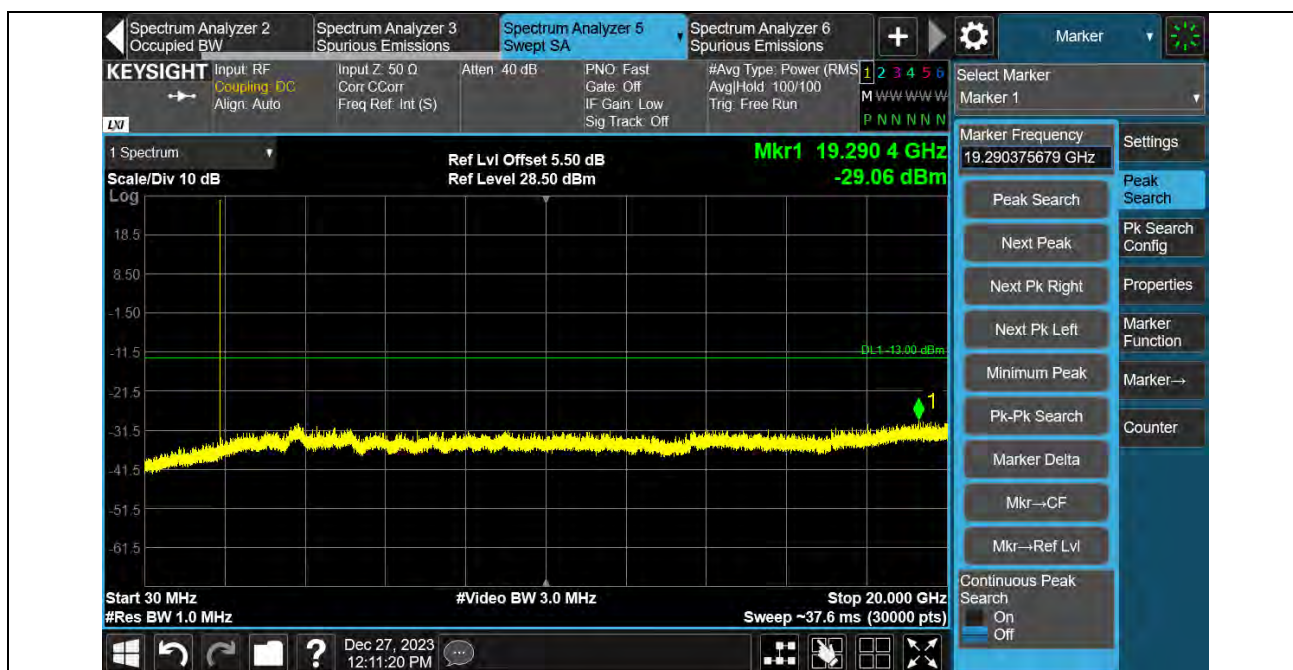


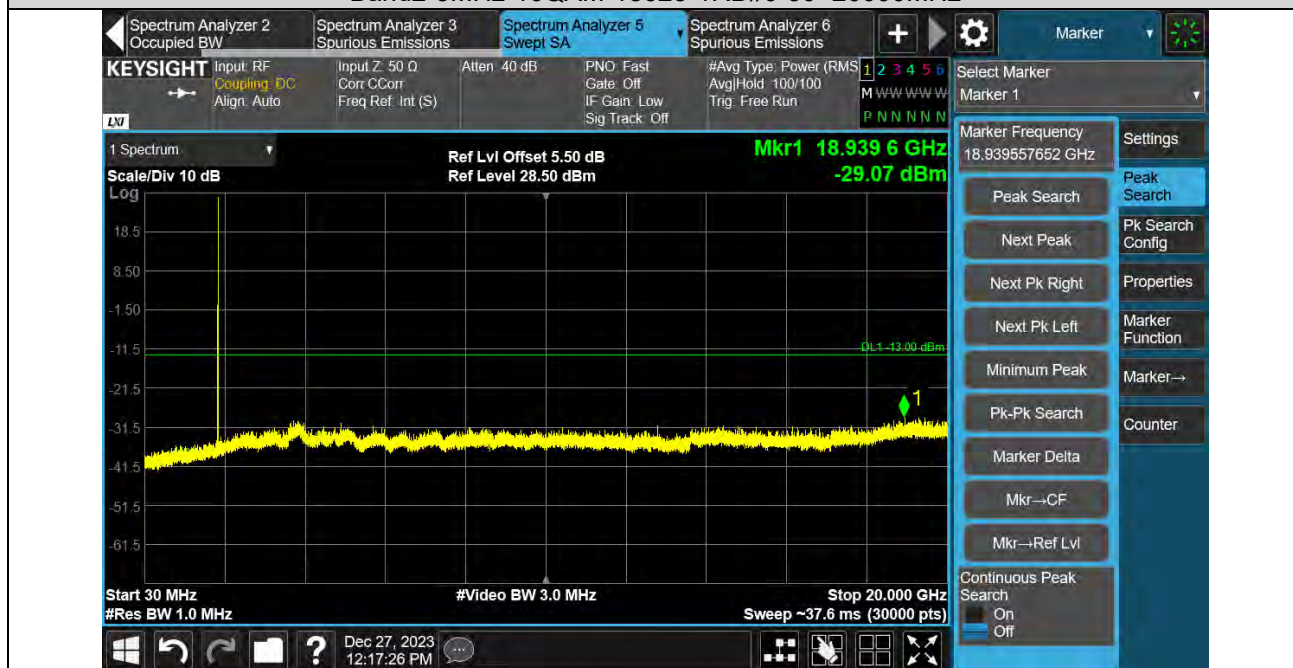


BUREAU
VERITAS

Test Report No.: PSU-QSU2312200110RF02



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



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



BUREAU
VERITAS

Test Report No.: PSU-QSU2312200110RF02



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



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

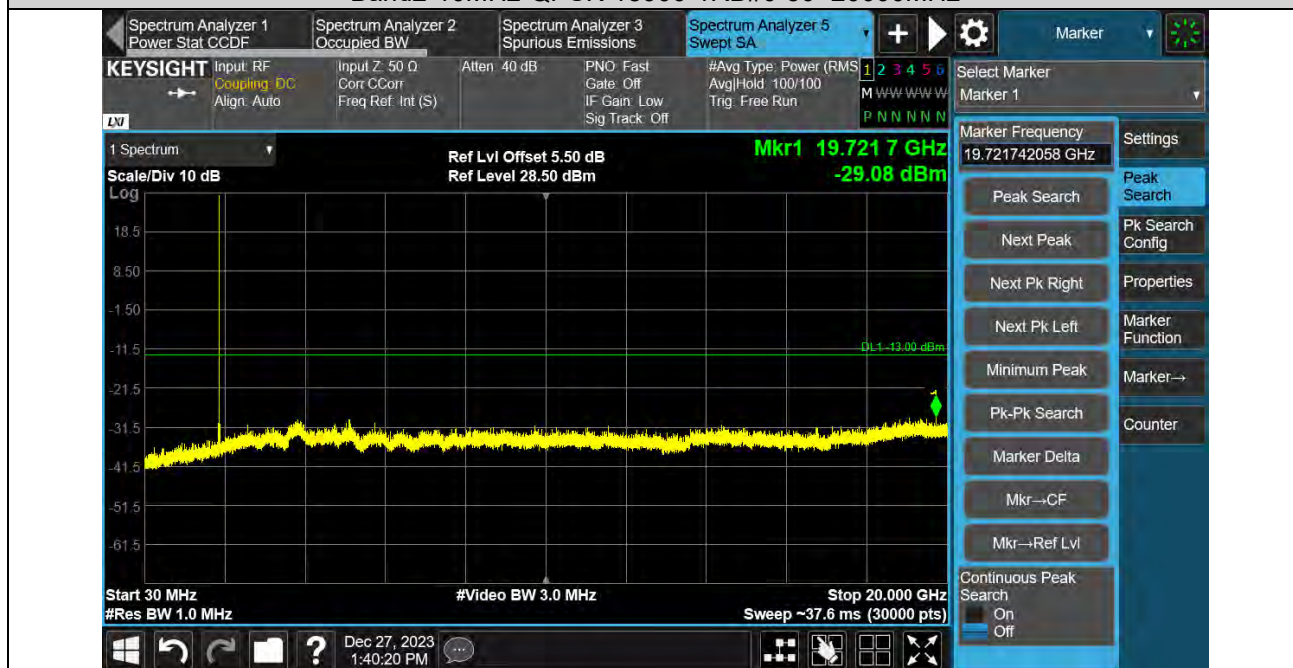


BUREAU
VERITAS

Test Report No.: PSU-QSU2312200110RF02



