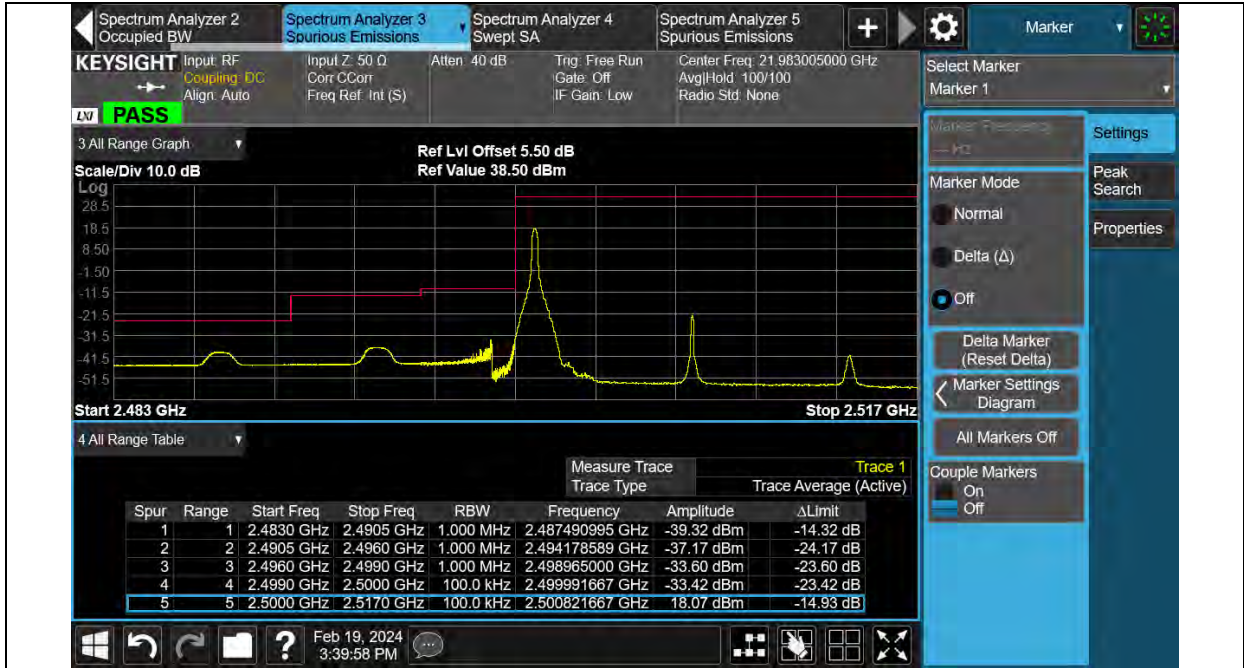


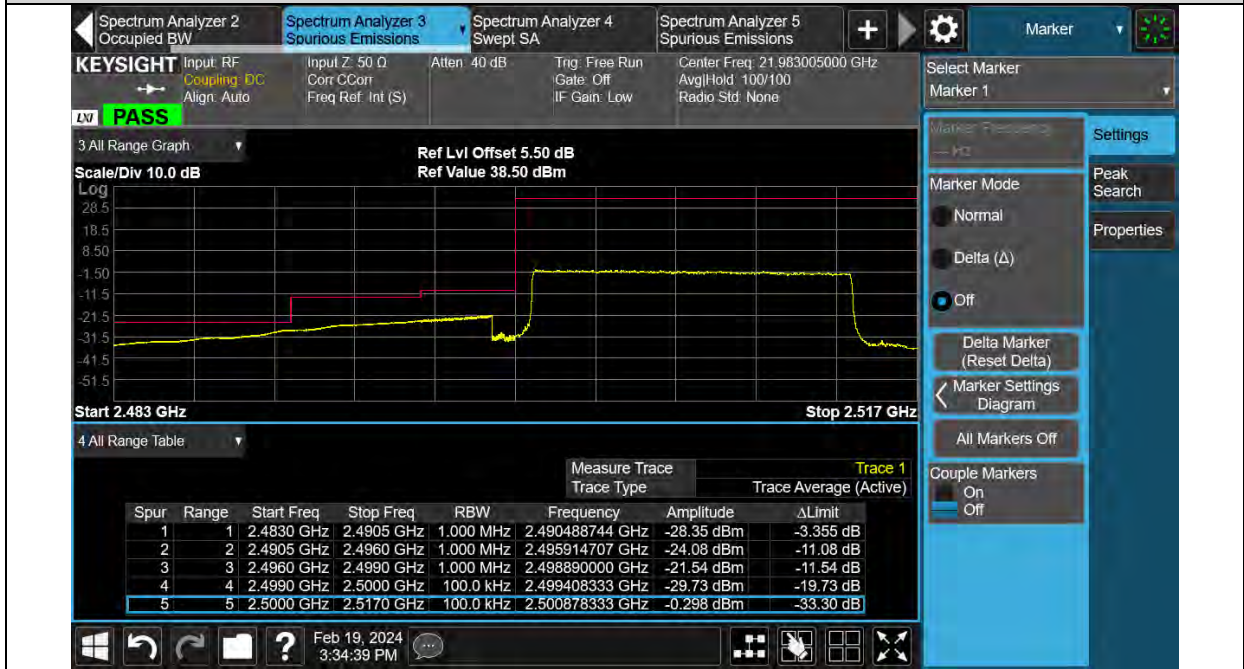


BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



Band7-15MHz-16QAM-20825-75RB#0

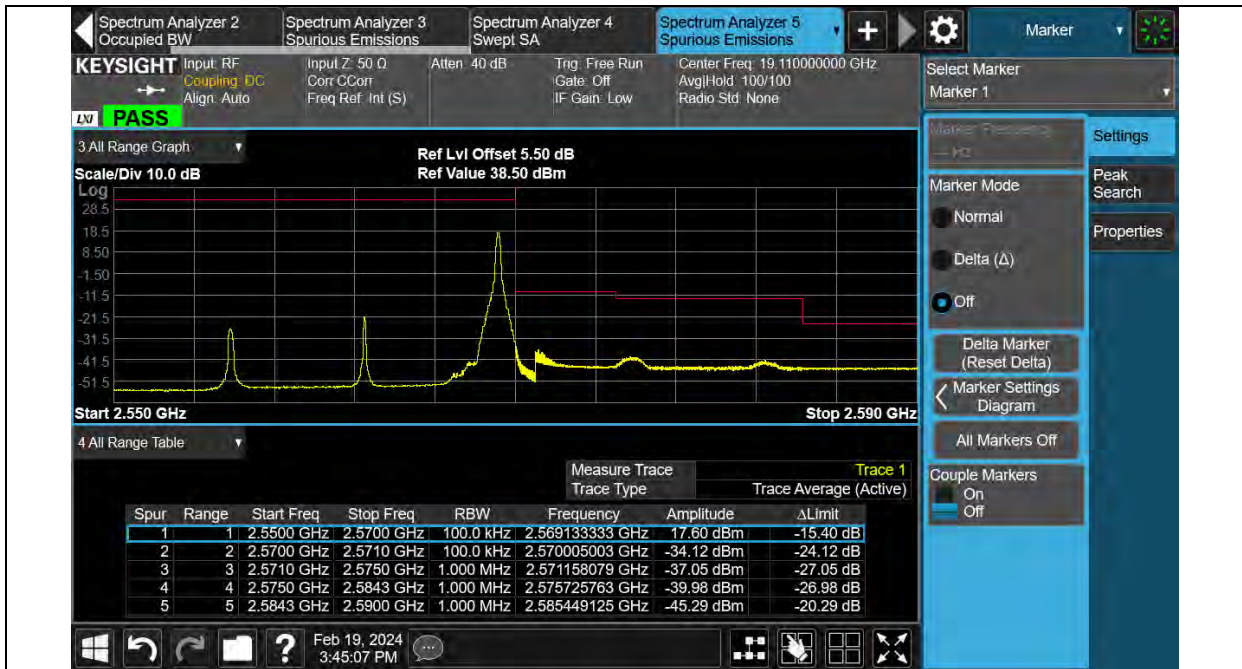


Band7-15MHz-16QAM-21375-1RB#74



BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



Band7-15MHz-16QAM-21375-75RB#0

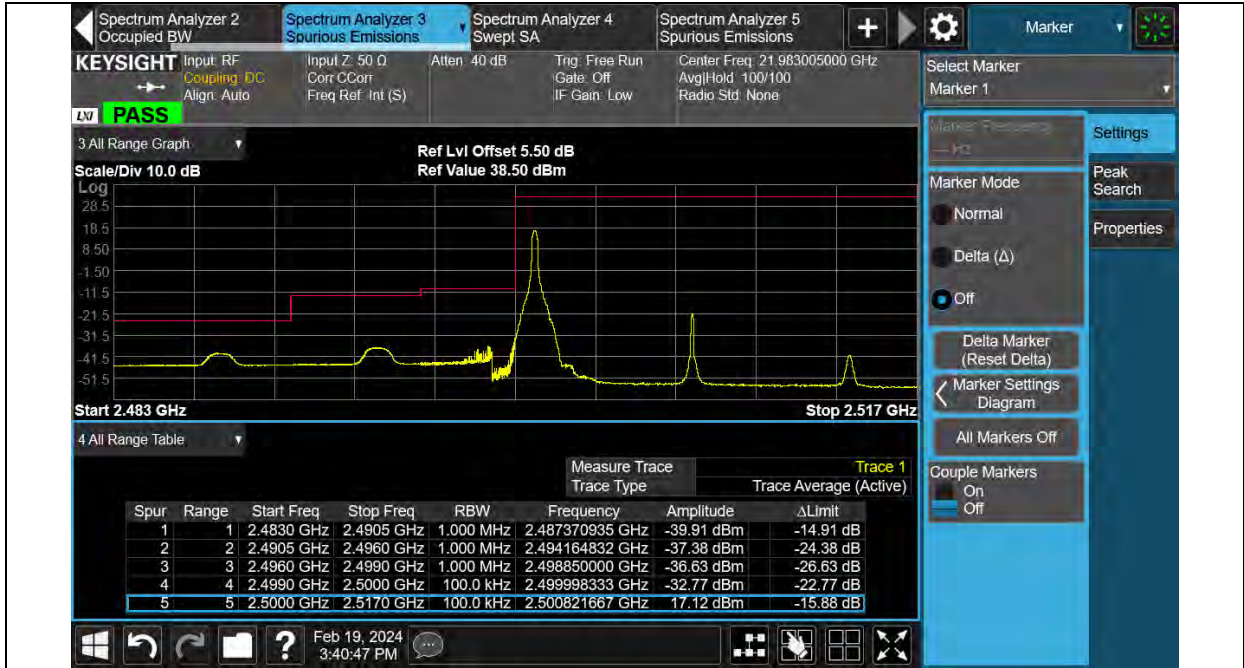


Band7-15MHz-64QAM-20825-1RB#0

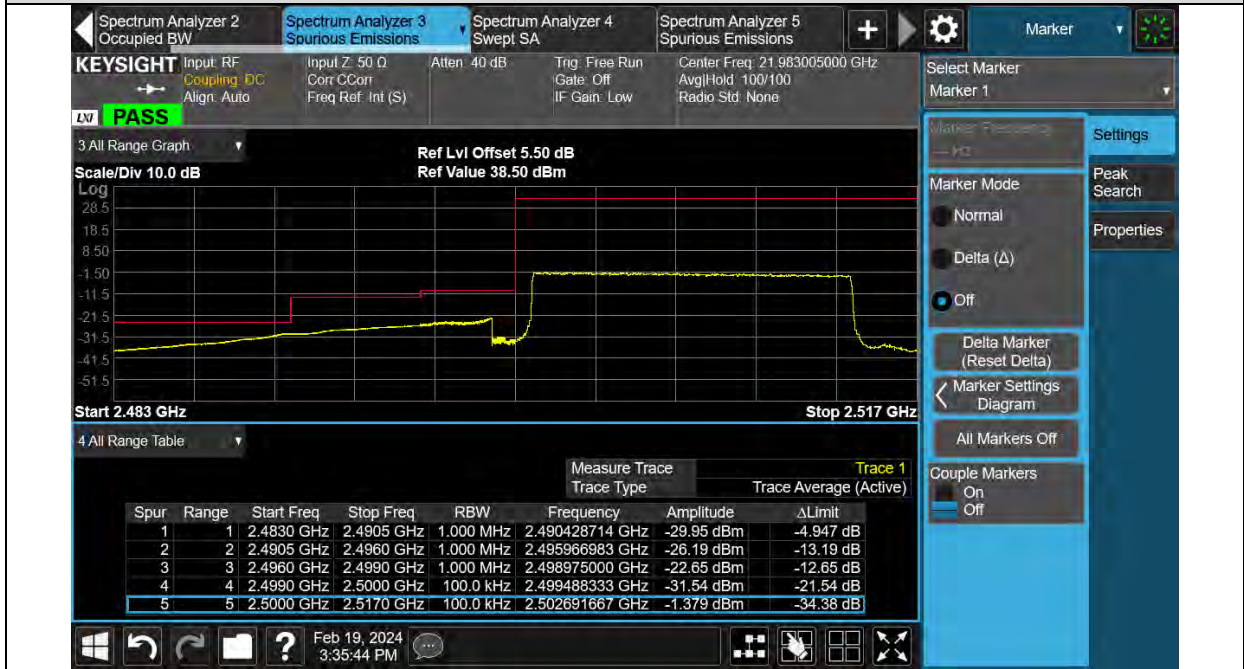


BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



Band7-15MHz-64QAM-20825-75RB#0

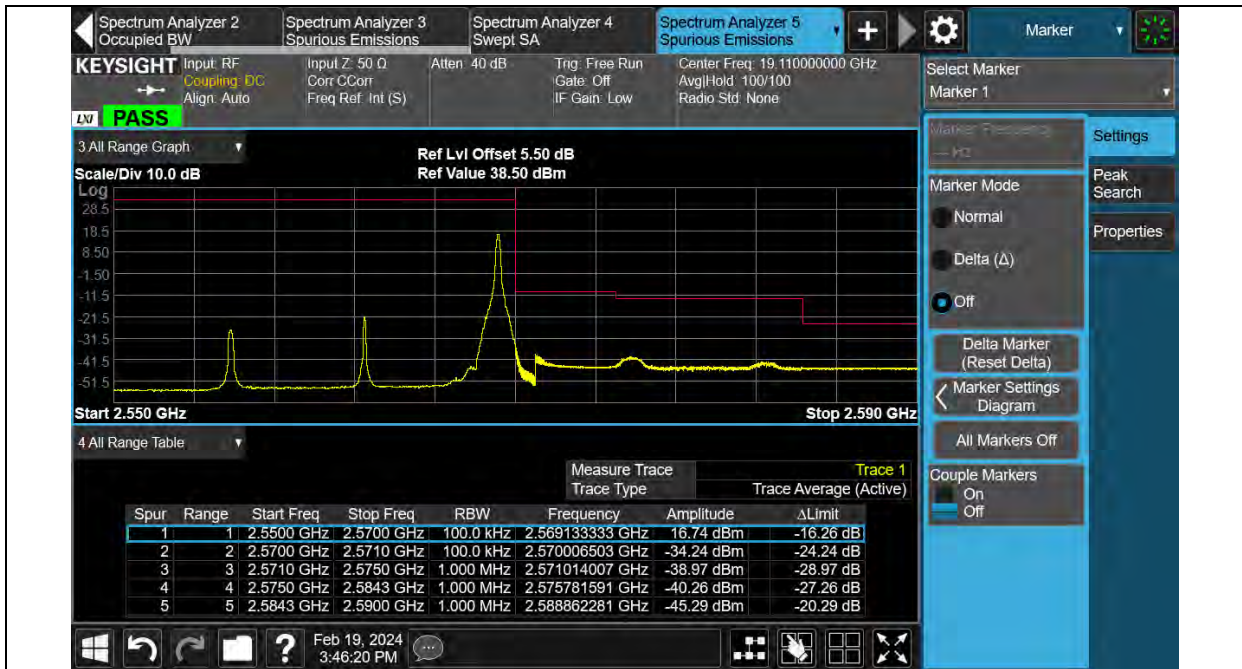


