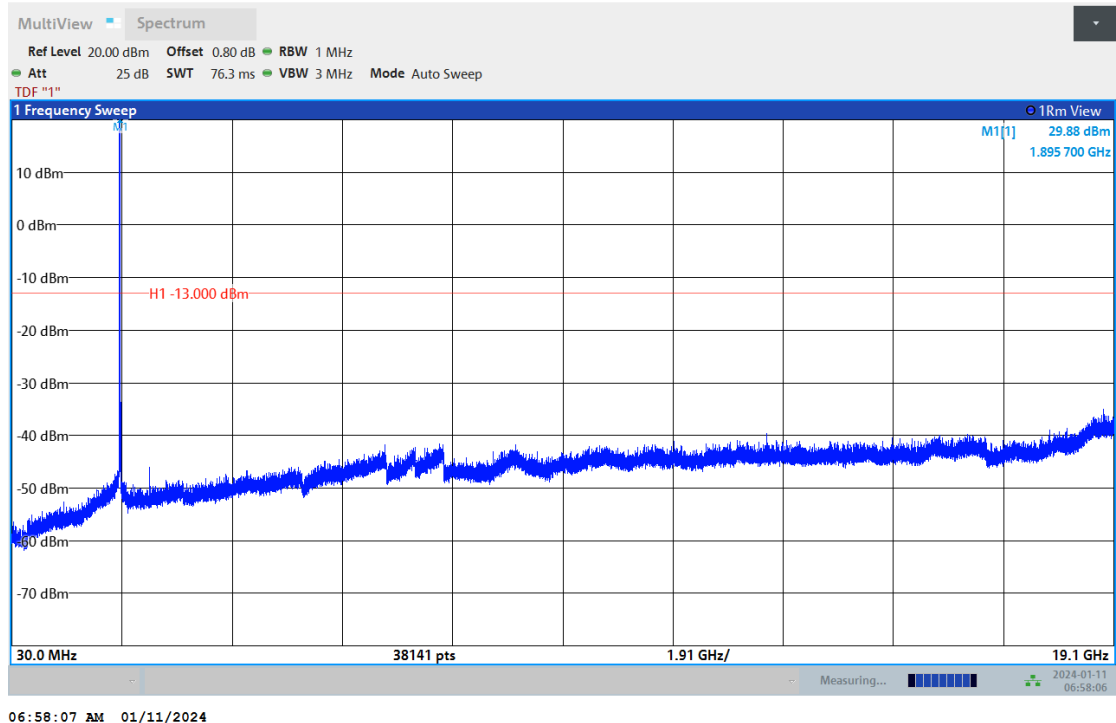


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VERITAS

Test Report No.: PSU-QSU2312140113RF02



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

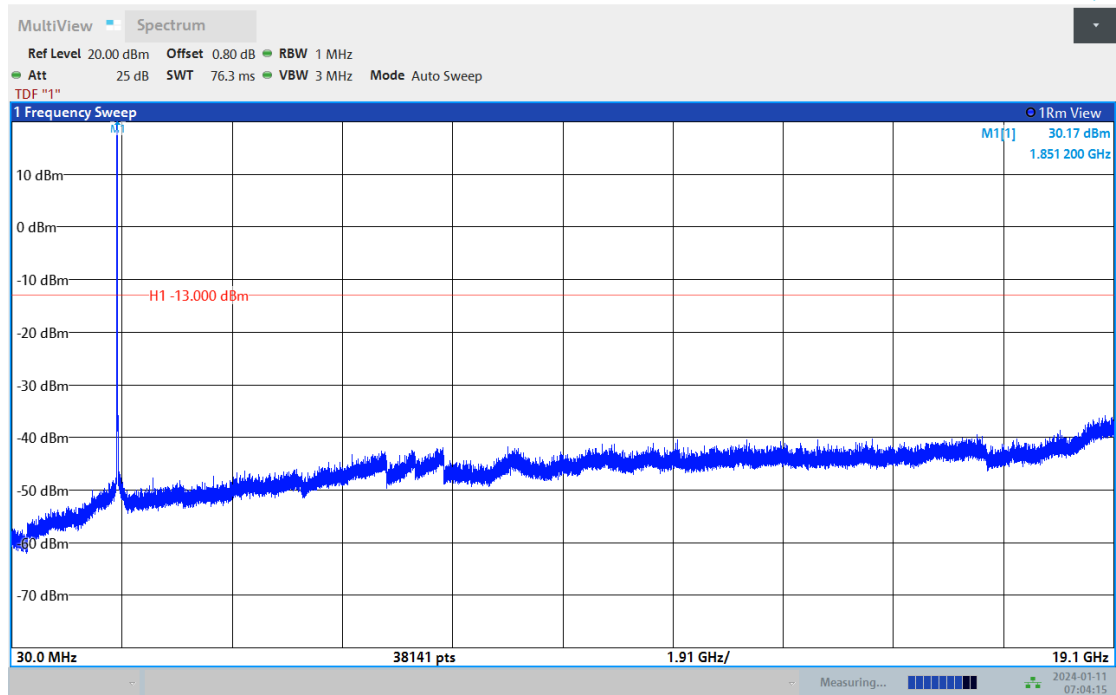


Band2-20MHz-QPSK-18700-1RB#0-30~20000MHz

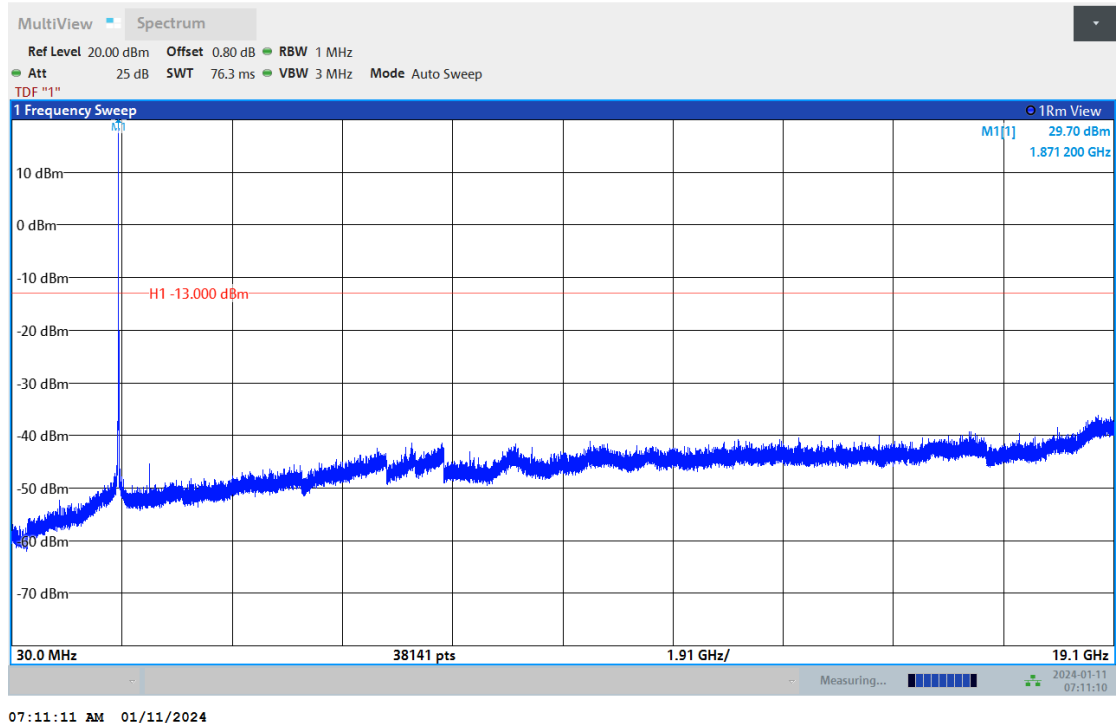


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VERITAS

Test Report No.: PSU-QSU2312140113RF02



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

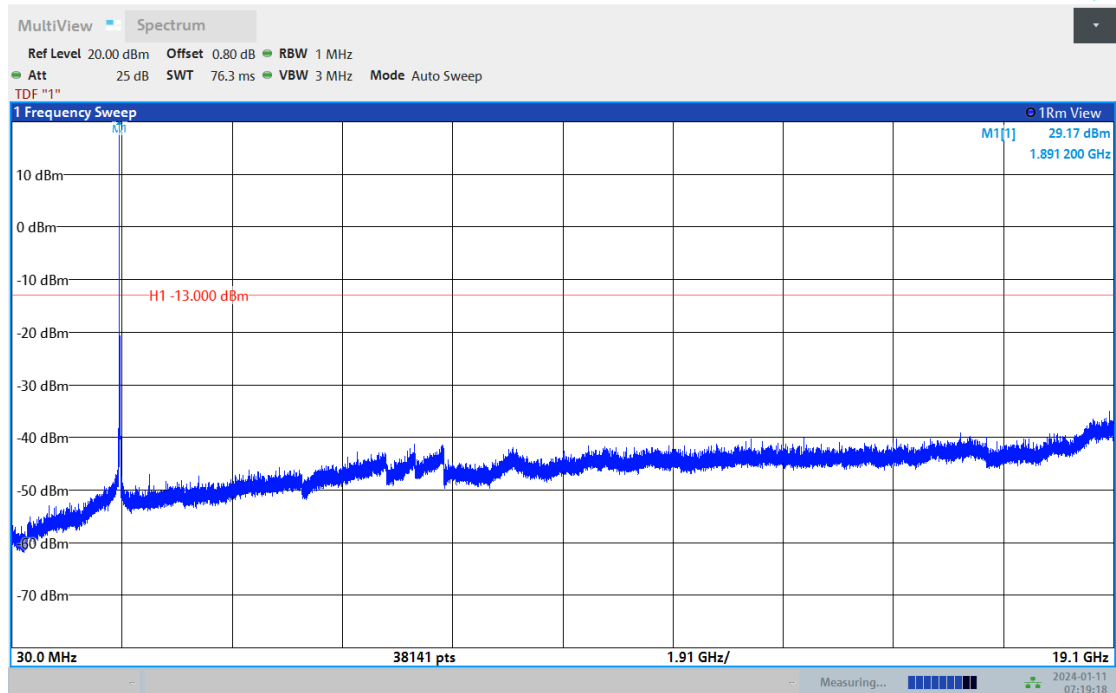


Band2-20MHz-QPSK-19100-1RB#0-30~20000MHz

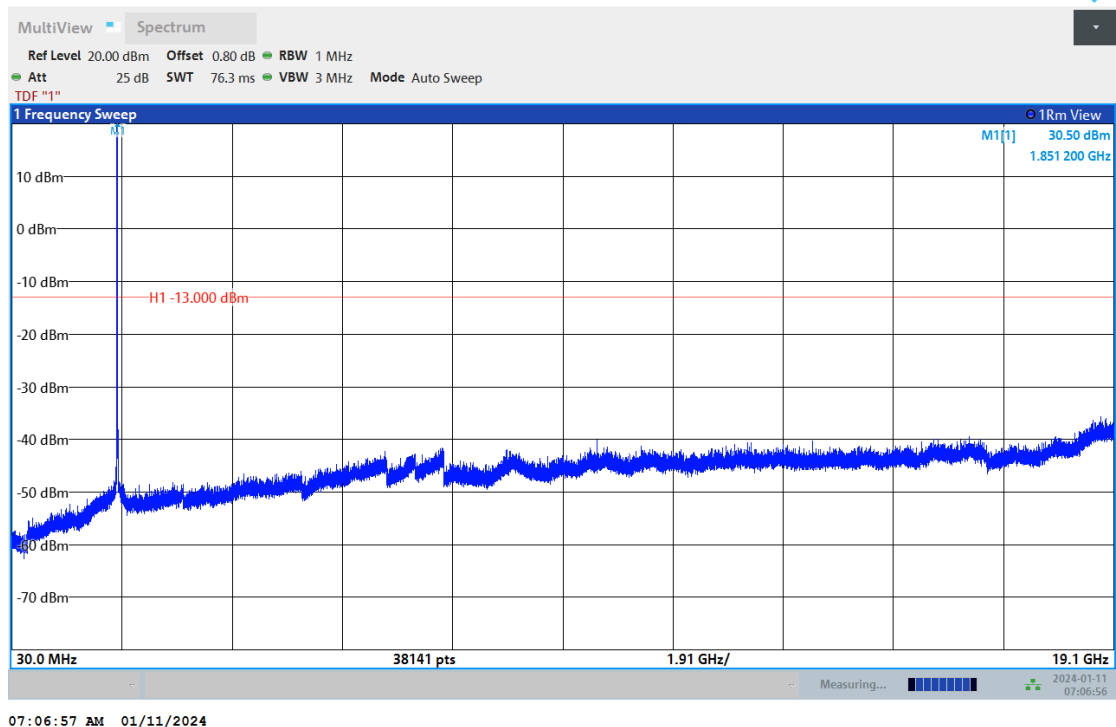


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Test Report No.: PSU-QSU2312140113RF02