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



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

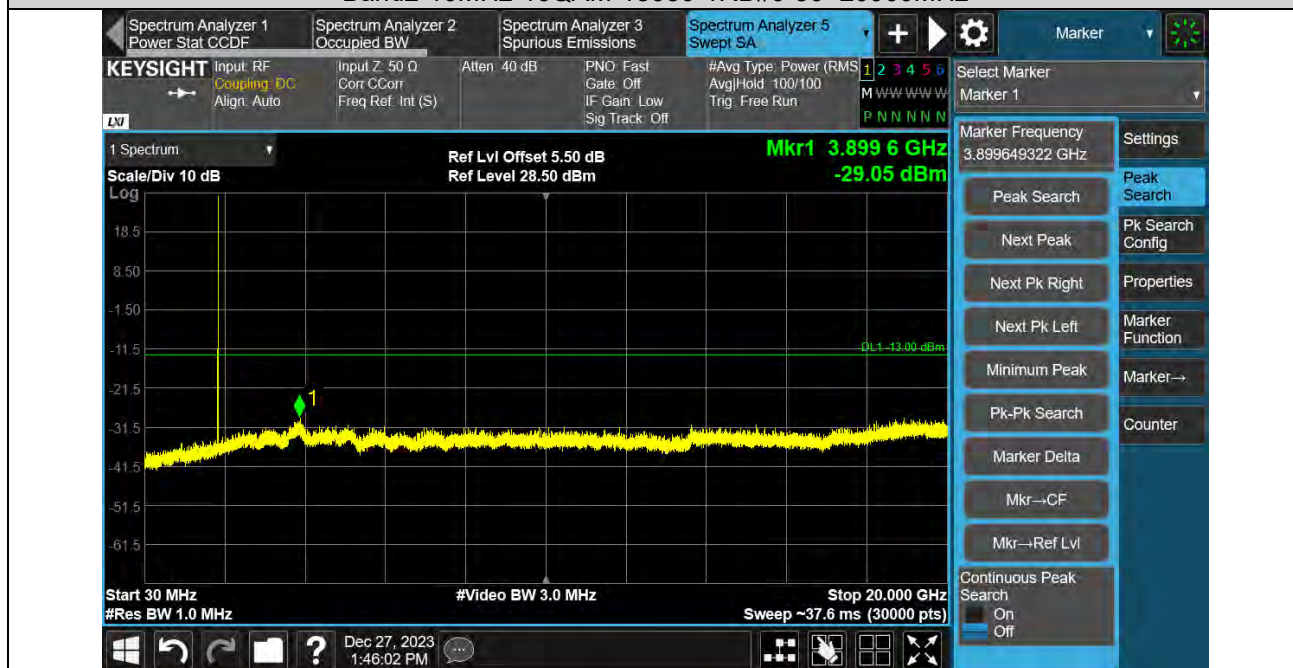


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VERITAS

Test Report No.: PSU-QSU2312200110RF02



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-QSU2312200110RF02



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

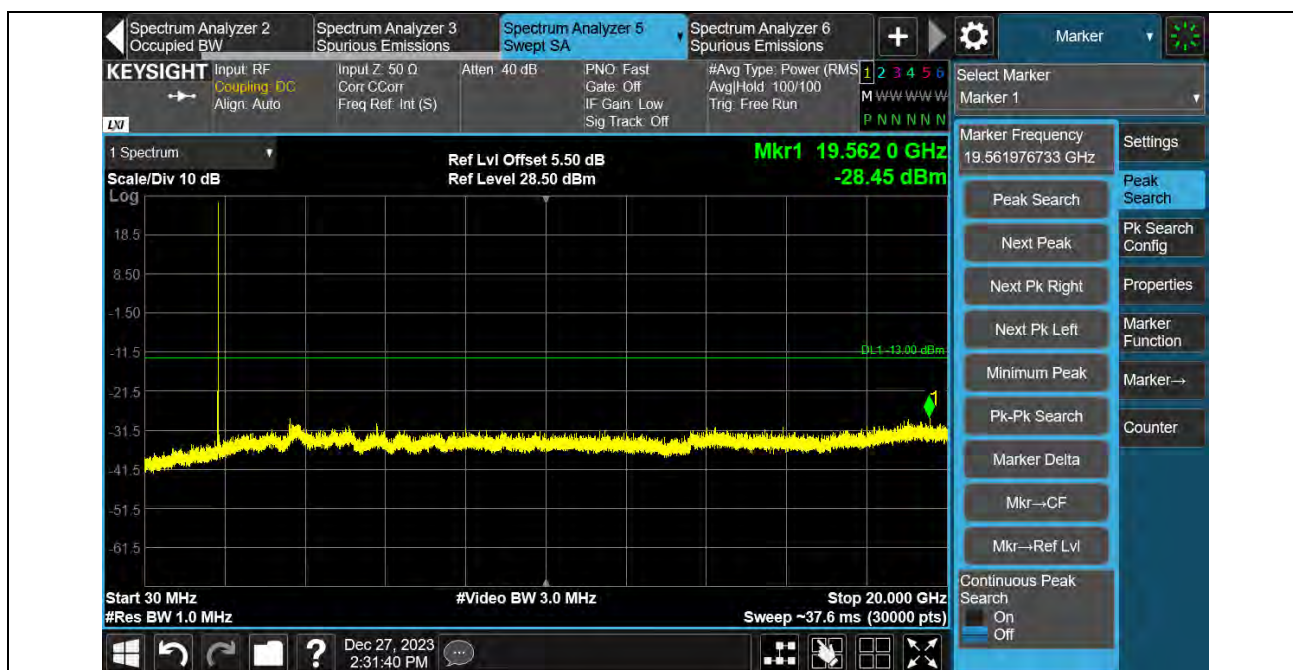


Band2-15MHz-QPSK-18675-1RB#0-30~20000MHz

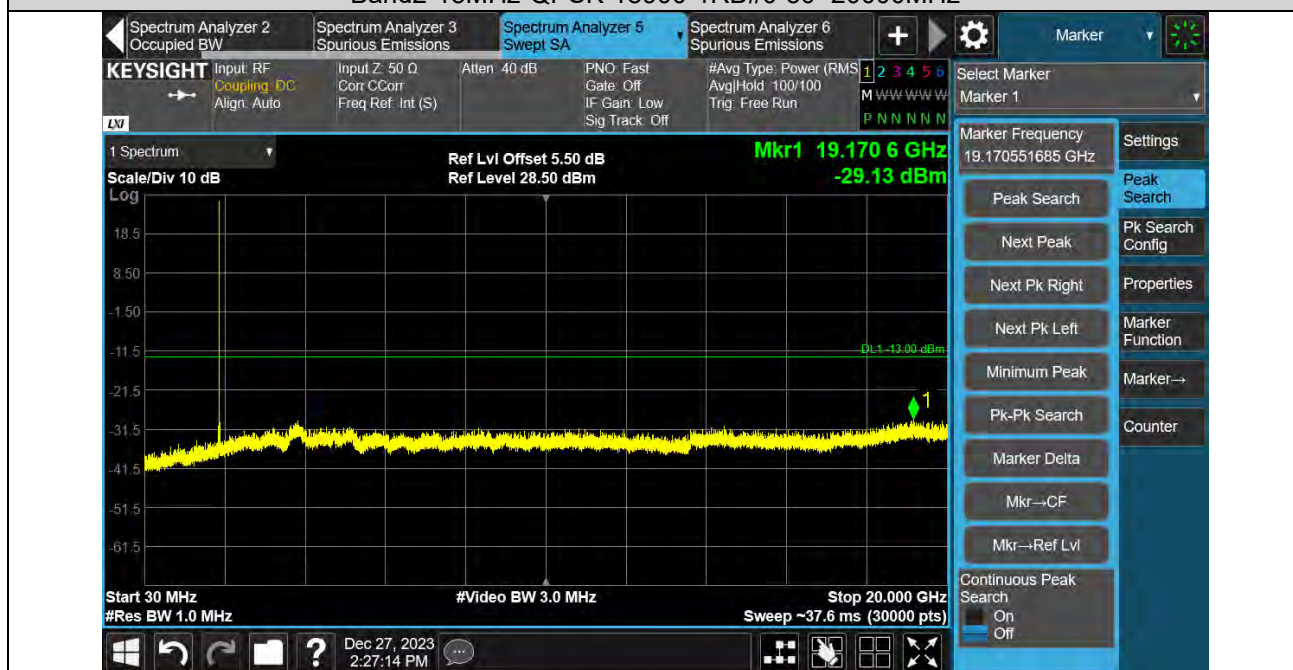


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VERITAS