Band7-15MHz-64QAM-21375-1RB#74



BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



Band7-15MHz-64QAM-21375-75RB#0

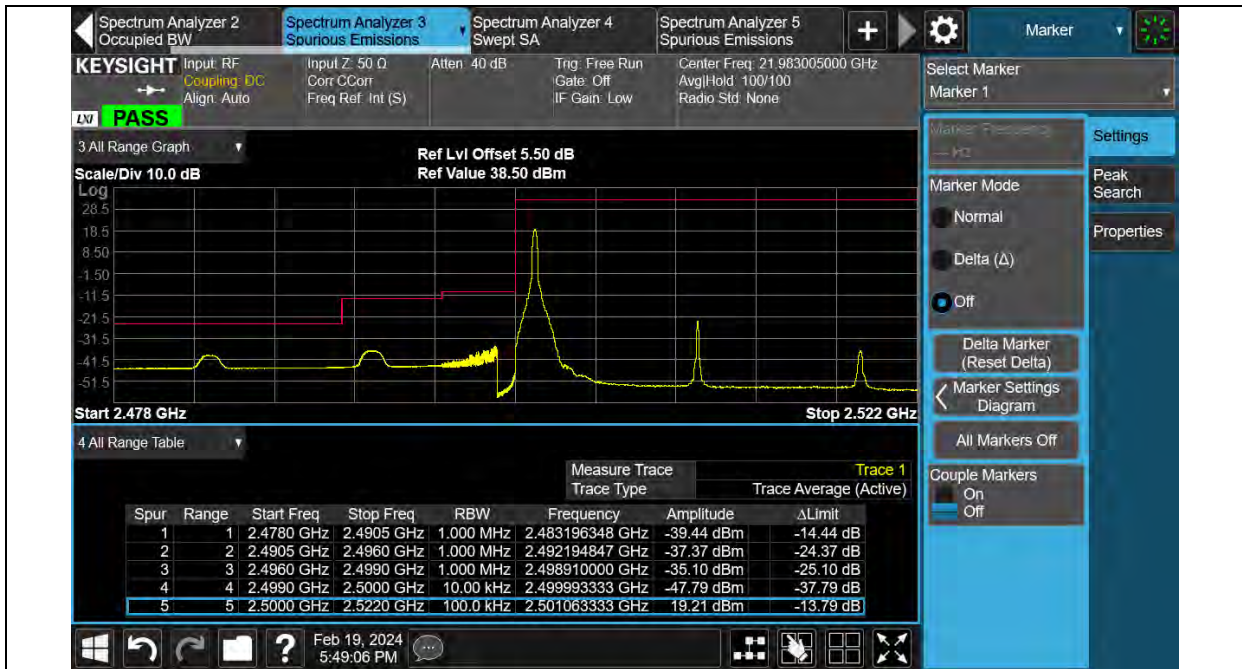


Band7-20MHz-QPSK-20850-1RB#0

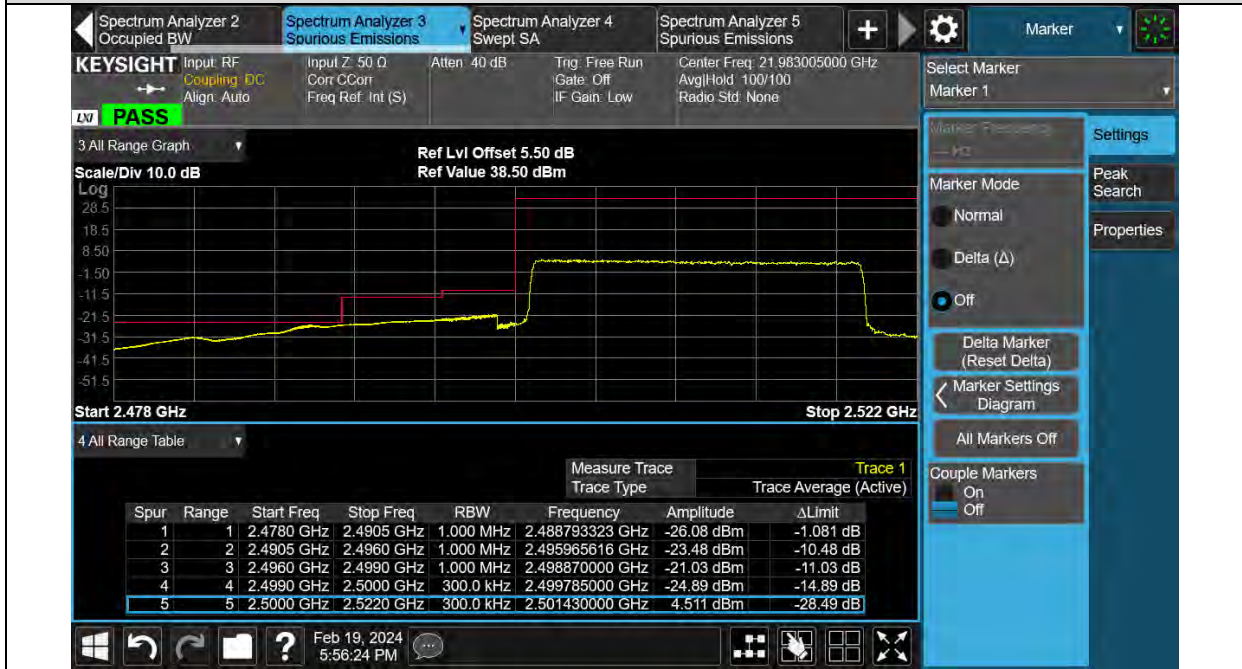


BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



Band7-20MHz-QPSK-20850-100RB#0

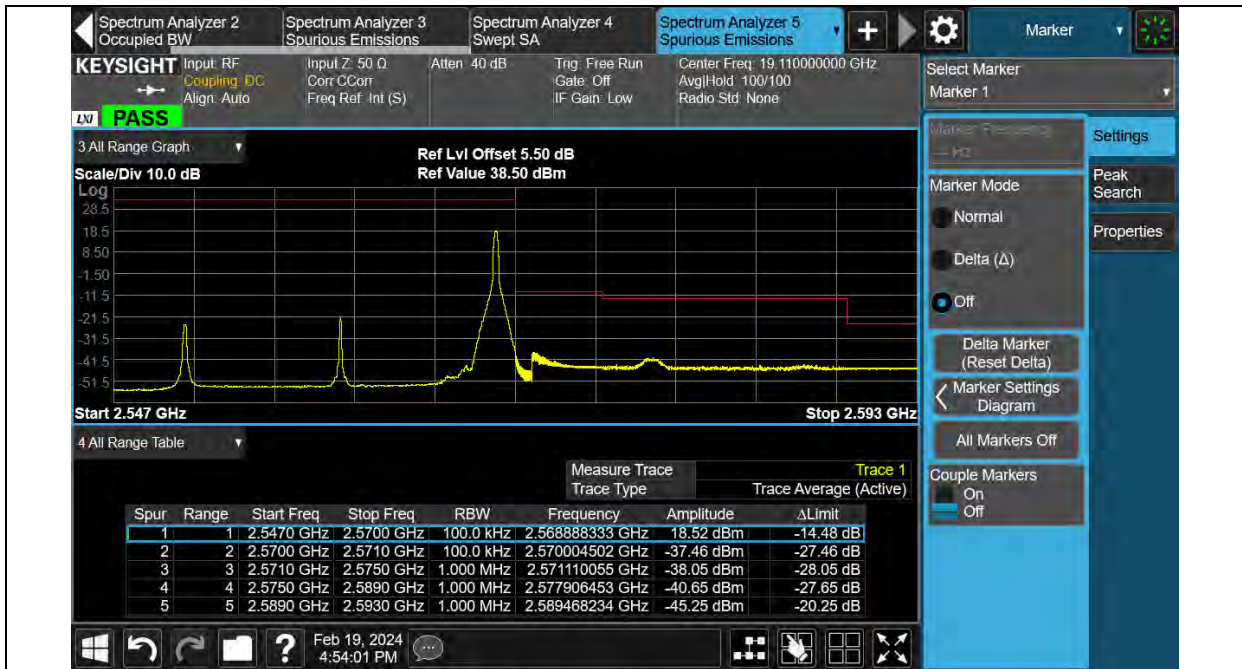


Band7-20MHz-QPSK-21350-1RB#99



BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



Band7-20MHz-QPSK-21350-100RB#0

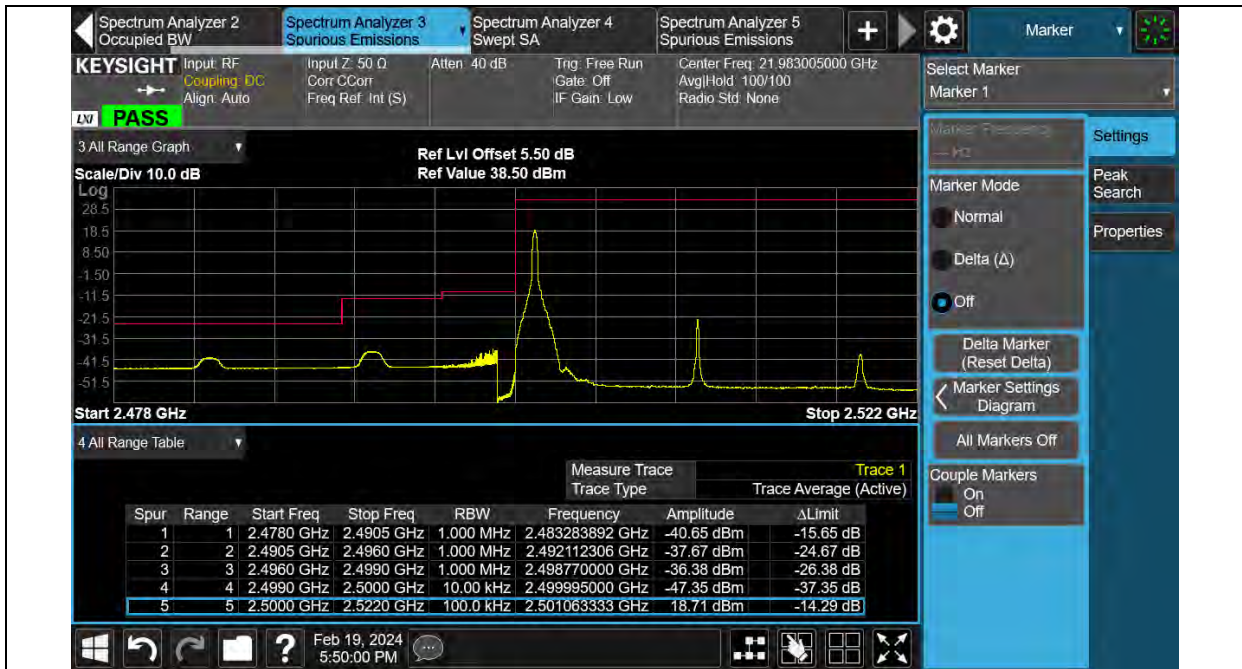


Band7-20MHz-16QAM-20850-1RB#0

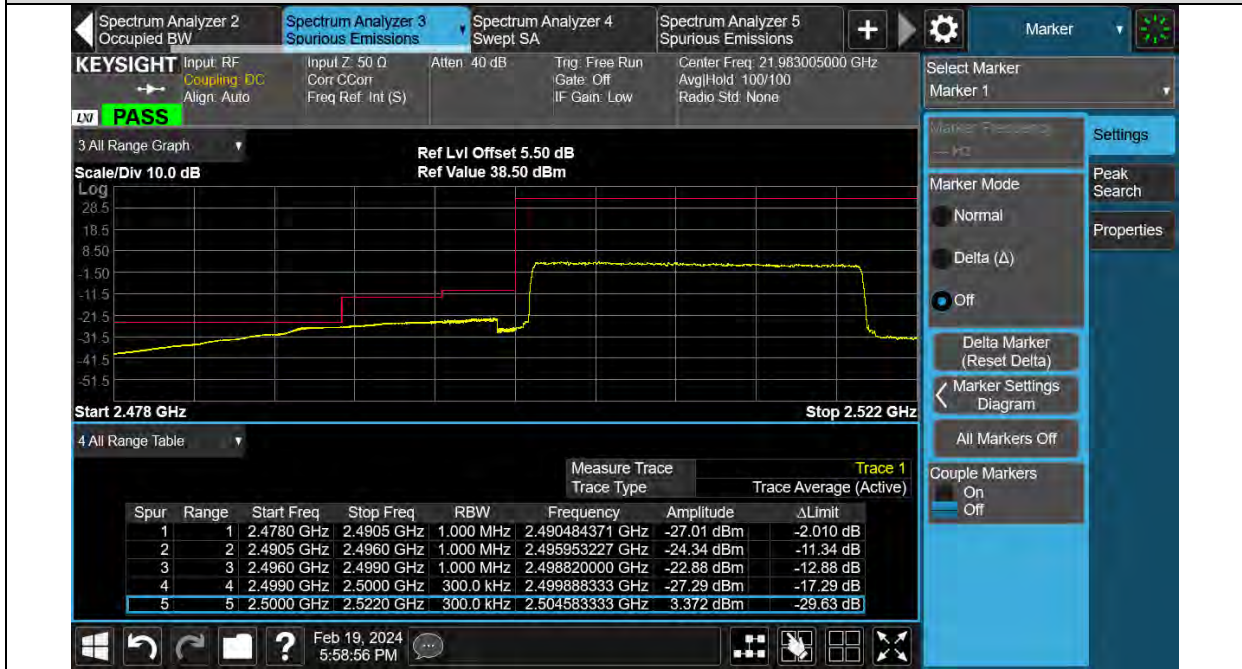


BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



Band7-20MHz-16QAM-20850-100RB#0

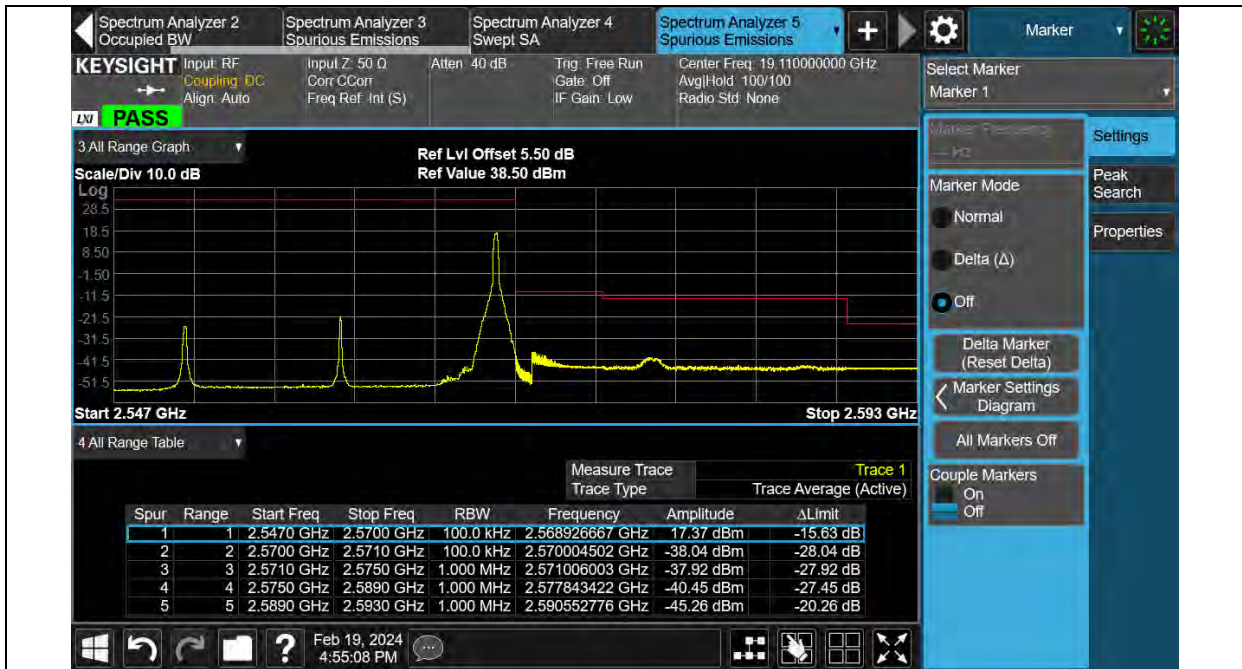


Band7-20MHz-16QAM-21350-1RB#99



BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



Band7-20MHz-16QAM-21350-100RB#0

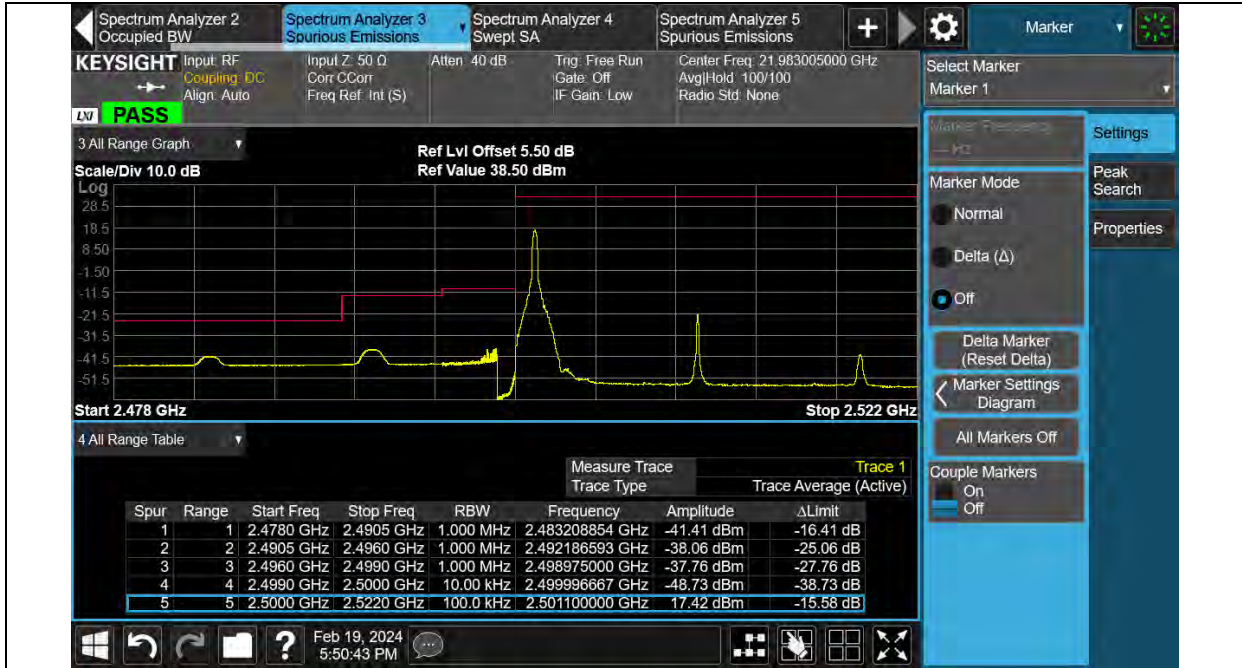


Band7-20MHz-64QAM-20850-1RB#0

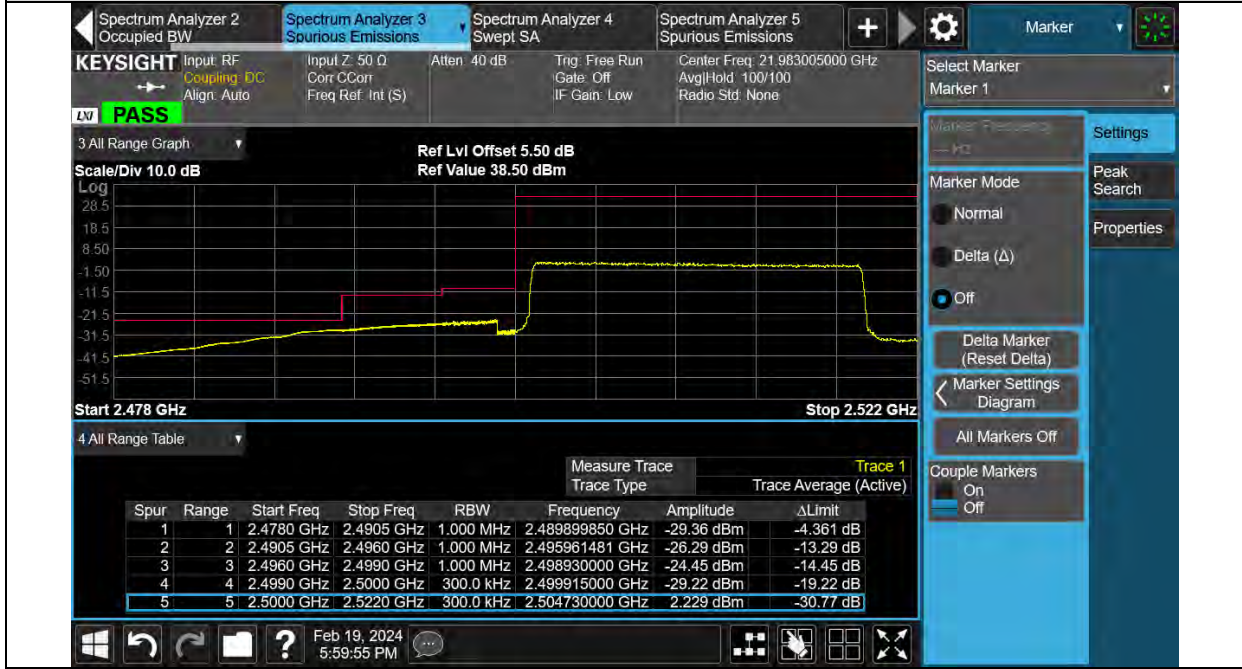


BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



Band7-20MHz-64QAM-20850-100RB#0

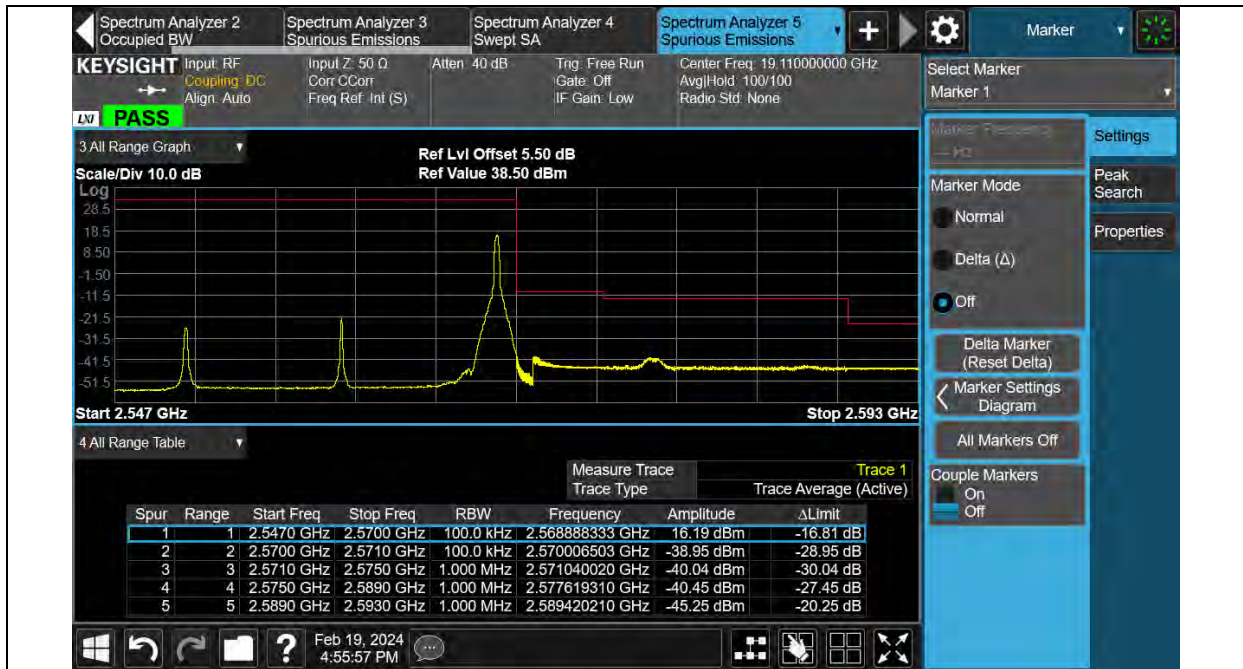


Band7-20MHz-64QAM-21350-1RB#99



BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