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

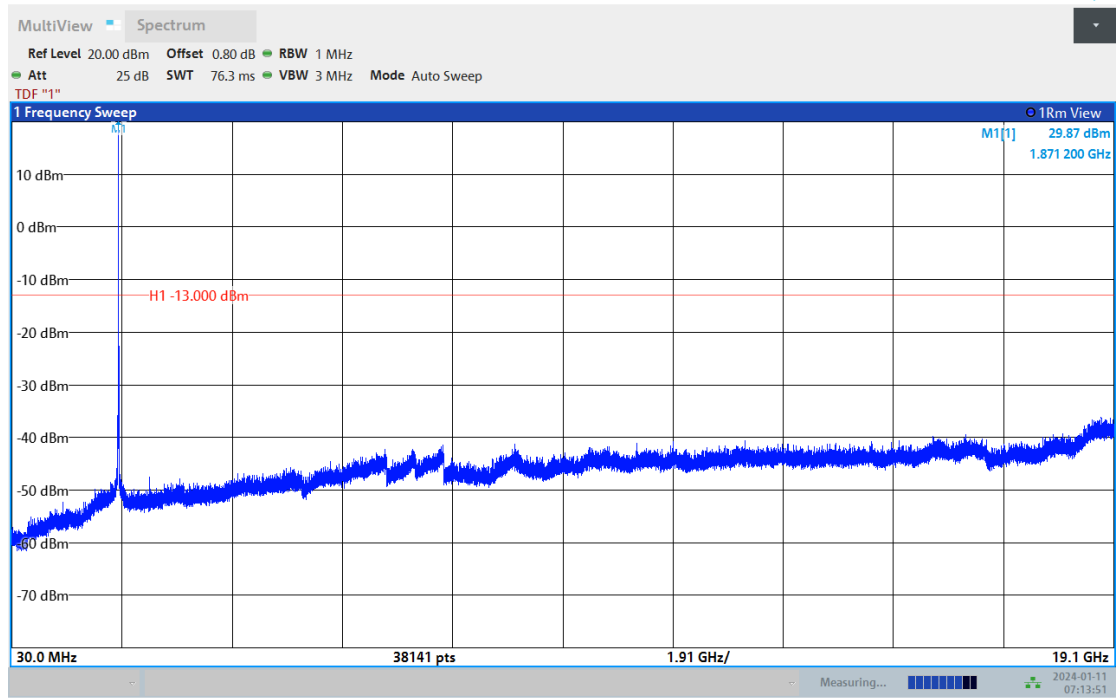


Band2-20MHz-16QAM-18900-1RB#0-30~20000MHz

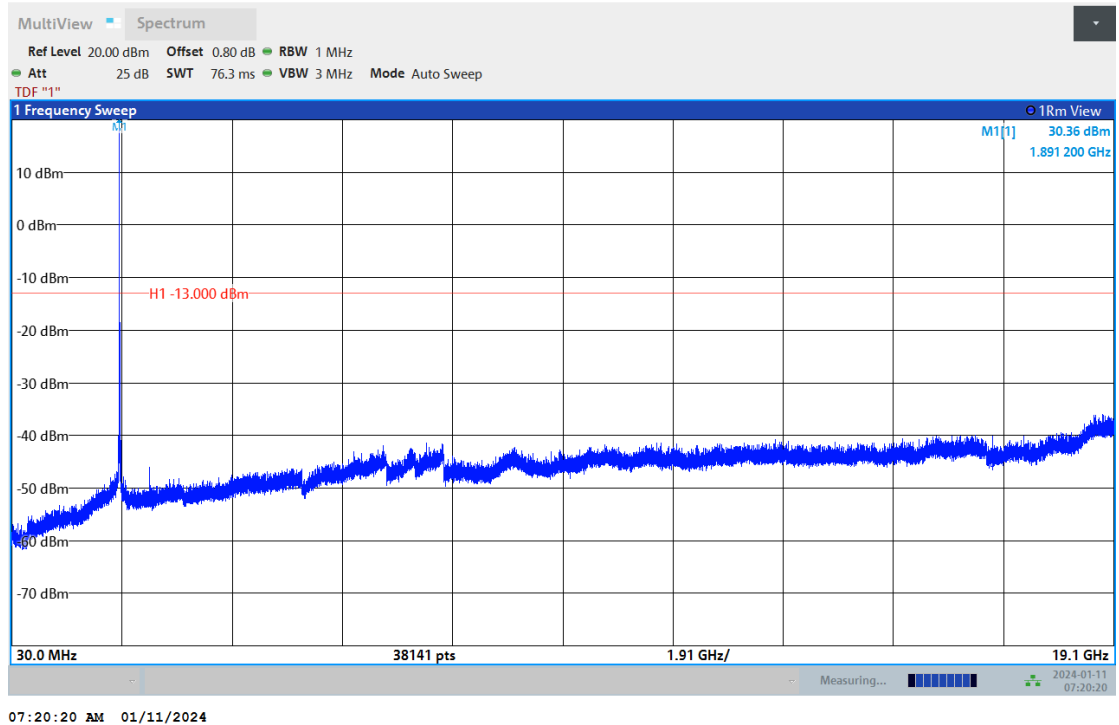


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VERITAS

Test Report No.: PSU-QSU2312140113RF02



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

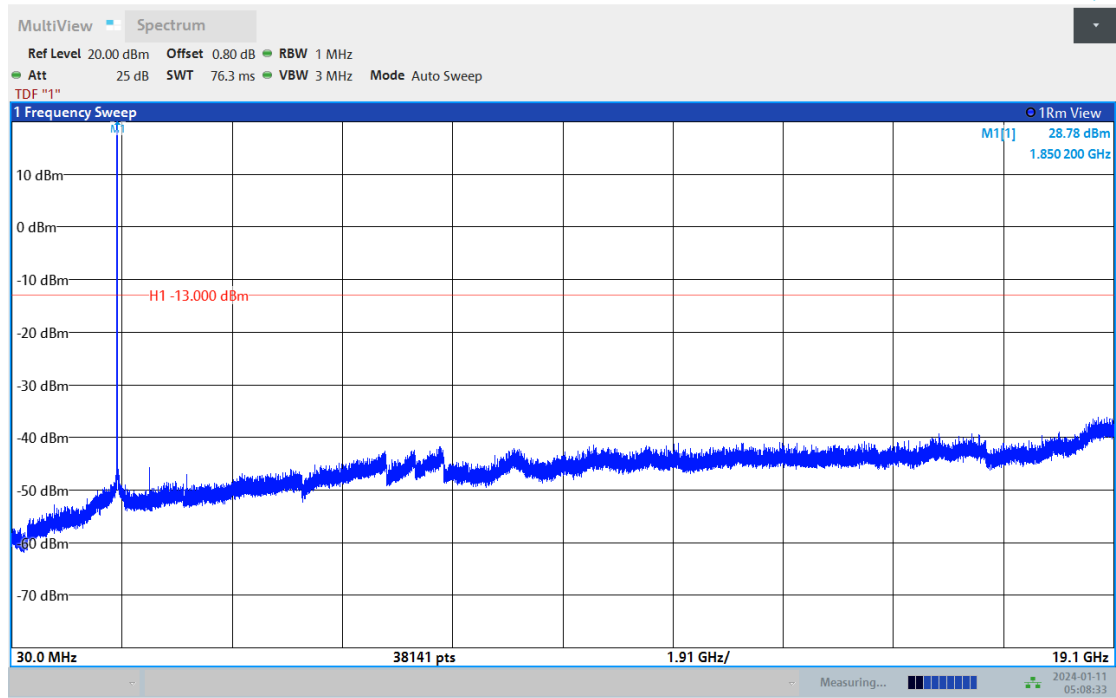


Band2-1.4MHz-64QAM-18607-1RB#0-30~20000MHz

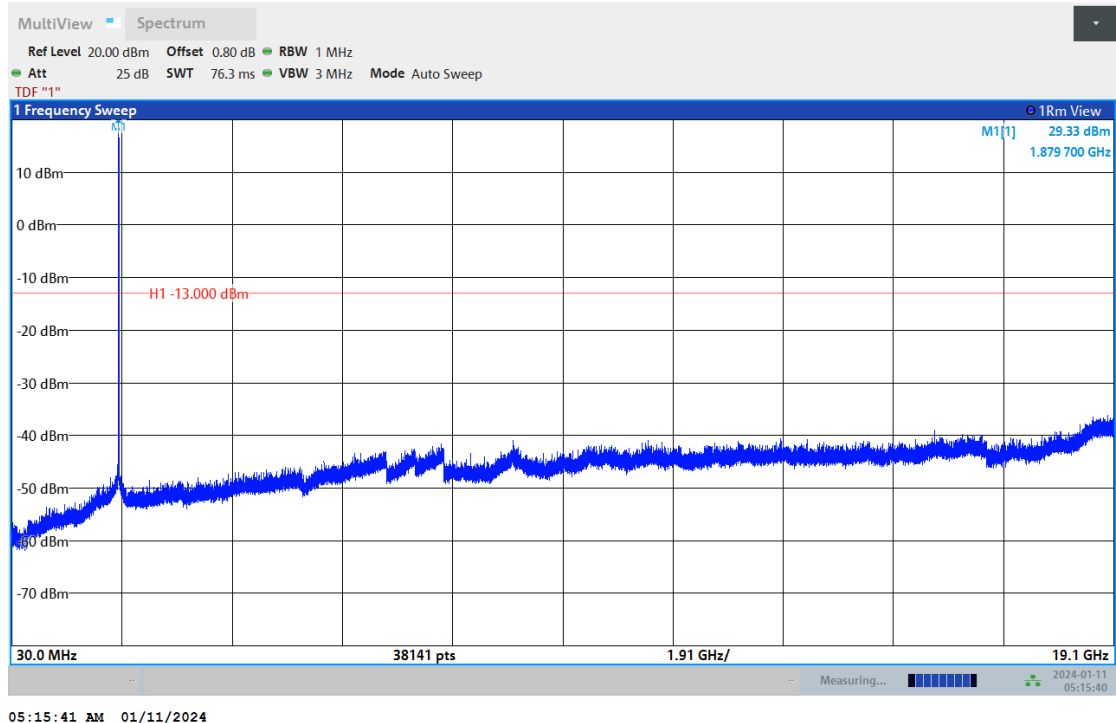


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Test Report No.: PSU-QSU2312140113RF02