Test Report No.: PSU-QSU2312200110RF02



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



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

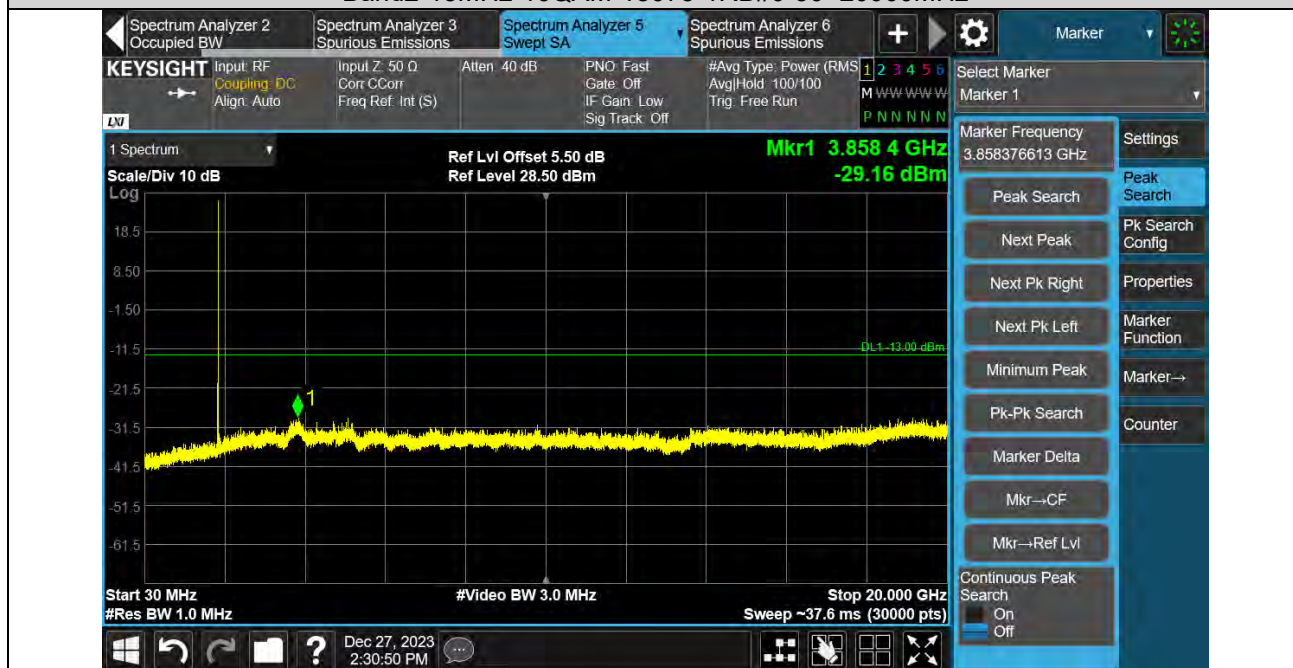


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VERITAS

Test Report No.: PSU-QSU2312200110RF02



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-QSU2312200110RF02



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



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