Band7-20MHz-64QAM-21350-100RB#0





CONDUCTED SPURIOUS EMISSION

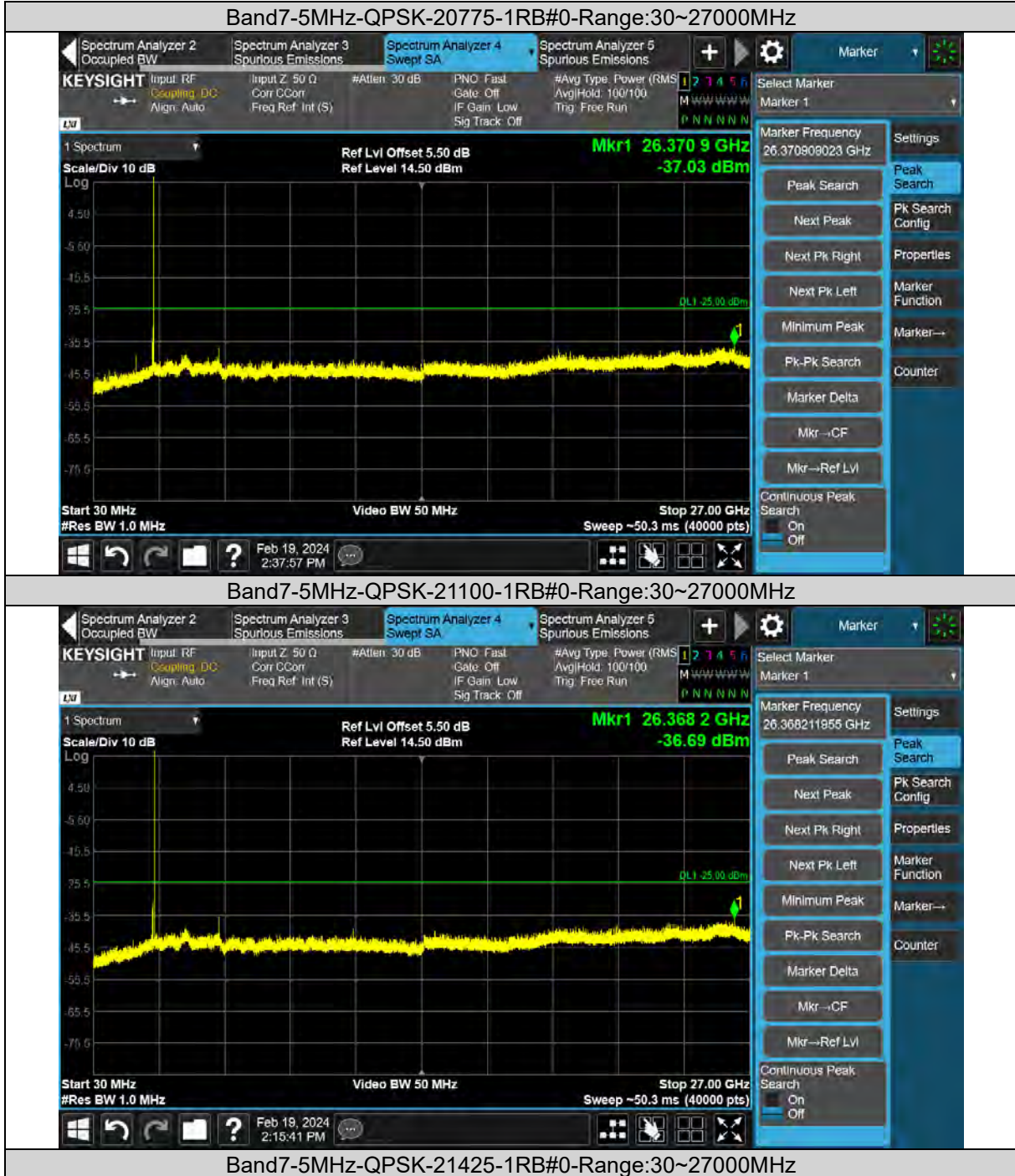
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	5MHz	64QAM	20775	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	5MHz	64QAM	21100	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	5MHz	64QAM	21425	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	10MHz	64QAM	20800	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	10MHz	64QAM	21100	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	10MHz	64QAM	21400	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	15MHz	64QAM	20825	