Band2-1.4MHz-64QAM-18900-1RB#0-30~20000MHz

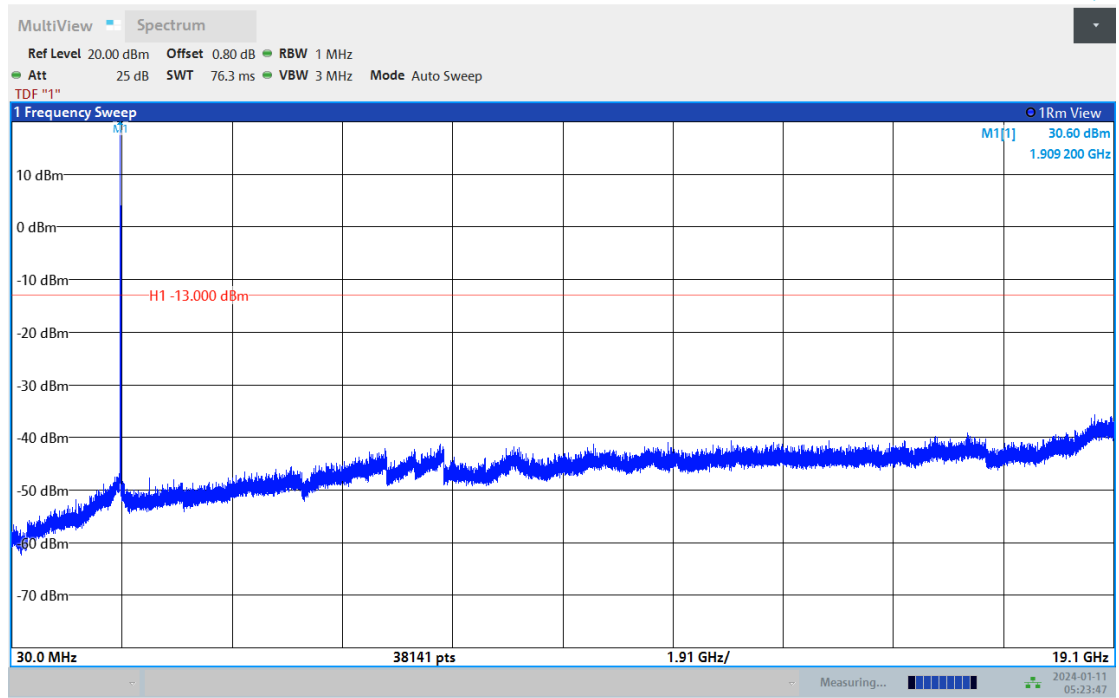


Band2-1.4MHz-64QAM-19193-1RB#0-30~20000MHz

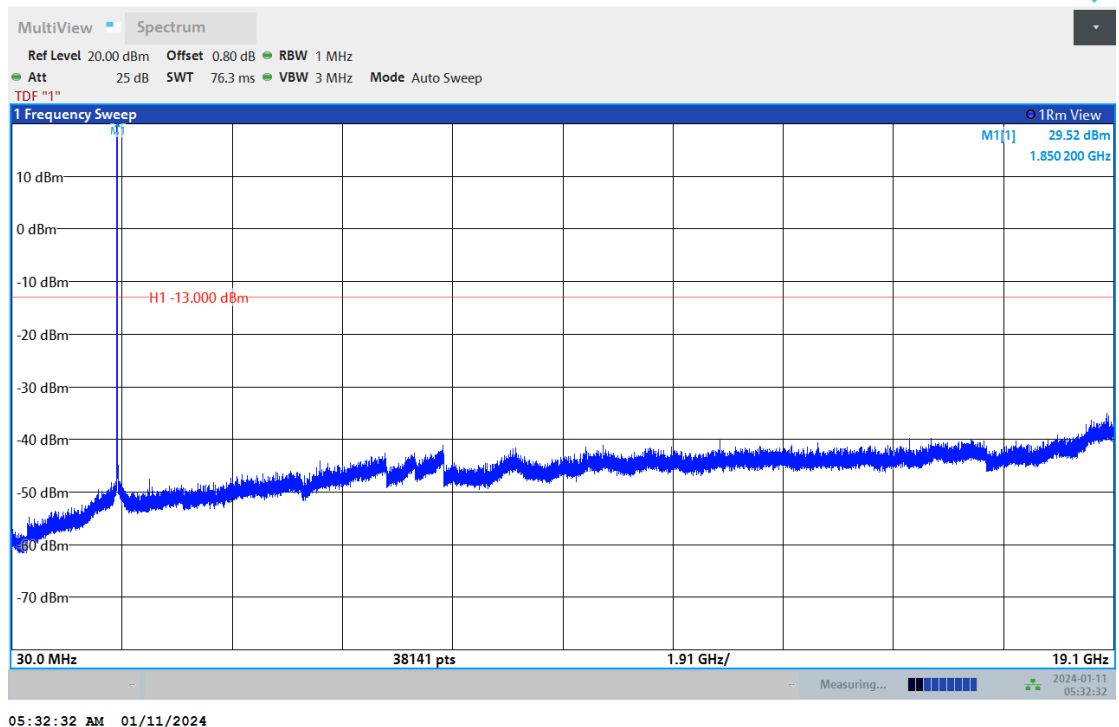


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Test Report No.: PSU-QSU2312140113RF02