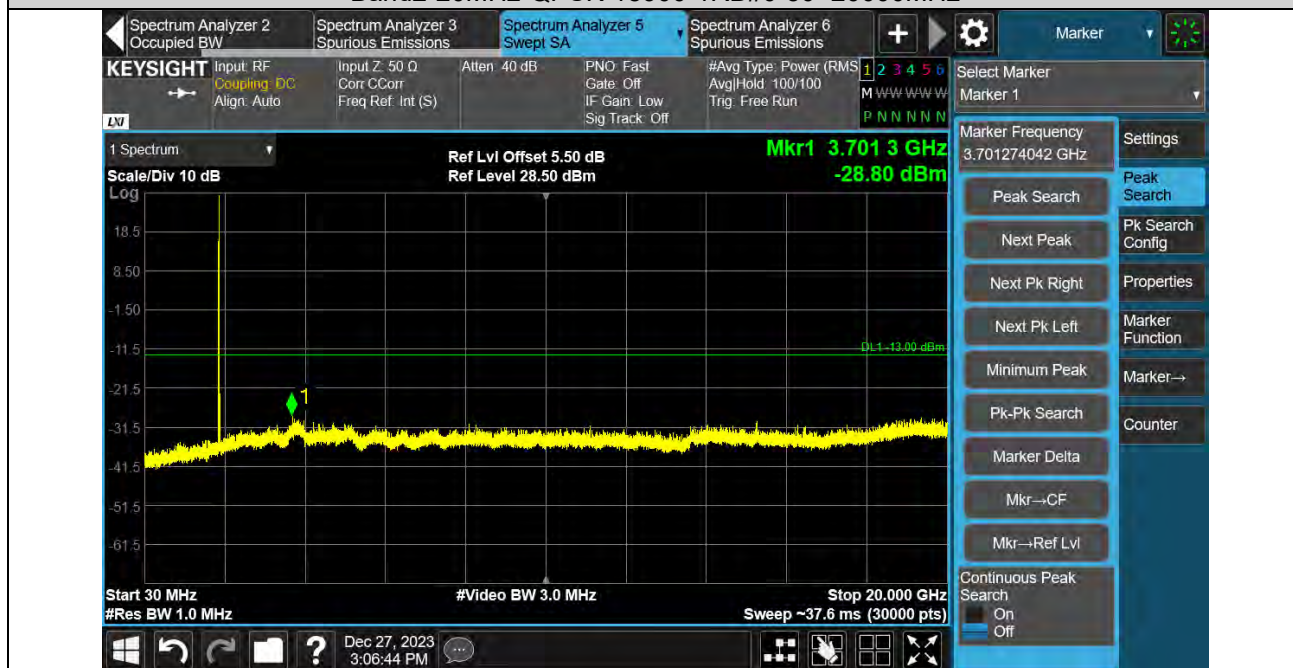


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VERITAS

Test Report No.: PSU-QSU2312200110RF02



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

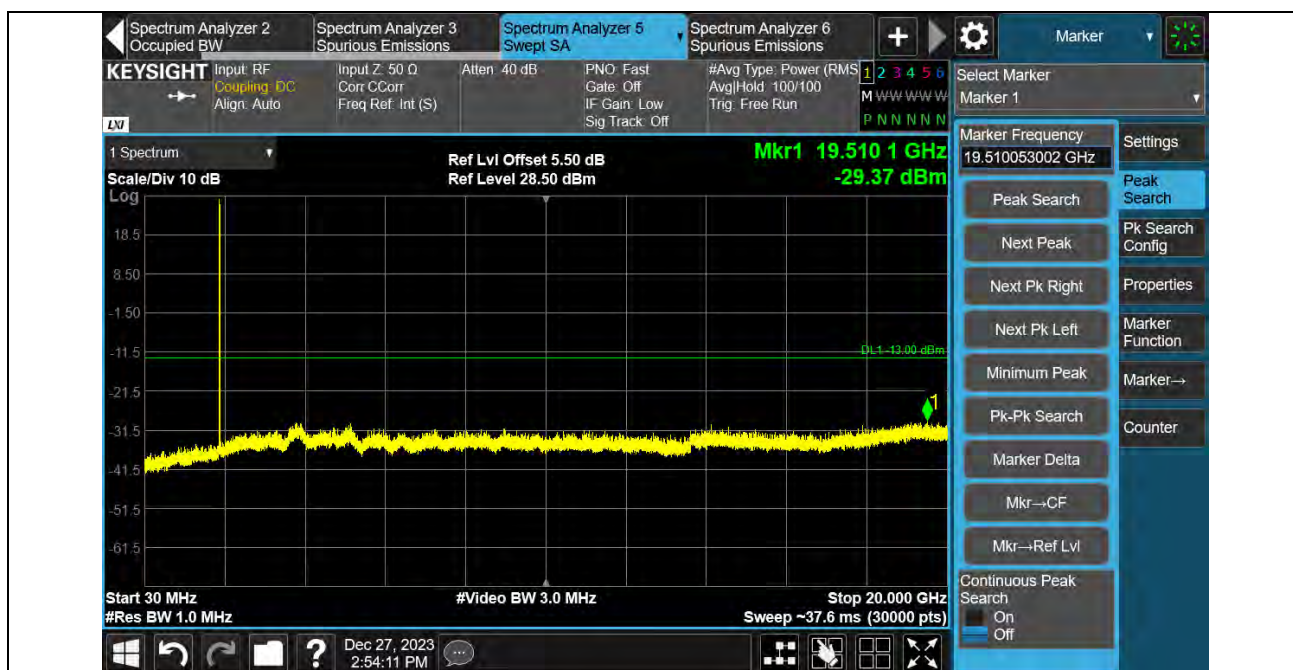


Band2-20MHz-QPSK-19100-1RB#0-30~20000MHz

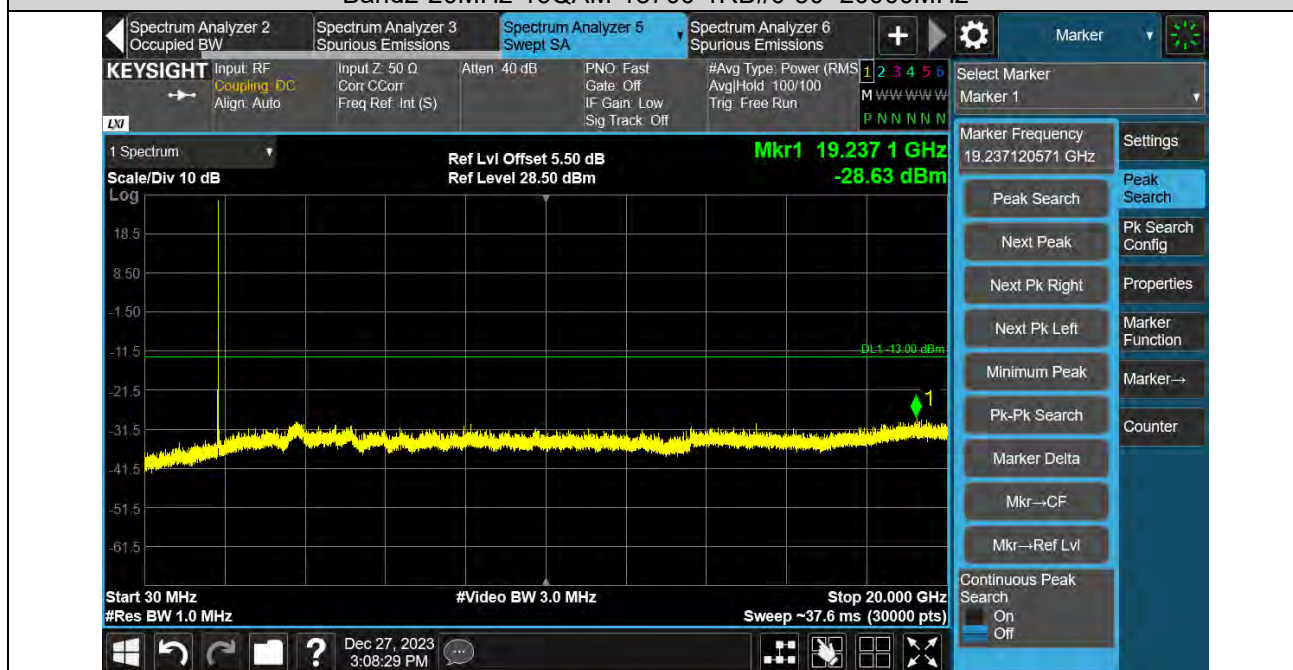


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VERITAS

Test Report No.: PSU-QSU2312200110RF02



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-QSU2312200110RF02



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