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	15MHz	64QAM	21100	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	15MHz	64QAM	21375	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	20MHz	64QAM	20850	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	20MHz	64QAM	21100	1RB#0	Range:30~27000MHz	See Graph	PASS
Band7	20MHz	64QAM	21350	1RB#0	Range:30~27000MHz	See Graph	PASS



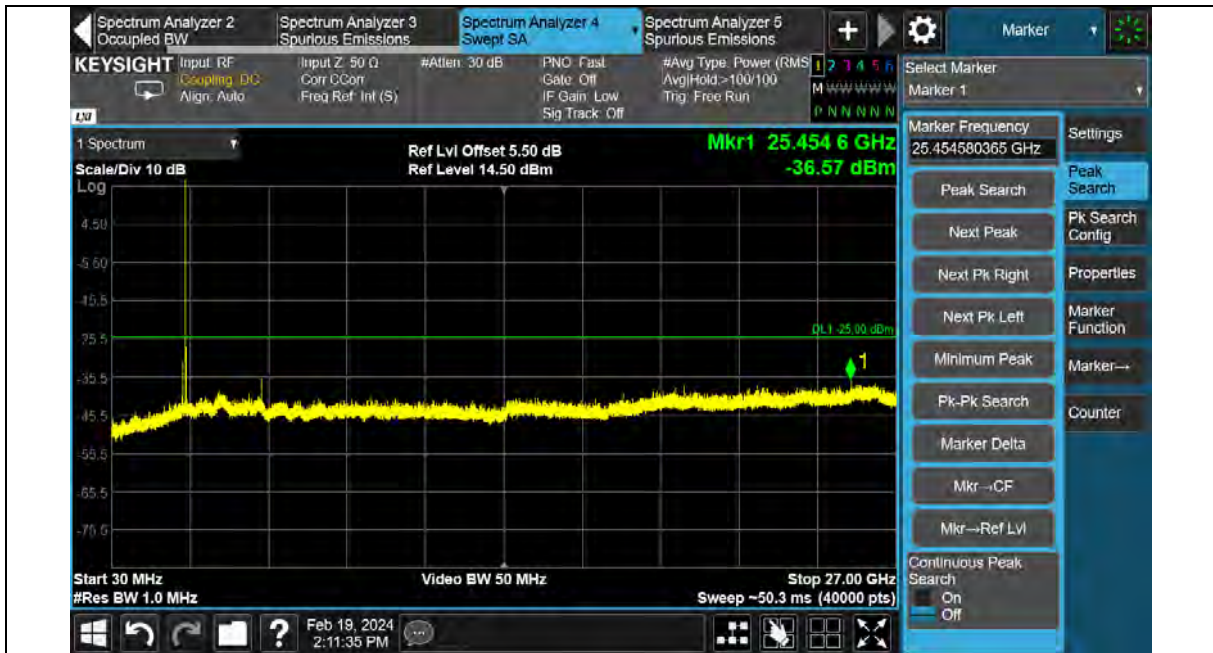
Test Report No.: PSU-QSU2312200110RF03

Test Graphs





Test Report No.: PSU-QSU2312200110RF03



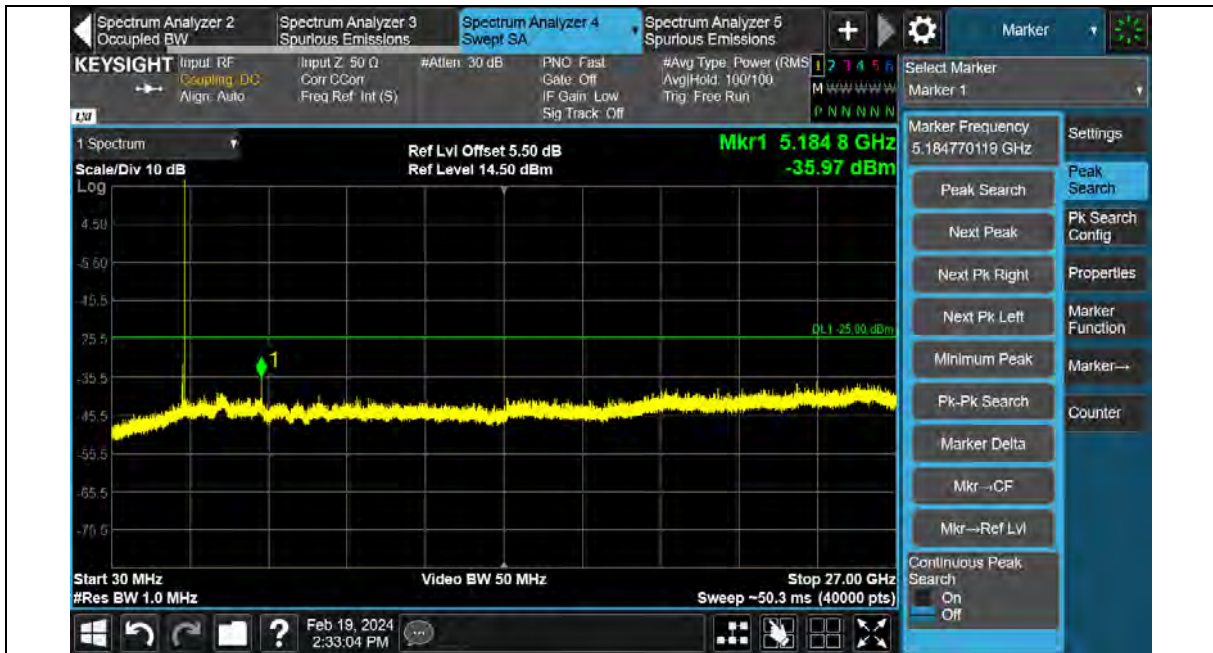
Band7-5MHz-16QAM-20775-1RB#0-Range:30~27000MHz