Band2-3MHz-64QAM-18615-1RB#0-30~20000MHz

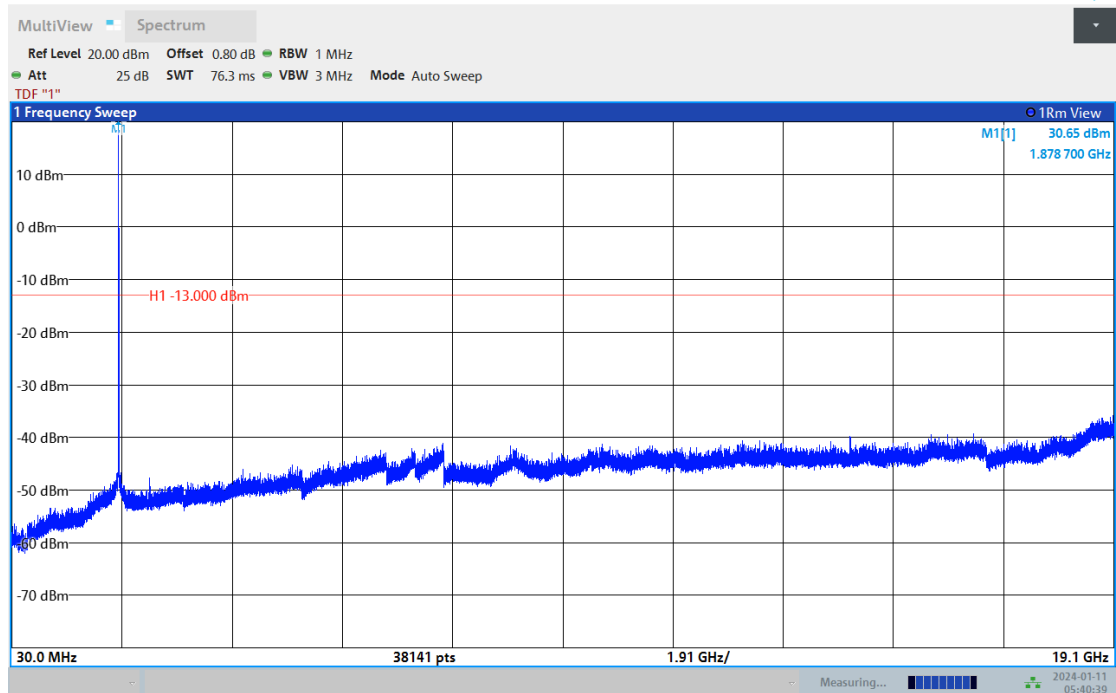


Band2-3MHz-64QAM-18900-1RB#0-30~20000MHz

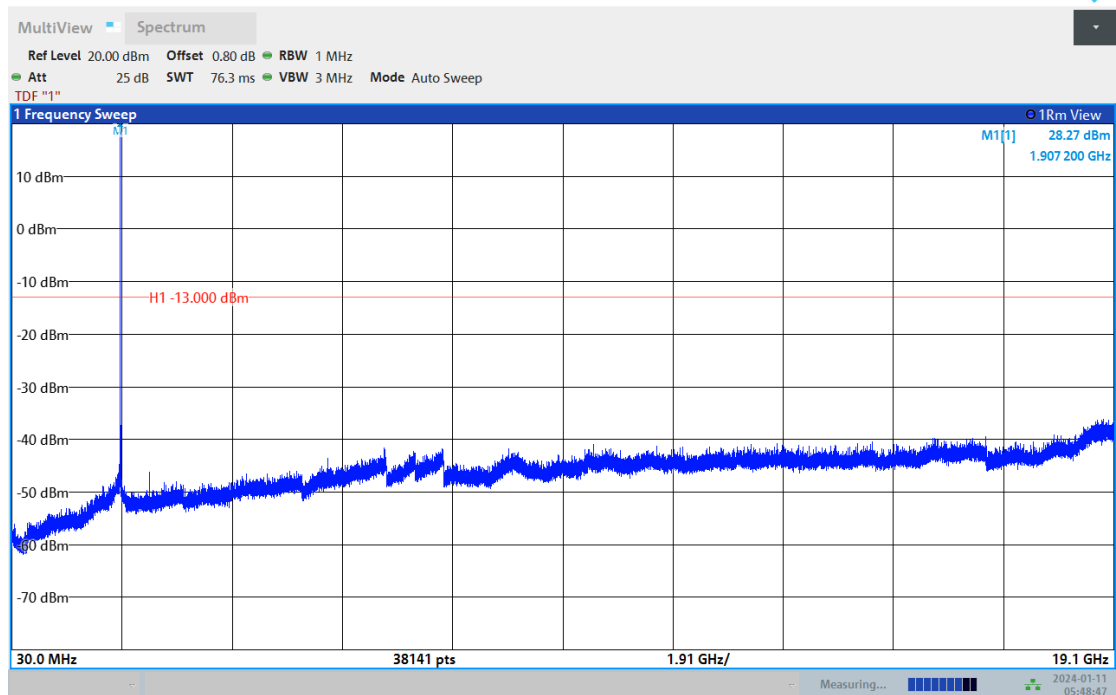


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VERITAS

Test Report No.: PSU-QSU2312140113RF02



Band2-3MHz-64QAM-19185-1RB#0-30~20000MHz

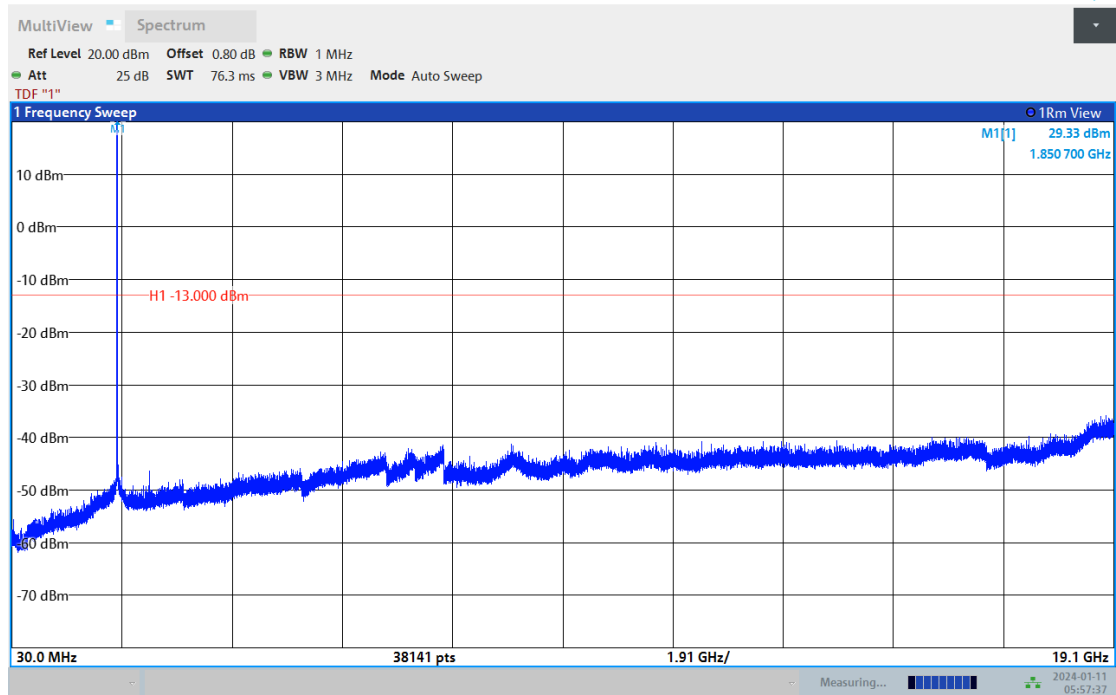


Band2-5MHz-64QAM-18625-1RB#0-30~20000MHz

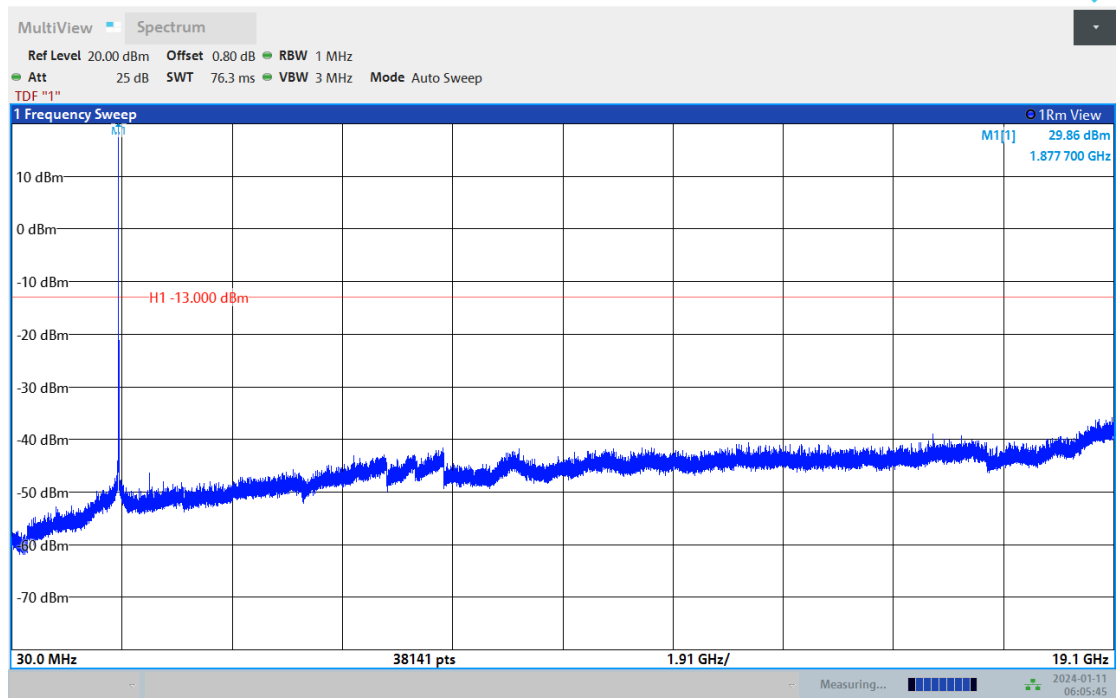


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VERITAS

Test Report No.: PSU-QSU2312140113RF02



Band2-5MHz-64QAM-18900-1RB#0-30~20000MHz

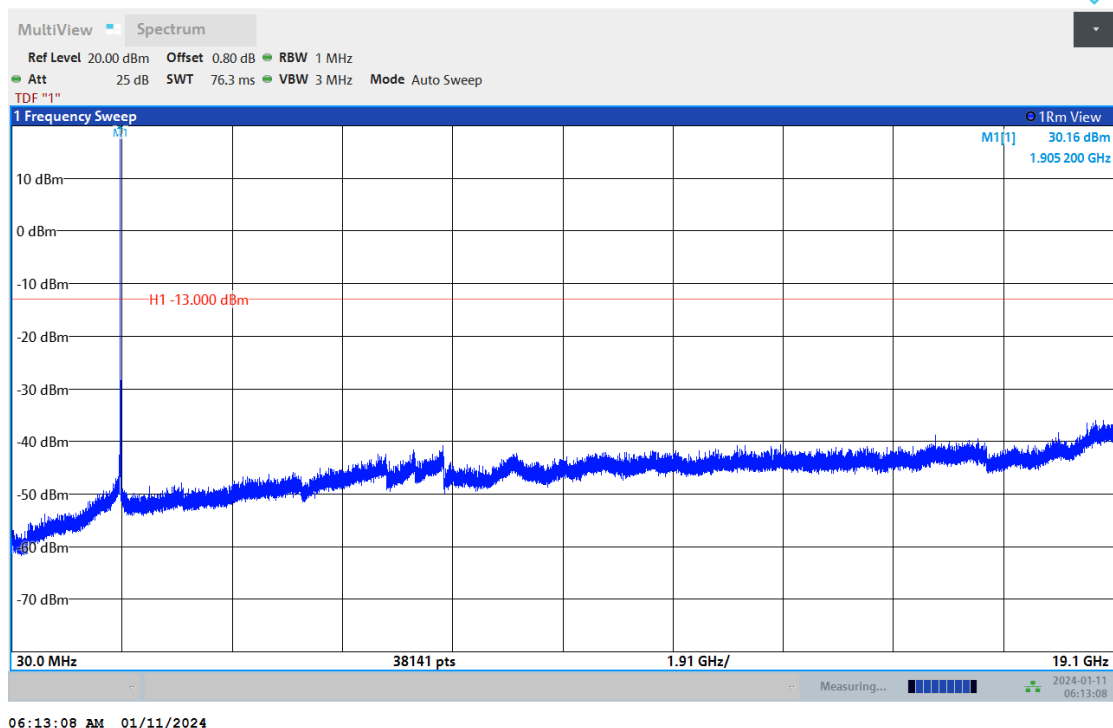


Band2-5MHz-64QAM-19175-1RB#0-30~20000MHz

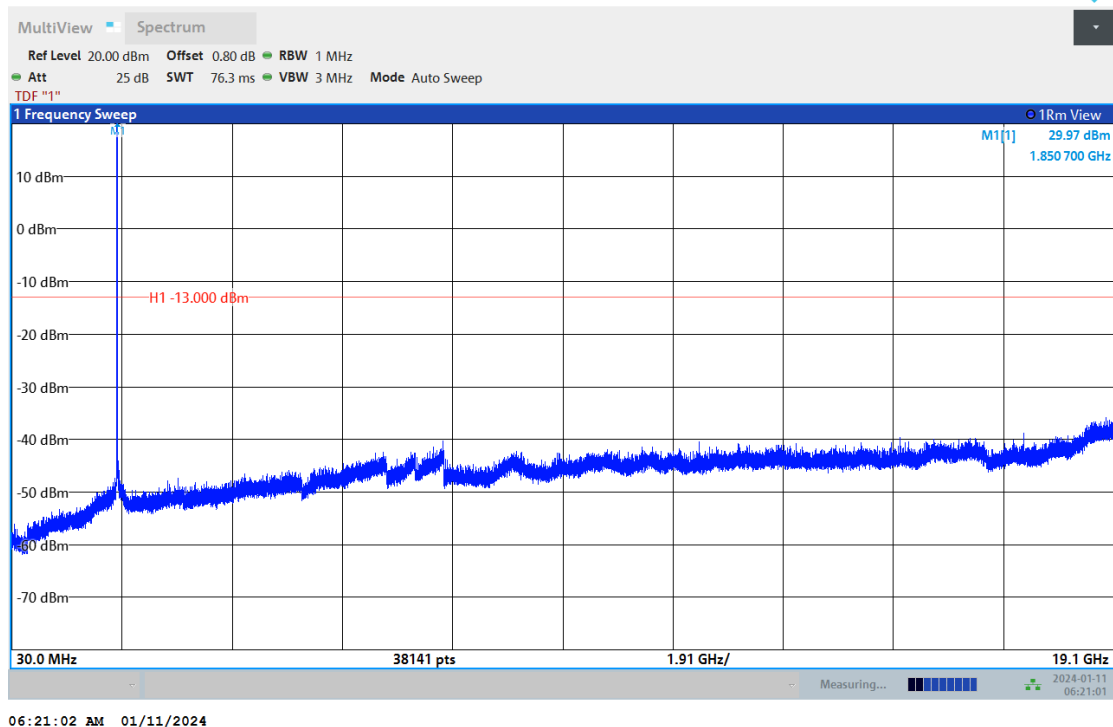


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VERITAS

Test Report No.: PSU-QSU2312140113RF02



Band2-10MHz-64QAM-18900-1RB#0-30~20000MHz

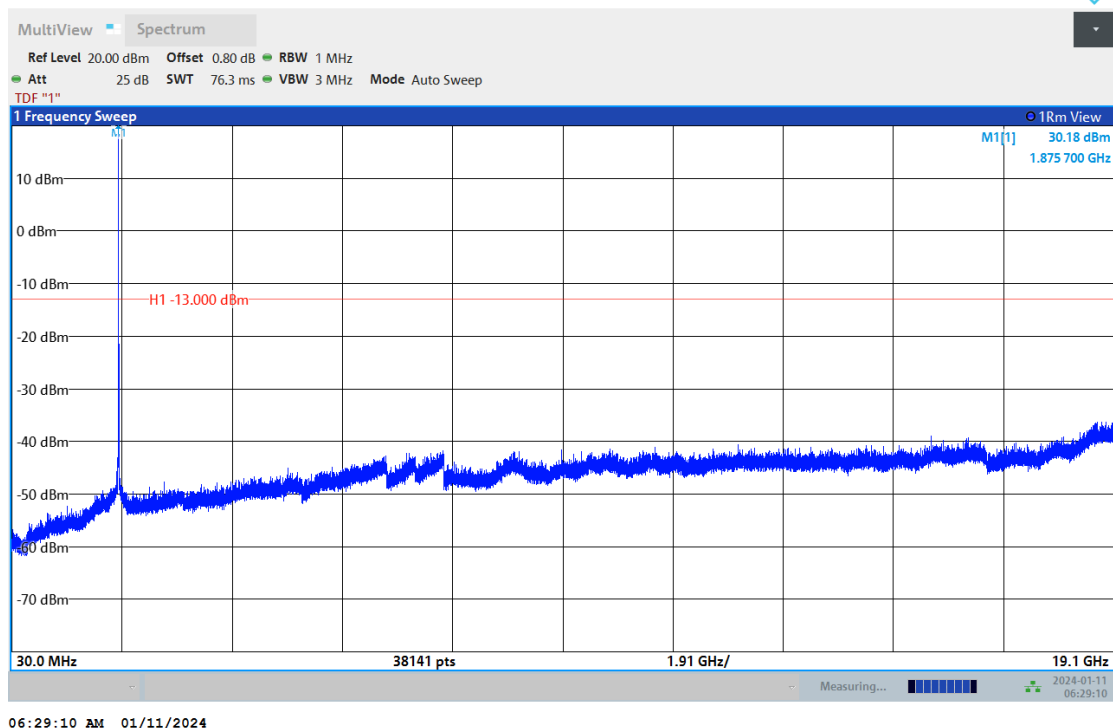


Band2-10MHz-64QAM-18900-1RB#0-30~20000MHz

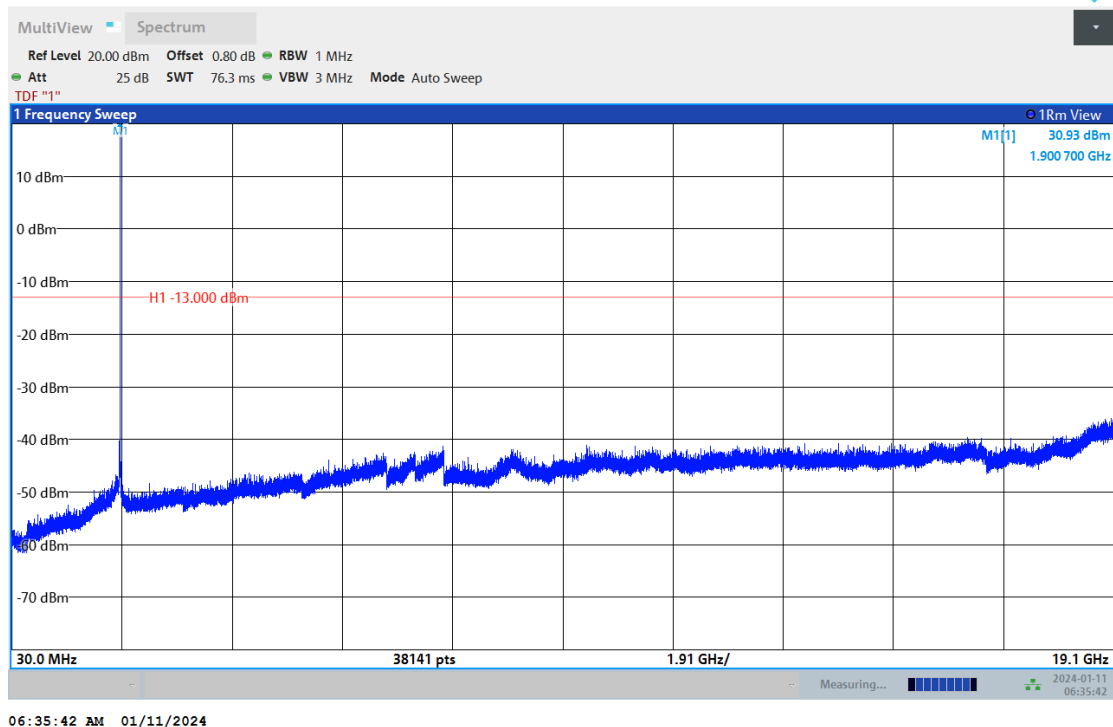


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VERITAS

Test Report No.: PSU-QSU2312140113RF02



Band2-10MHz-64QAM-19150-1RB#0-30~20000MHz

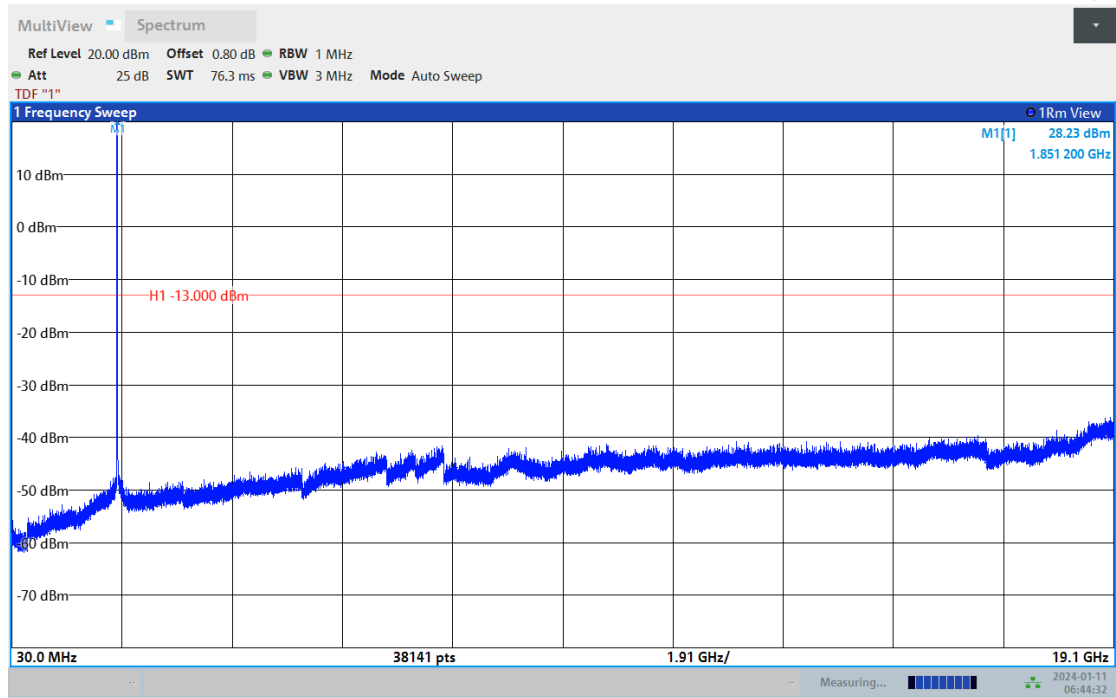


Band2-15MHz-64QAM-18675-1RB#0-30~20000MHz

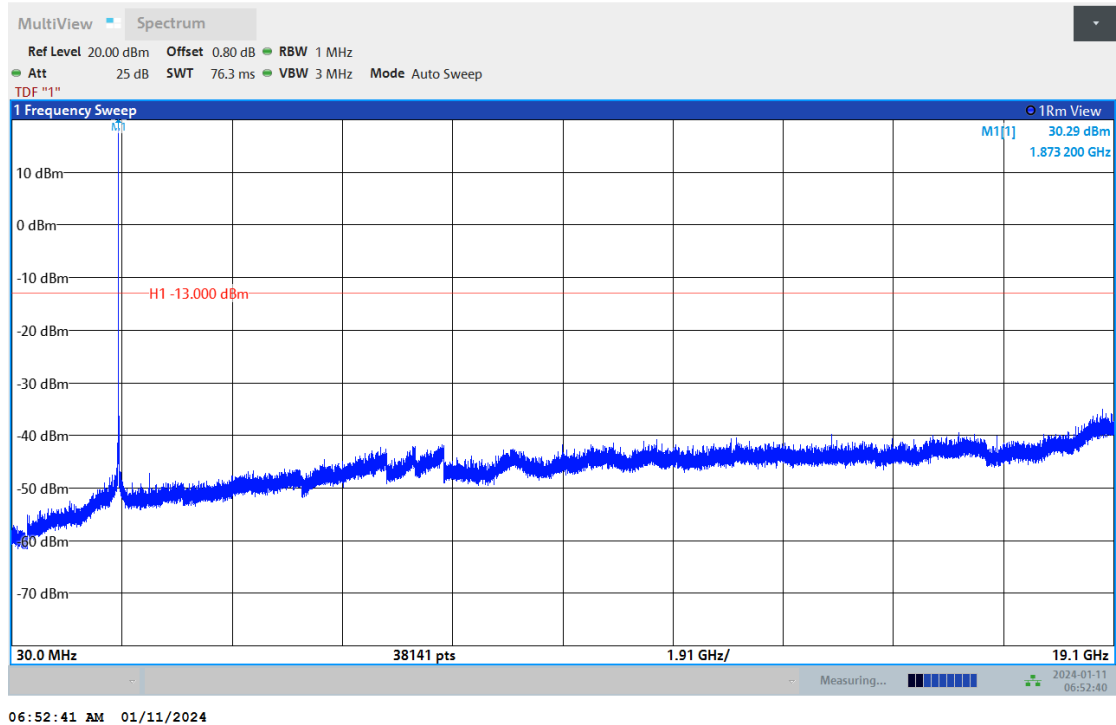


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VERITAS

Test Report No.: PSU-QSU2312140113RF02



Band2-15MHz-64QAM-18900-1RB#0-30~20000MHz

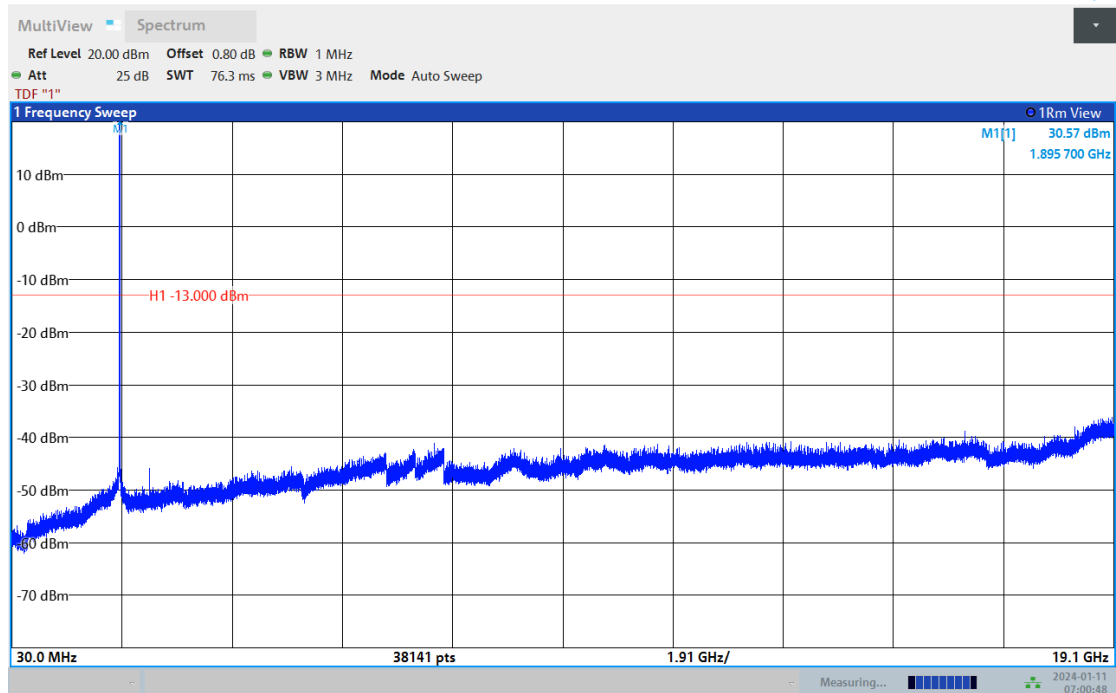


Band2-15MHz-64QAM-19125-1RB#0-30~20000MHz

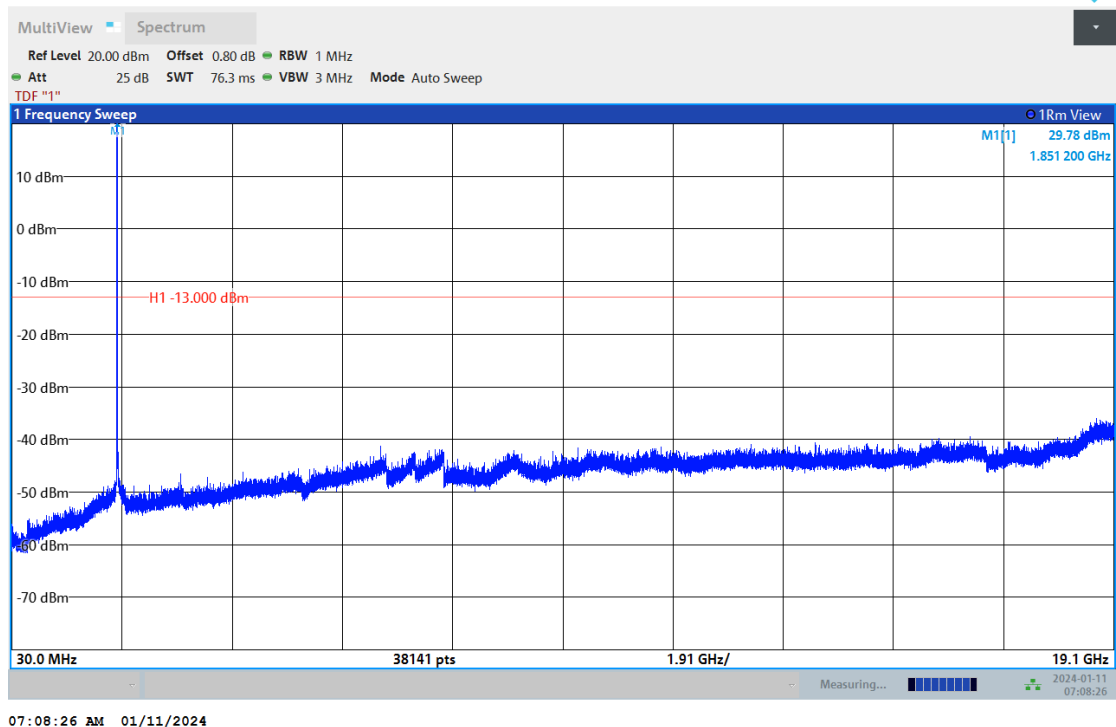


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VERITAS

Test Report No.: PSU-QSU2312140113RF02



Band2-20MHz-64QAM-18700-1RB#0-30~20000MHz

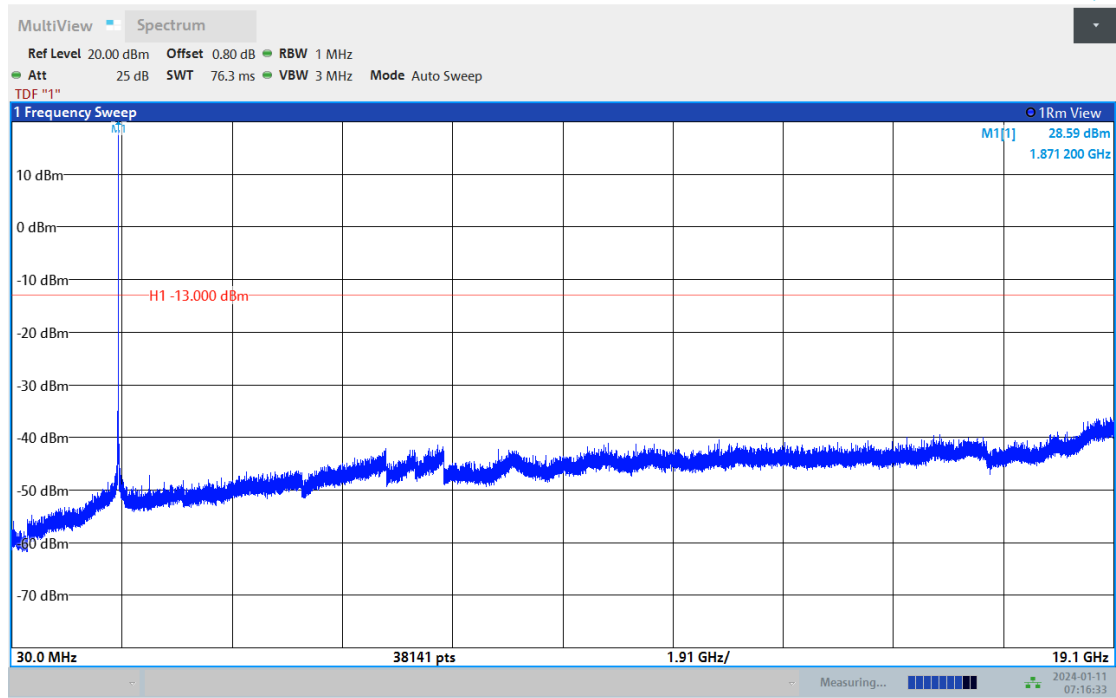


Band2-20MHz-64QAM-18900-1RB#0-30~20000MHz

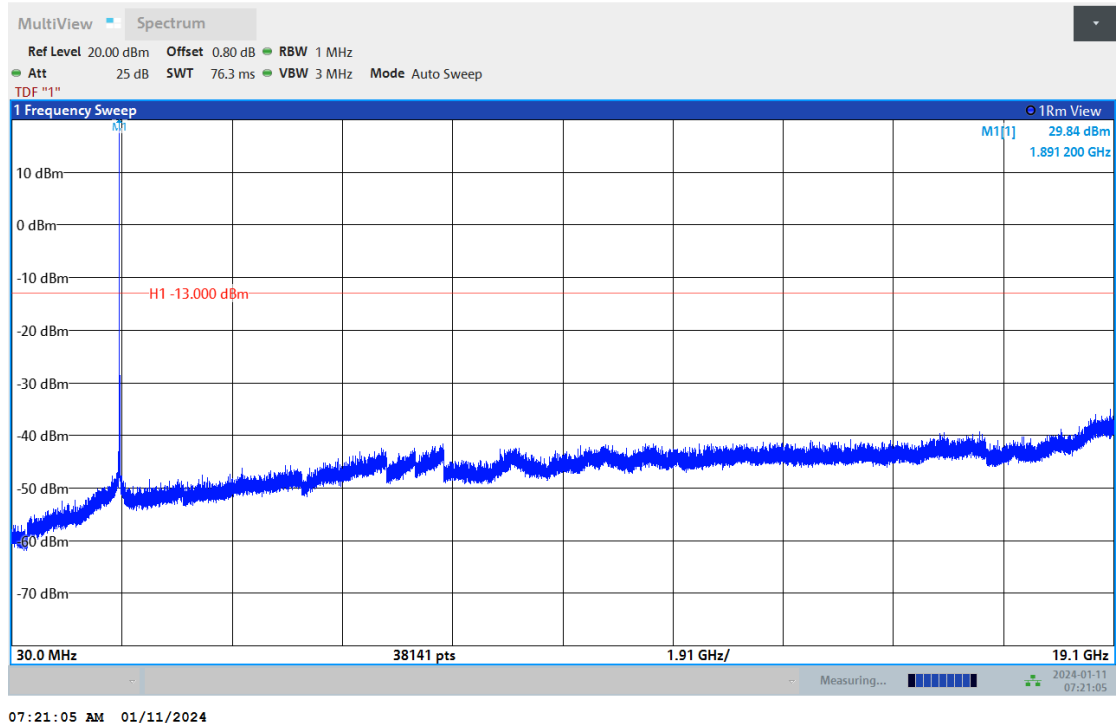


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VERITAS