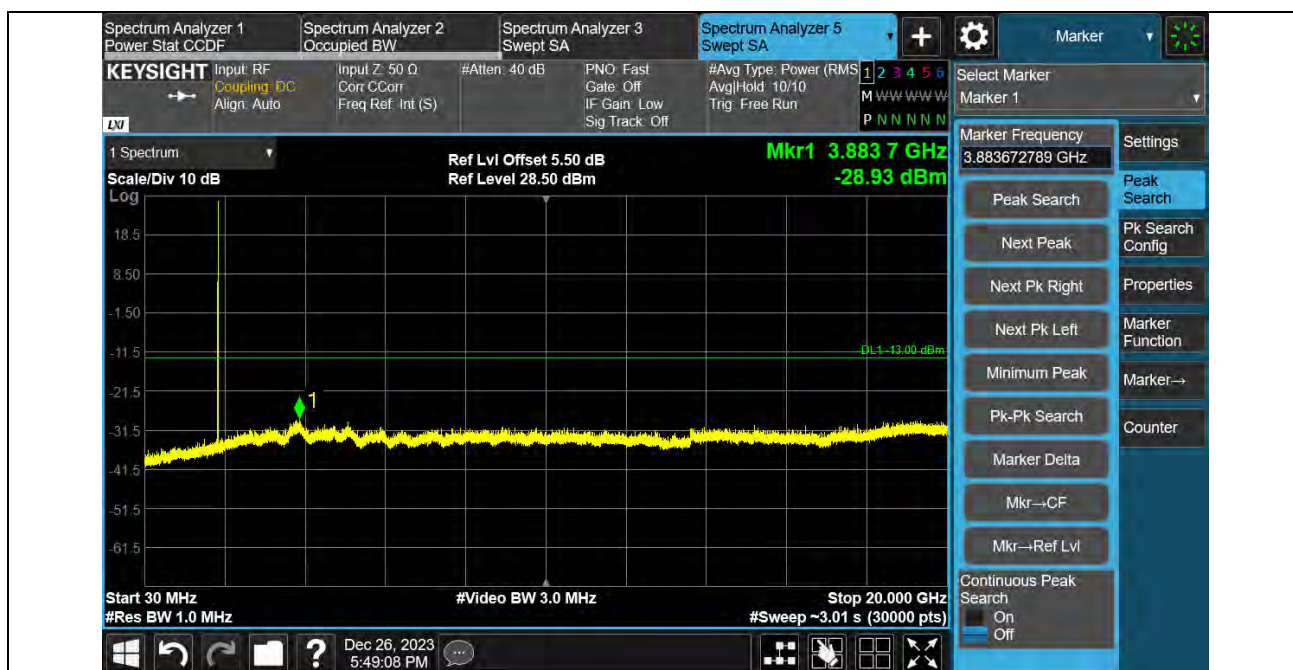


Band2-1.4MHz-64QAM-18607-1RB#0-30~20000MHz

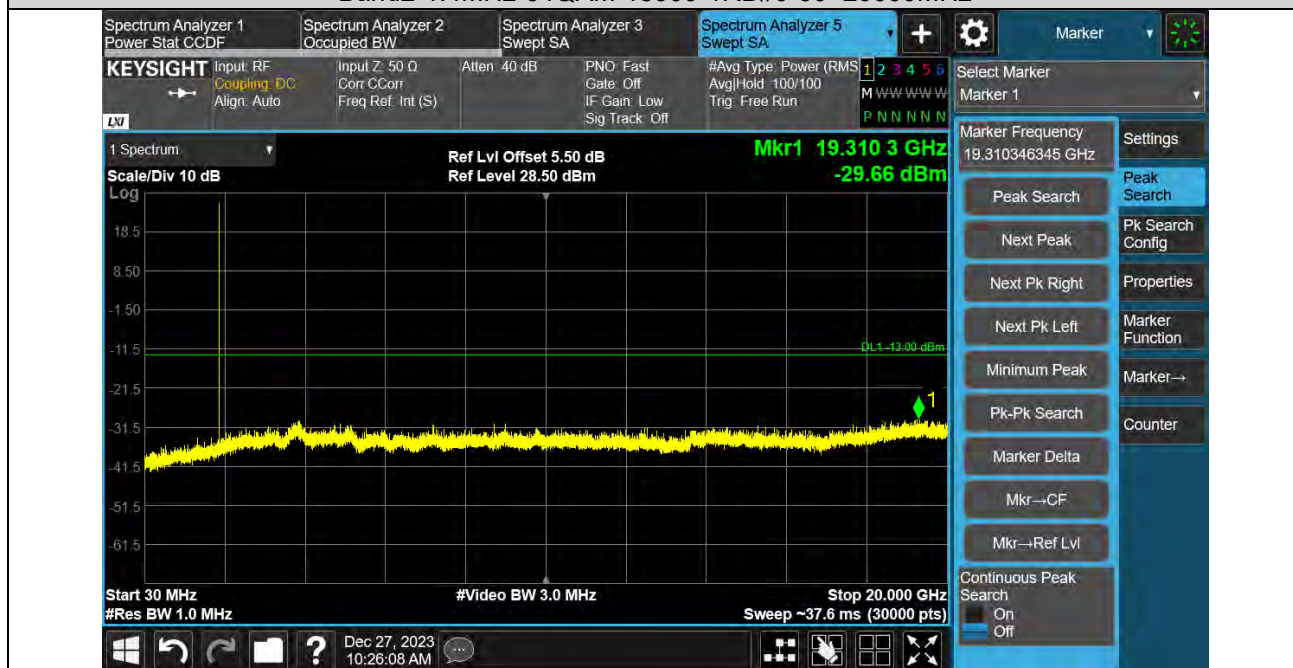


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VERITAS

Test Report No.: PSU-QSU2312200110RF02



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

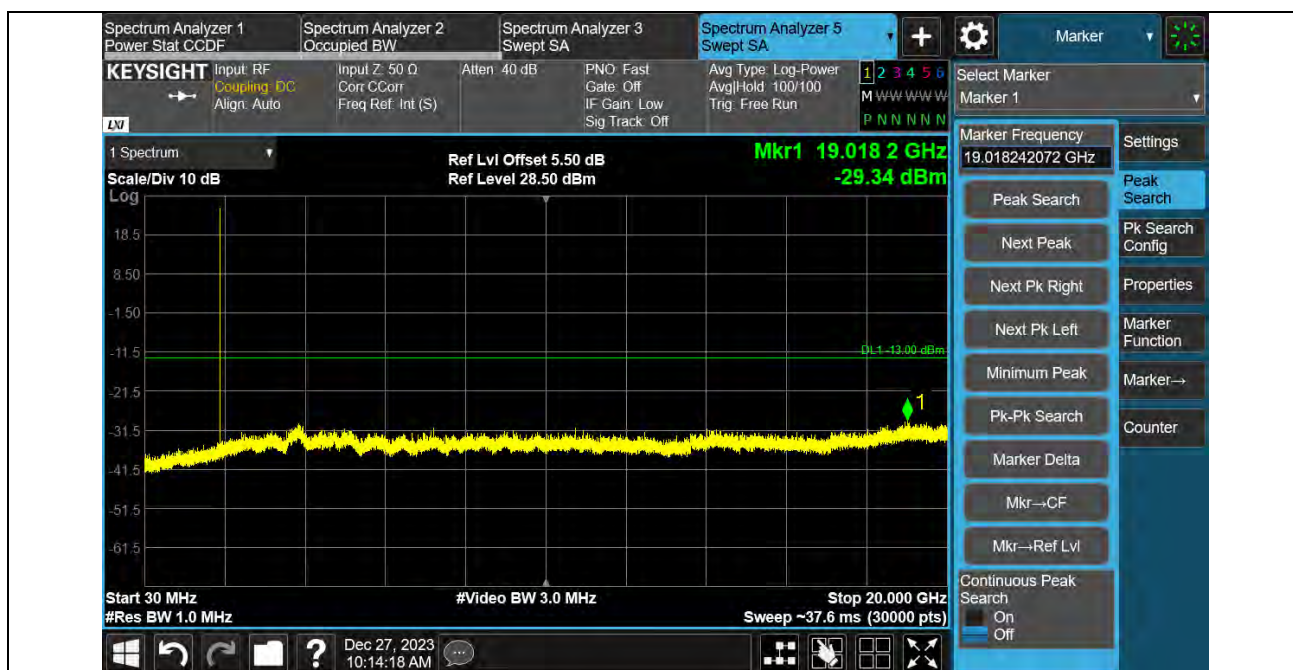


Band2-1.4MHz-64QAM-19193-1RB#0-30~20000MHz

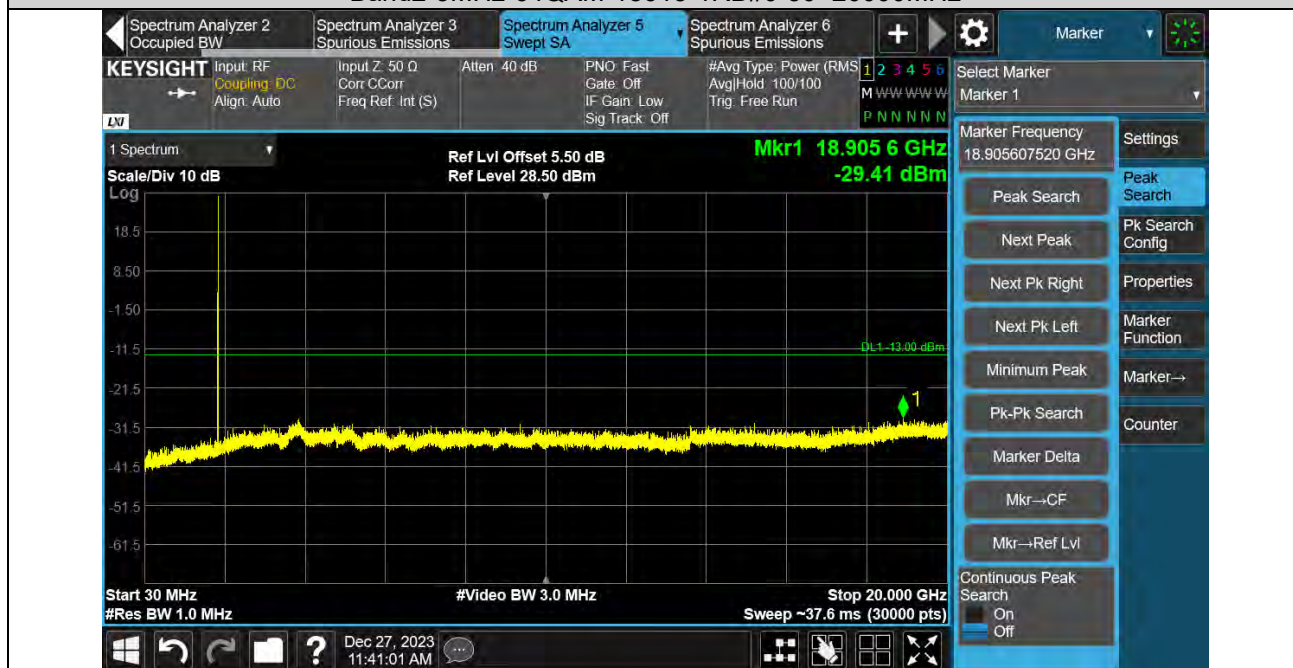


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VERITAS

Test Report No.: PSU-QSU2312200110RF02