Band7-5MHz-16QAM-21100-1RB#0-Range:30~27000MHz



Test Report No.: PSU-QSU2312200110RF03



Band7-5MHz-16QAM-21425-1RB#0-Range:30~27000MHz



Band7-5MHz-64QAM-20775-1RB#0-Range:30~27000MHz



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Test Report No.: PSU-QSU2312200110RF03



Band7-5MHz-64QAM-21100-1RB#0-Range:30~27000MHz



Band7-5MHz-64QAM-21425-1RB#0-Range:30~27000MHz

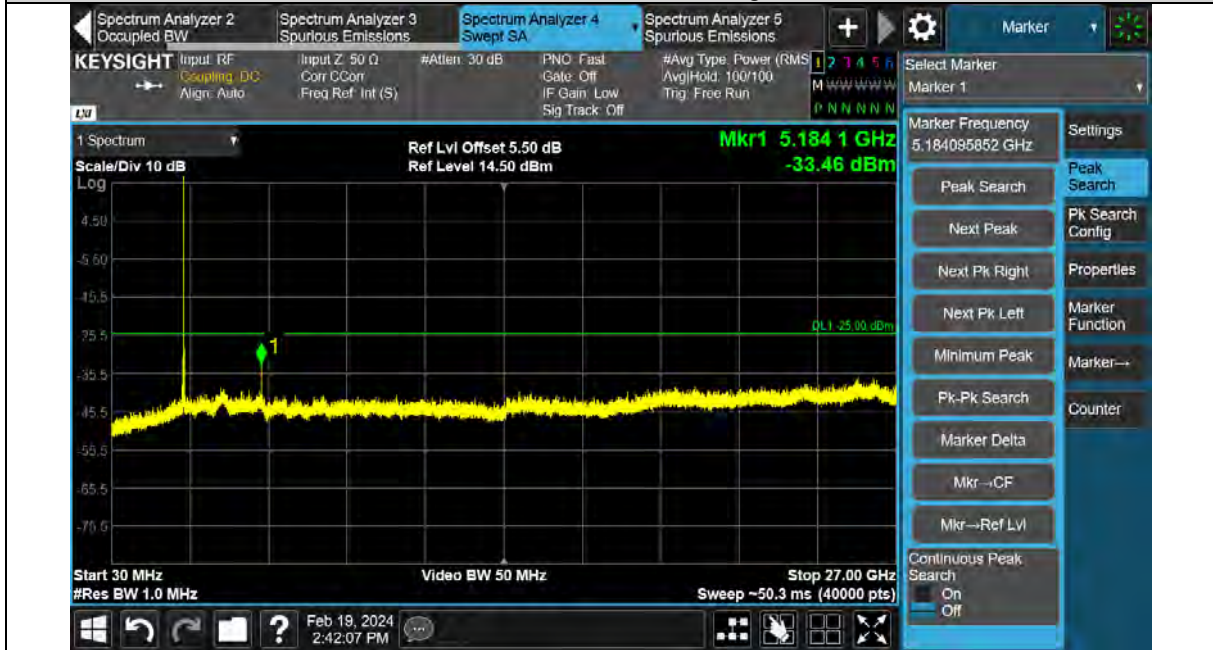


BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



Band7-10MHz-QPSK-20800-1RB#0-Range:30~27000MHz

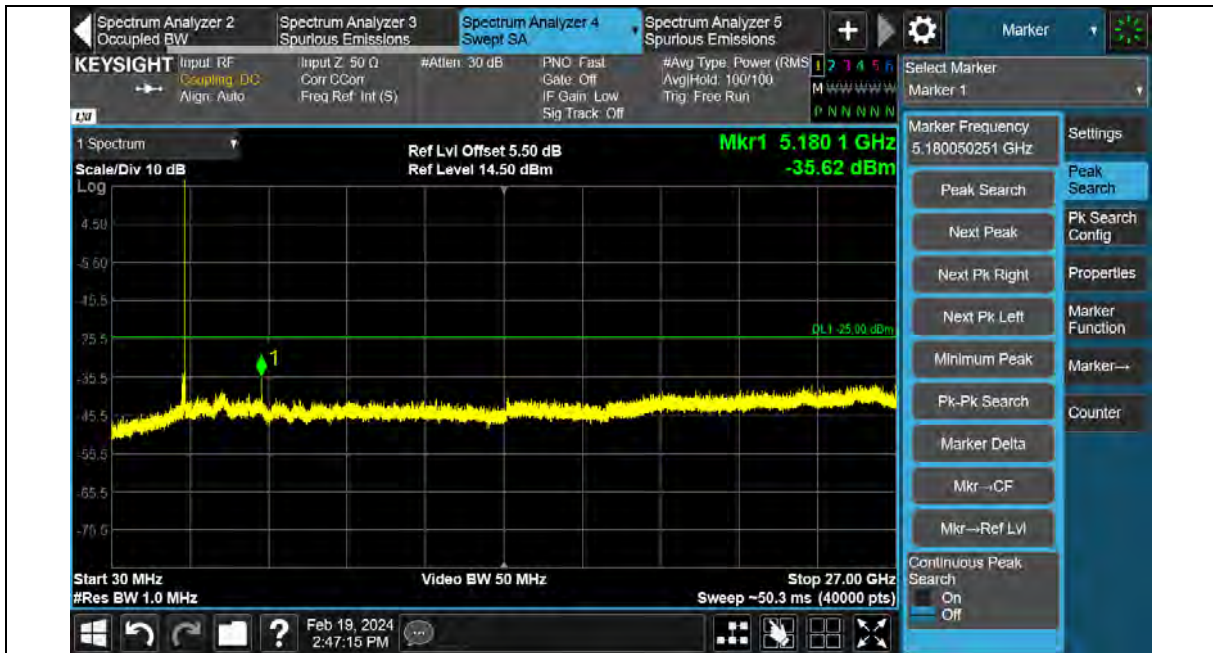


Band7-10MHz-QPSK-21100-1RB#0-Range:30~27000MHz



BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



Band7-10MHz-QPSK-21400-1RB#0-Range:30~27000MHz



Band7-10MHz-16QAM-20800-1RB#0-Range:30~27000MHz