Test Report No.: PSU-QSU2312140113RF02



Band2-20MHz-64QAM-19100-1RB#0-30~20000MHz



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	-17.7	-0.009516	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	33.14	0.017817	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	-26.78	-0.014398	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-34.93	-0.018580	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	9.16	0.004872	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	11.82	0.006287	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-16.24	-0.008547	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	0.65	0.000342	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-33.19	-0.017468	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	27.05	0.014543	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	-5.5	-0.002957	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	-1.61	-0.000866	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-2.57	-0.001367	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	20.26	0.010777	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	12.4	0.006596	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	17	0.008947	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-30.38	-0.015989	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-26.45	-0.013921	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	10.15	0.005457	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	13.04	0.007011	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	-31.1	-0.016720	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	27.13	0.014431	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	29.08	0.015468	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	-9.84	-0.005234	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	-18.04	-0.009495	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	18.46	0.009716	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	15.76	0.008295	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	-19.26	0.0055	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	10.02	-0.005054	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	3.48	-0.005054	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	-8.91	-0.009806	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	9.28	-0.005651	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	27.91	0.003274	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	9.71	0.003274	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	12.77	0.003274	±2.5	PASS

Band2	20MHz	QPSK	18700	100RB#0	NV	50	8.08	0.003274	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-16.32	-0.00334	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-24.27	-0.010963	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	13.87	-0.010963	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	8	-0.014532	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	29.63	-0.005761	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	2.13	-0.017016	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	32.3	0.003274	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-2.49	0.003274	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-12.95	0.003274	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-0.16	-0.004321	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	13.65	-0.018032	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-19.37	-0.018032	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-11.58	-0.028611	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	3.25	-0.011926	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	9.66	-0.006789	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-18.05	-0.006789	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-5.93	-0.006789	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-6.3	-0.006789	