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

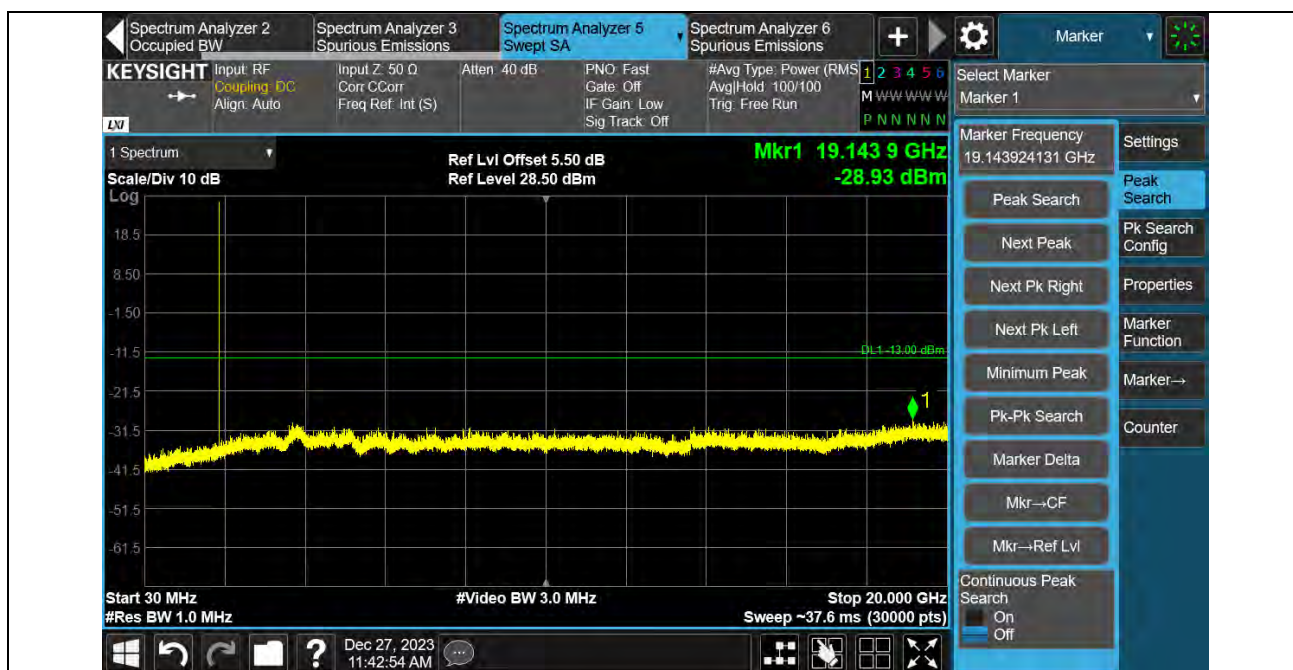


Band2-3MHz-64QAM-18900-1RB#0-30~20000MHz



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VERITAS

Test Report No.: PSU-QSU2312200110RF02



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



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



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Test Report No.: PSU-QSU2312200110RF02





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Test Report No.: PSU-QSU2312200110RF02