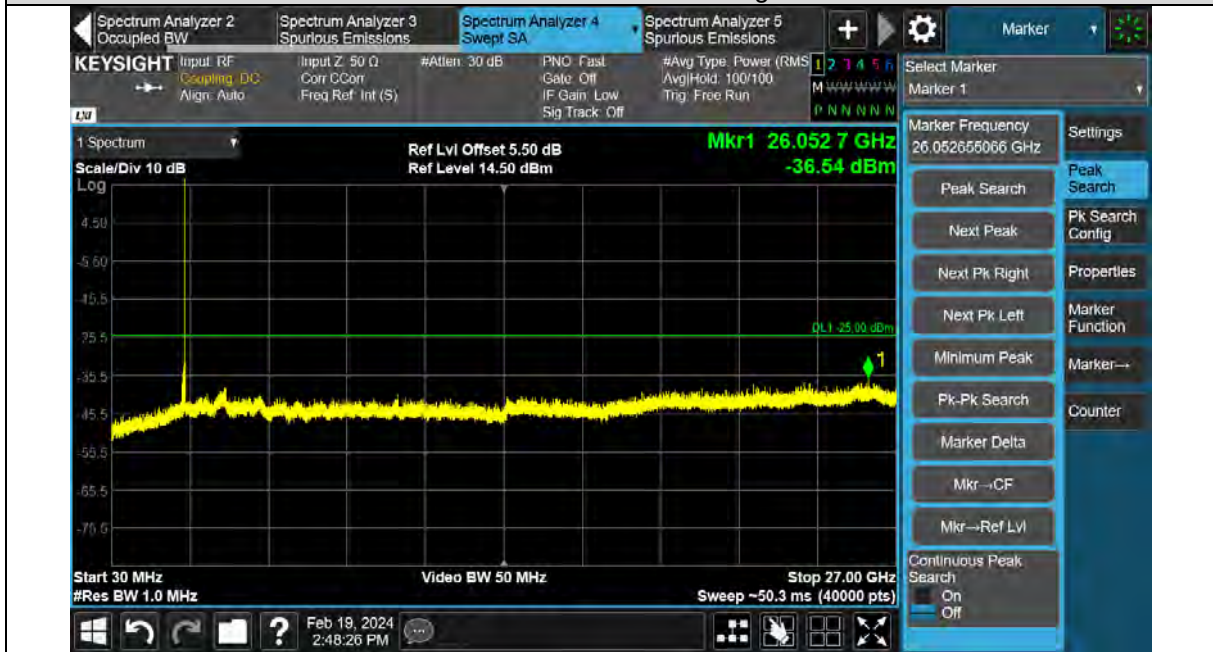


BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



Band7-10MHz-16QAM-21100-1RB#0-Range:30~27000MHz



Band7-10MHz-16QAM-21400-1RB#0-Range:30~27000MHz



Test Report No.: PSU-QSU2312200110RF03



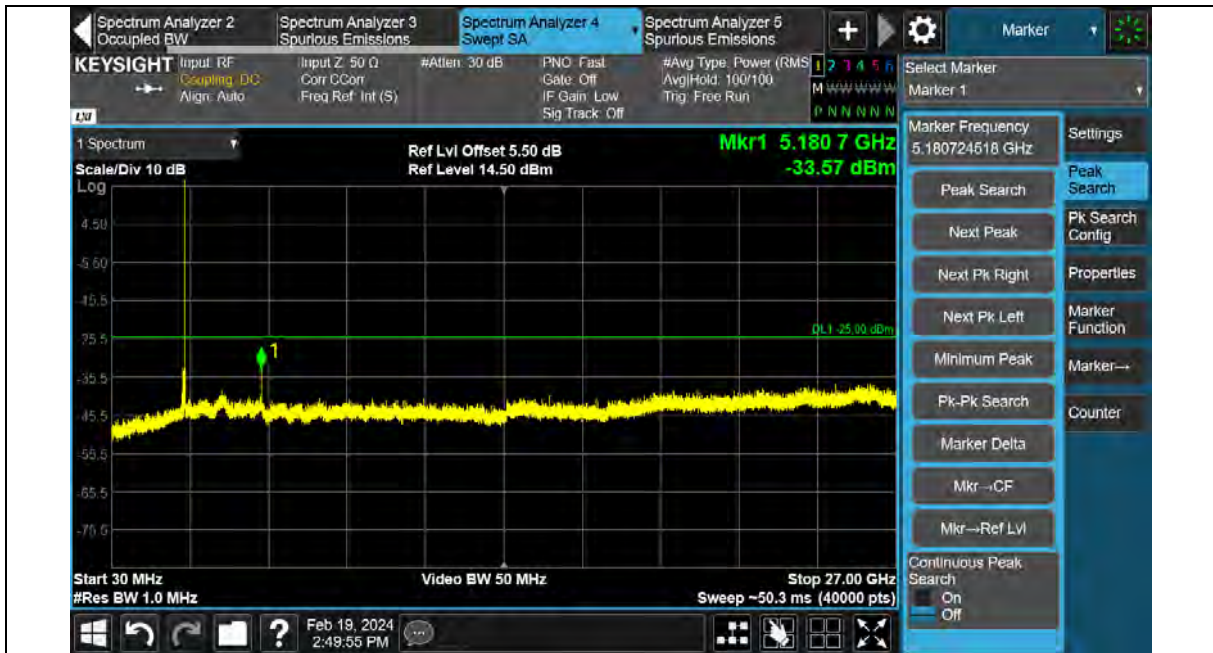
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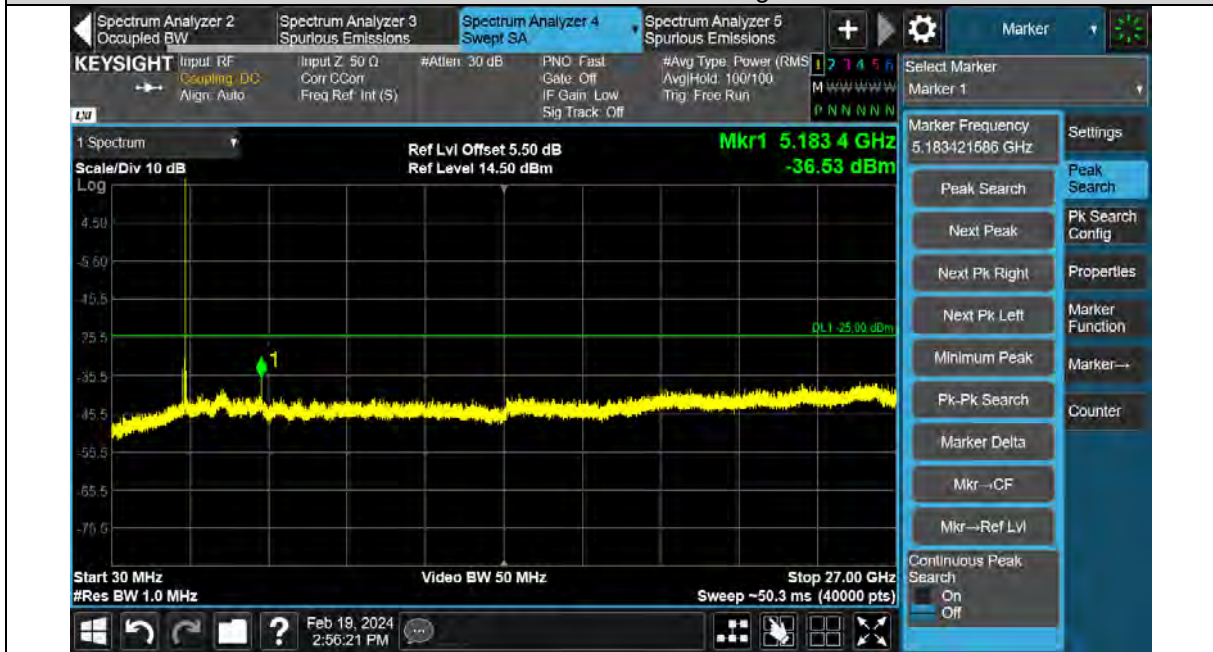
Band7-10MHz-64QAM-21100-1RB#0-Range:30~27000MHz



Test Report No.: PSU-QSU2312200110RF03



Band7-10MHz-64QAM-21400-1RB#0-Range:30~27000MHz



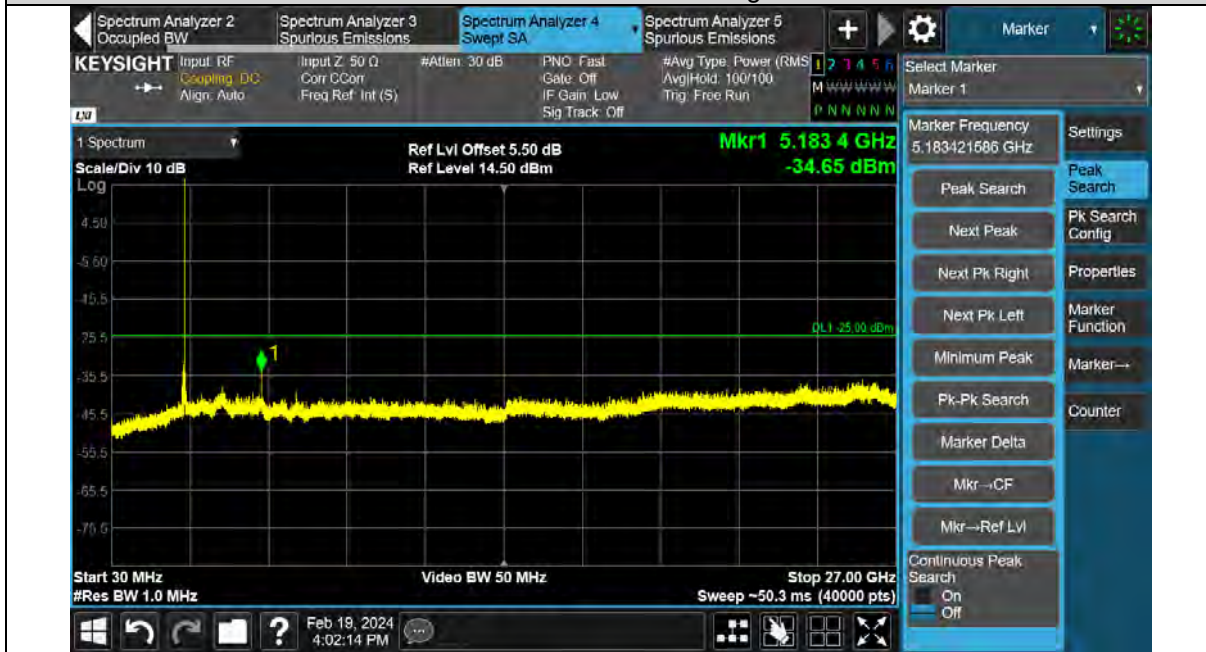
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Test Report No.: PSU-QSU2312200110RF03



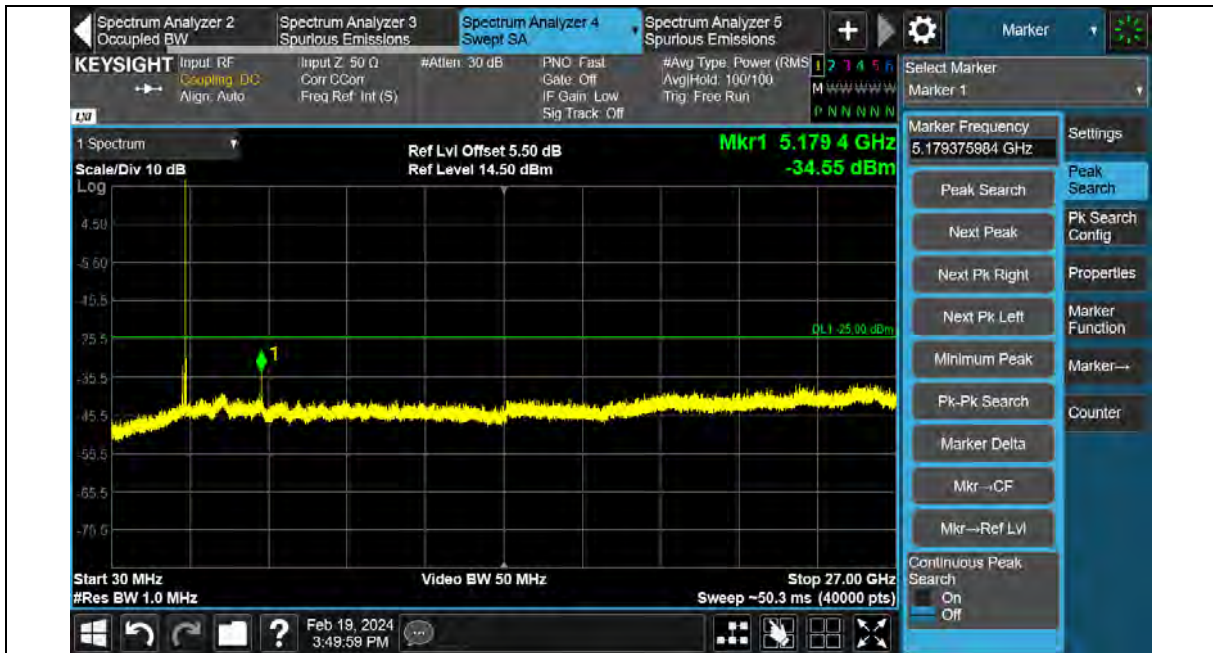
Band7-15MHz-QPSK-21100-1RB#0-Range:30~27000MHz