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	-27.97	0.006613	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	-34.73	0.011903	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	-32.47	0.011903	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	34.97	0.020097	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	-30.36	0.018435	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	-1.24	0.020473	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	32.3	0.020473	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	2.65	0.020473	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	9.15	0.020473	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-33.06	0.014479	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-7.61	0.017617	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	14.98	0.017617	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	14.3	0.021633	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	27.75	0.010165	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-0.2	0.026809	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	32.56	0.026809	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	22.14	0.026809	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	32.29	0.026809	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-14.54	0.024768	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-28.02	0.006311	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	10.48	0.006311	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	14.06	0.017168	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	3.74	0.008284	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	24.47	0.018568	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-20.79	0.018568	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	10.04	0.018568	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-30.26	0.018568	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-30	9.3	0.006613	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-20	-9.24	0.011903	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-10	16.45	0.011903	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	-6.86	0.020097	±2.5	PASS



Band2	20MHz	64QAM	18700	100RB#0	NV	10	2.02	0.018435	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	1.62	0.020473	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	-7.55	0.020473	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	40	-34.88	0.020473	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	50	-19.71	0.020473	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	-12.66	0.014479	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	-27.86	0.017617	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-10	13.78	0.017617	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	-21.86	0.021633	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	-18.53	0.010165	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	-28.56	0.026809	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	11.48	0.026809	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	40	-17.95	0.026809	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	-4.33	0.026809	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	11.7	0.024768	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	17.19	0.006311	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-10	34.03	0.006311	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	13.55	0.017168	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	-22.42	0.008284	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	33.23	0.018568	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	-13.13	0.018568	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	-20.96	0.018568	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	10.13	0.018568	±2.5	PASS

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