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



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

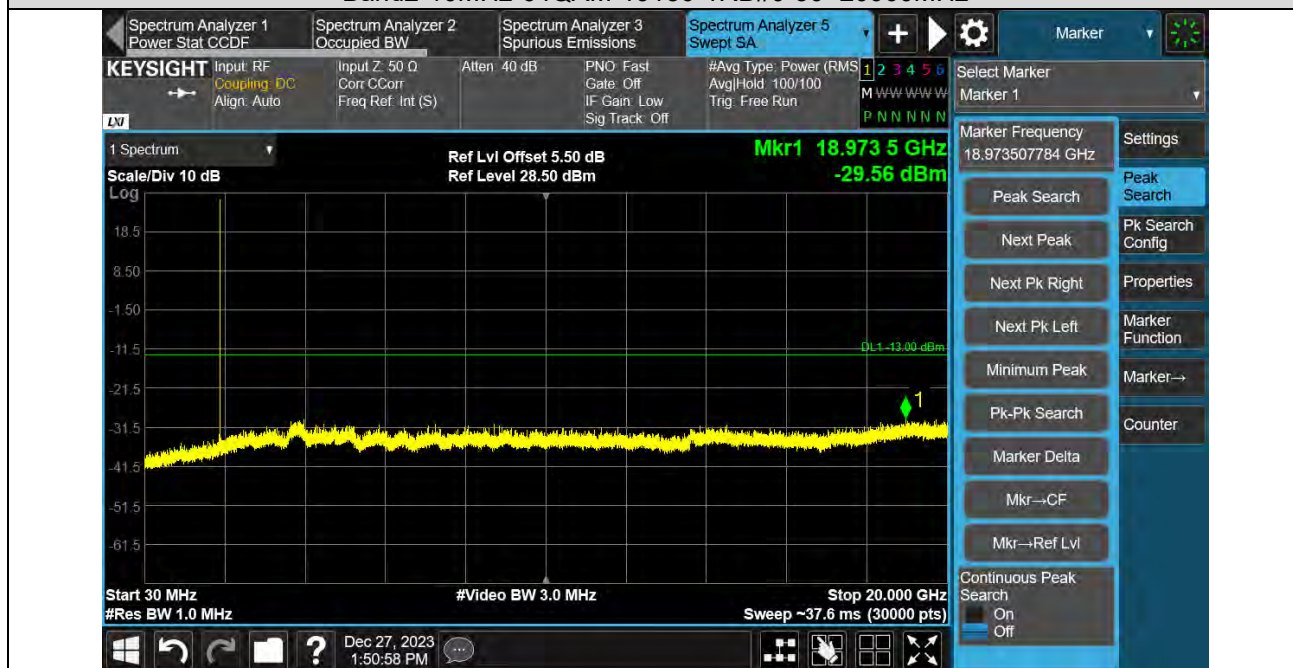


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VERITAS

Test Report No.: PSU-QSU2312200110RF02



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

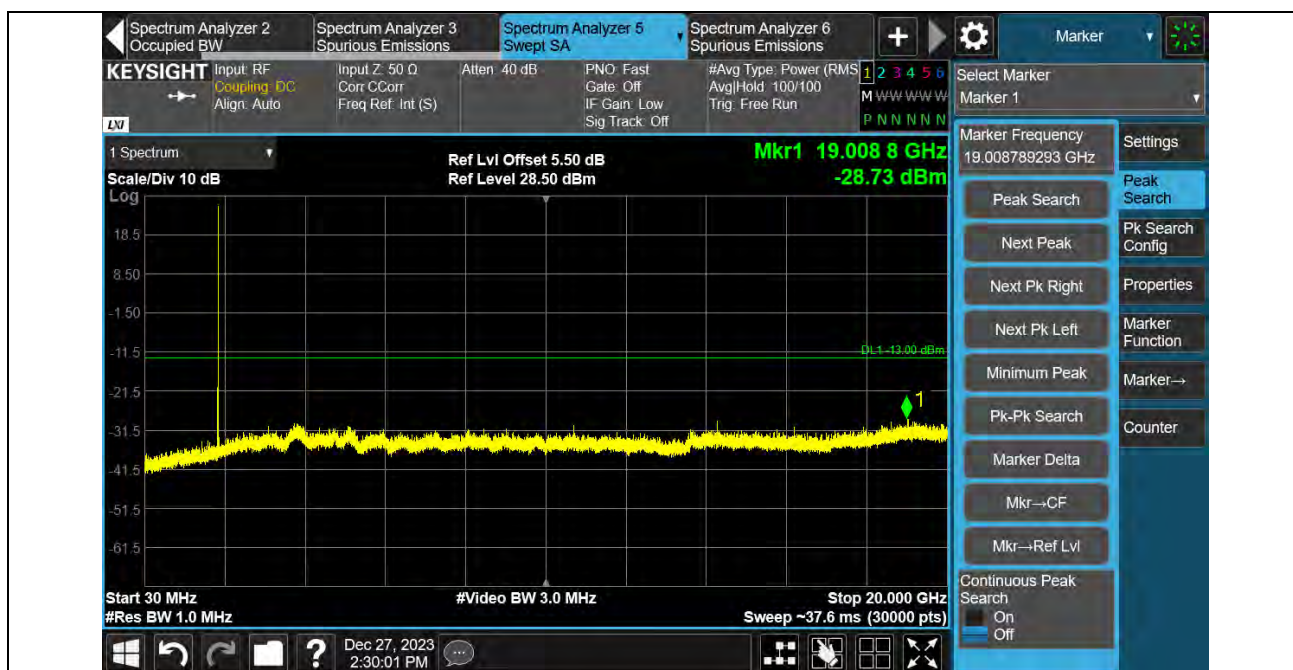


Band2-15MHz-64QAM-18675-1RB#0-30~20000MHz

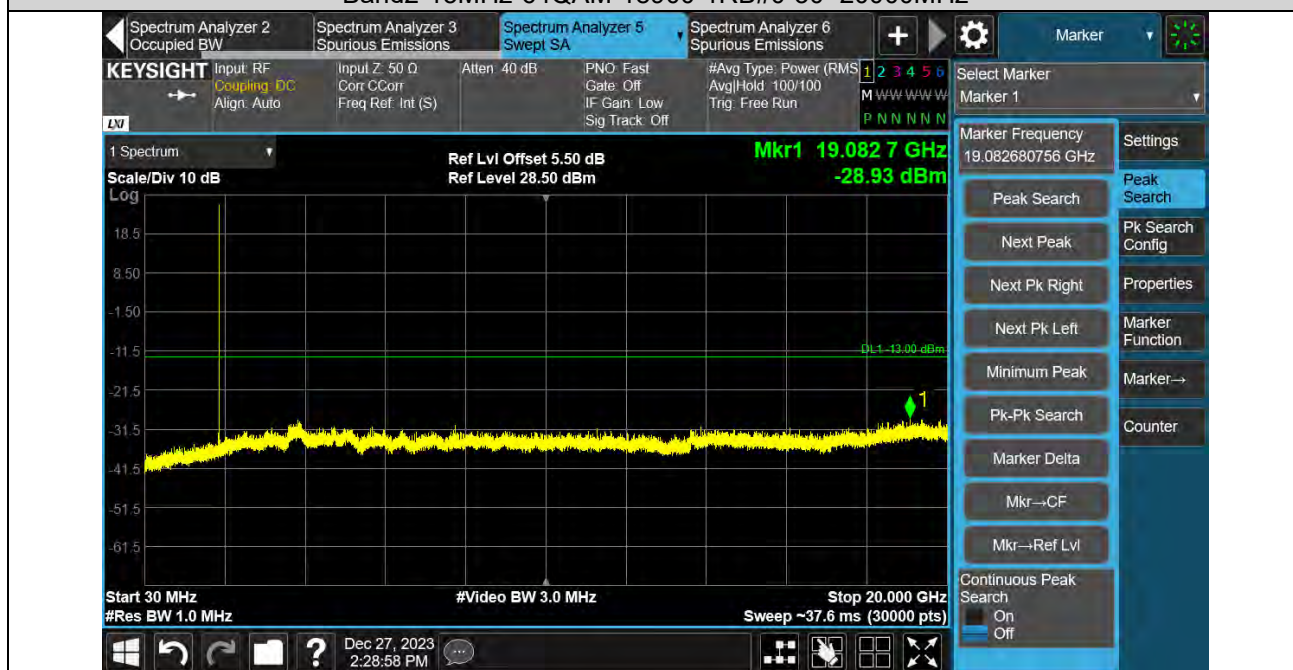


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VERITAS

Test Report No.: PSU-QSU2312200110RF02



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



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



BUREAU
VERITAS

Test Report No.: PSU-QSU2312200110RF02



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

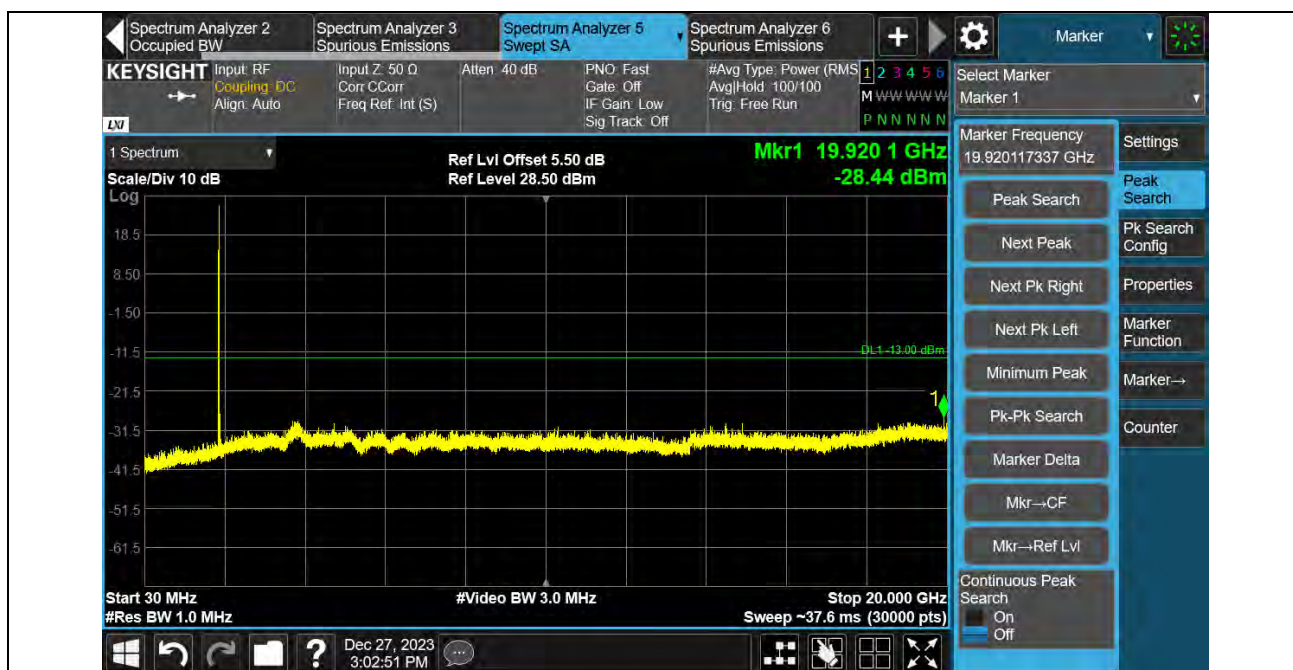


Band2-20MHz-64QAM-18900-1RB#0-30~20000MHz



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VERITAS

Test Report No.: PSU-QSU2312200110RF02



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	7.8	0.004194	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-17.13	-0.009210	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	25.39	0.013651	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-12.61	-0.006707	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-21.15	-0.011250	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	8.78	0.004670	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	20.36	0.010716	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	6.29	0.003311	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-32.12	-0.016905	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	8.1	0.004355	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	-3	-0.001613	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	-32.68	-0.017570	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-26.8	-0.014255	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-0.16	-0.000085	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	11.55	0.006144	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-29.28	-0.015411	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	17.61	0.009268	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-19.76	-0.010400	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	31.87	0.017134	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	-18.65	-0.010027	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	21.26	0.011430	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	-19.33	-0.010392	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	-17.61	-0.009468	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	6.61	0.003554	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	18.8	0.010108	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	8	0.004301	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	-7.78	-0.004183	±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	1.29	0.011218	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	-4.44	0.006879	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	2.57	-0.010156	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	12.94	-0.009051	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	30.68	-0.01221	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	-6.77	-0.005122	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	21.9	-0.004404	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-18.9	0.004548	±2.5	PASS

Band2	20MHz	QPSK	18700	100RB#0	NV	50	18.16	-0.003628	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	22.12	-0.019511	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	29.86	-0.02632	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-29.82	-0.006189	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-4.87	0.008268	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-3.35	0.004341	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	19.8	-0.011386	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-6.16	0.013154	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-30.07	0.024528	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-24.35	0.022566	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	10.54	-0.005466	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	32.08	0.006167	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-5.83	0.018846	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	27.77	0.009032	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	16.82	0.013559	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-28.41	0.014835	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	24.5	0.018835	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	7.51	0.022688	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-15.08	0.027192	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	-5.38	-0.004383	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	-24.95	0.007869	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	20.03	0.012493	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	-19.94	-0.003058	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	-14.9	-0.01059	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	15.88	0.004275	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	-4.95	0.012162	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	1.85	0.017927	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	-2.15	-0.031633	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-2.38	0.002894	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-8.76	0.008027	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	13.32	0.004436	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	24.97	0.009426	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	29.07	-0.019732	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	20.27	-0.008126	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-25.3	-0.006775	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-24.55	-0.025693	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-7.05	-0.007842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	1.61	0.013884	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	9.62	0.022681	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	12.92	0.009066	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	18.09	0.011408	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-26.98	0.0219	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-19.35	0.028138	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	14.4	0.02383	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	30.53	0.021824	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-6.69	0.014032	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-30	-10.66	0.006537	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-20	2.77	-0.018355	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-10	-7.87	-0.018859	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	11.86	-0.017671	±2.5	PASS



Band2	20MHz	64QAM	18700	100RB#0	NV	10	30.06	-0.010728	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	-2.04	-0.003227	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	8.15	0.0055	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	40	20.06	-0.005054	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	50	-1.36	-0.009806	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	14.97	-0.005651	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	-25.18	0.003274	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-10	6.18	-0.00334	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	18.62	-0.010963	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	8	-0.014532	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	16.54	-0.005761	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	-24.97	-0.017016	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	40	29.64	-0.004321	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	9.47	-0.018032	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	-6.96	-0.028611	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	14.51	-0.011926	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-10	8.85	-0.006789	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	7.55	0.006613	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	-24.05	0.011903	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	19.39	0.020097	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	-18.88	0.018435	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	-13.25	0.020473	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	-30.85	0.014479	±2.5	PASS

--END--