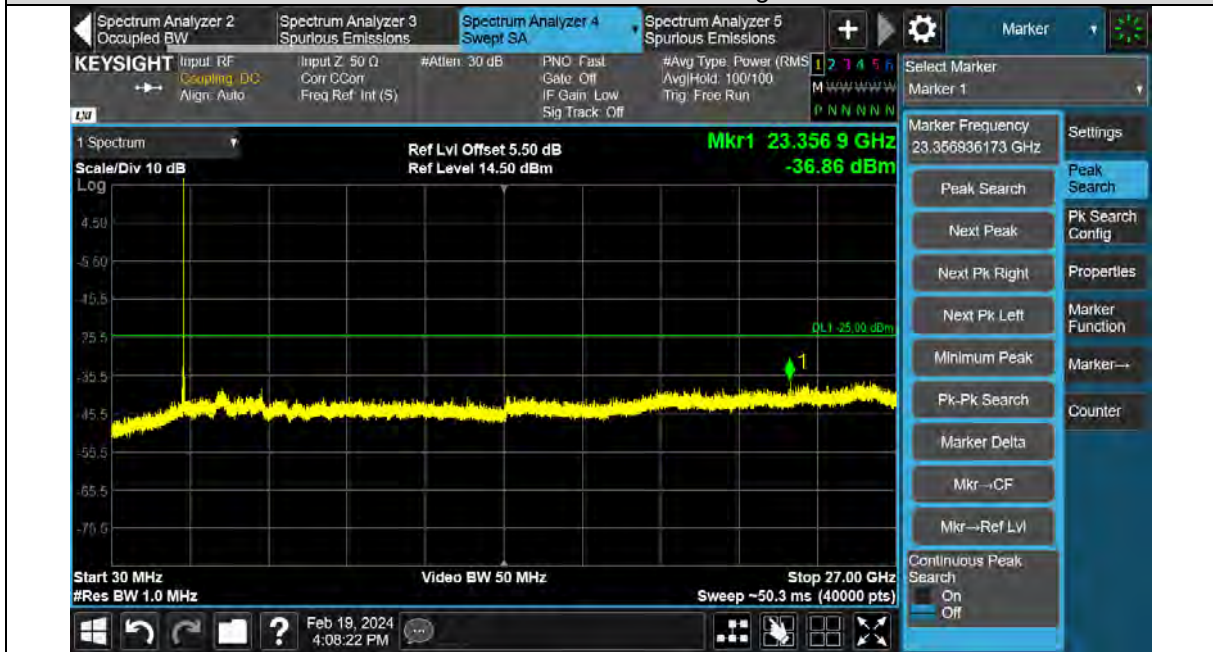
Band7-15MHz-QPSK-21375-1RB#0-Range:30~27000MHz



Test Report No.: PSU-QSU2312200110RF03



Band7-15MHz-16QAM-20825-1RB#0-Range:30~27000MHz

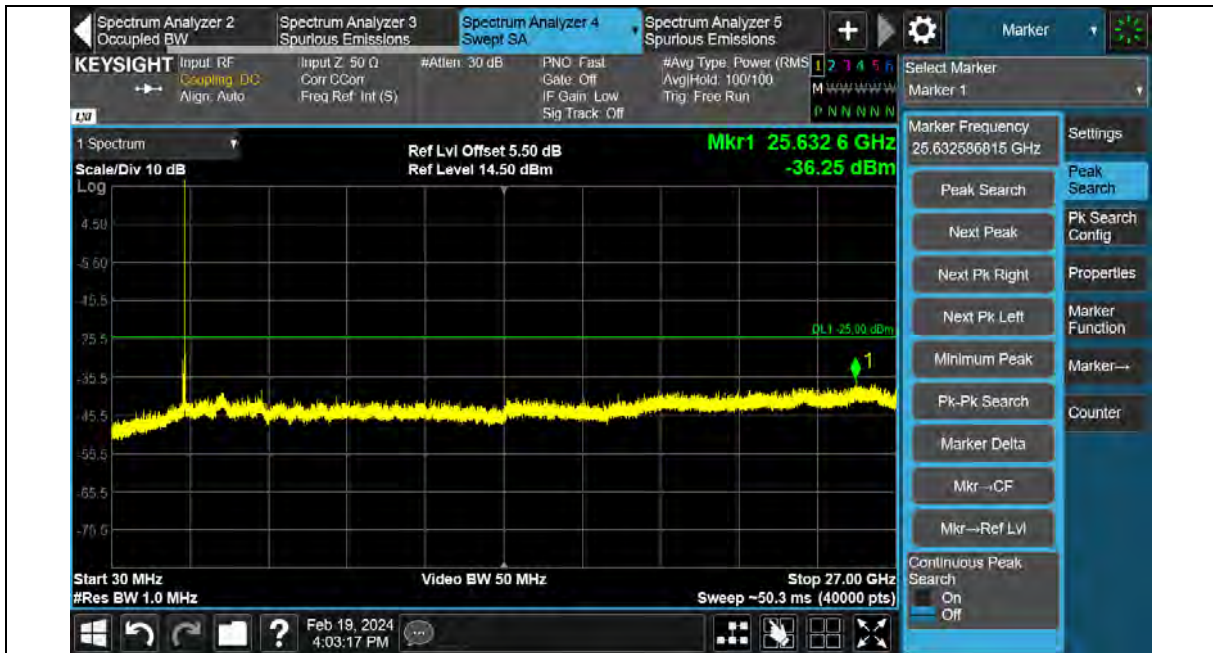


Band7-15MHz-16QAM-21100-1RB#0-Range:30~27000MHz

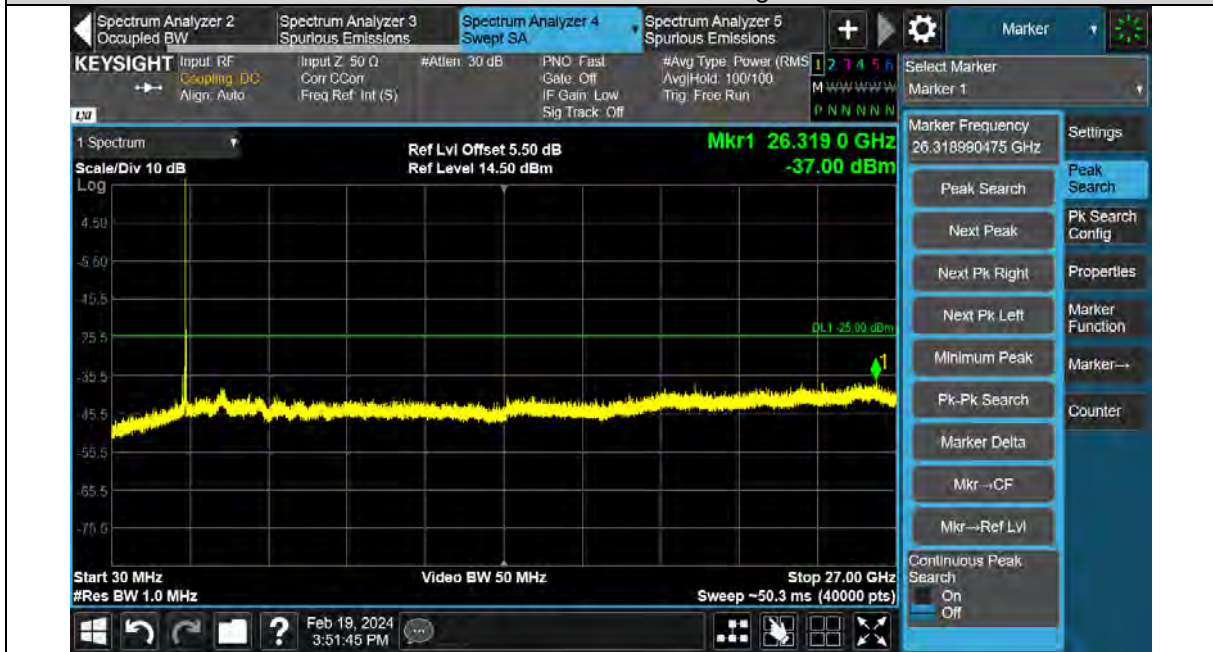


BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



Band7-15MHz-16QAM-21375-1RB#0-Range:30~27000MHz



Band7-15MHz-64QAM-20825-1RB#0-Range:30~27000MHz



BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



Band7-15MHz-64QAM-21100-1RB#0-Range:30~27000MHz



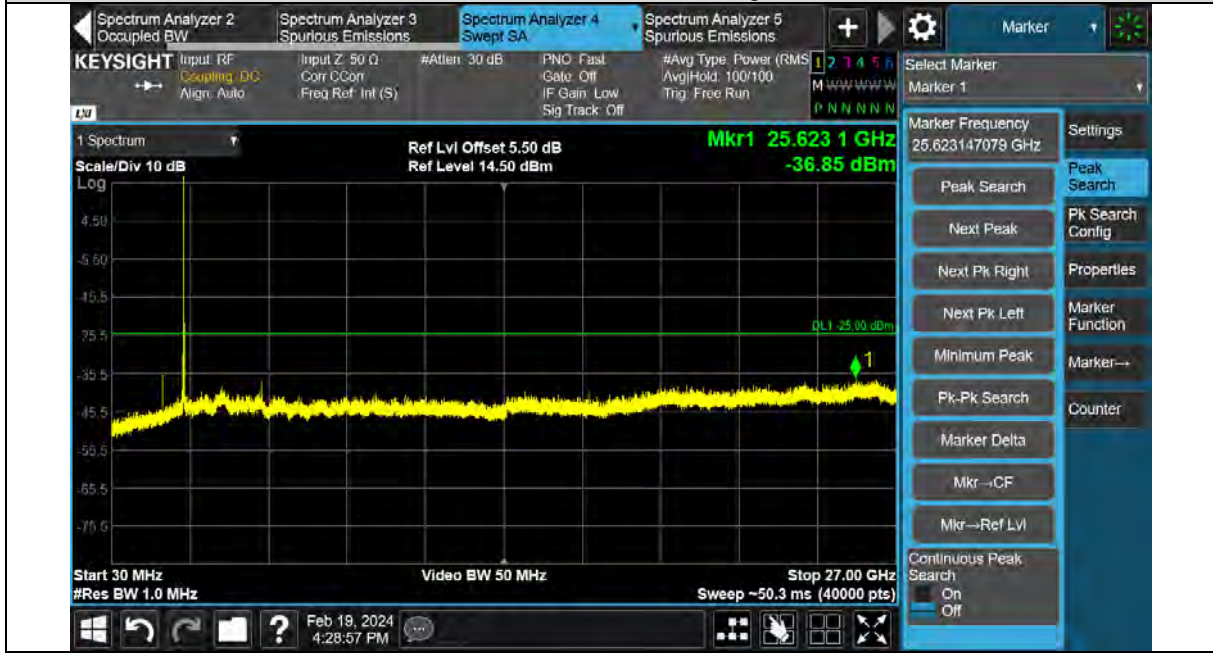
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Test Report No.: PSU-QSU2312200110RF03



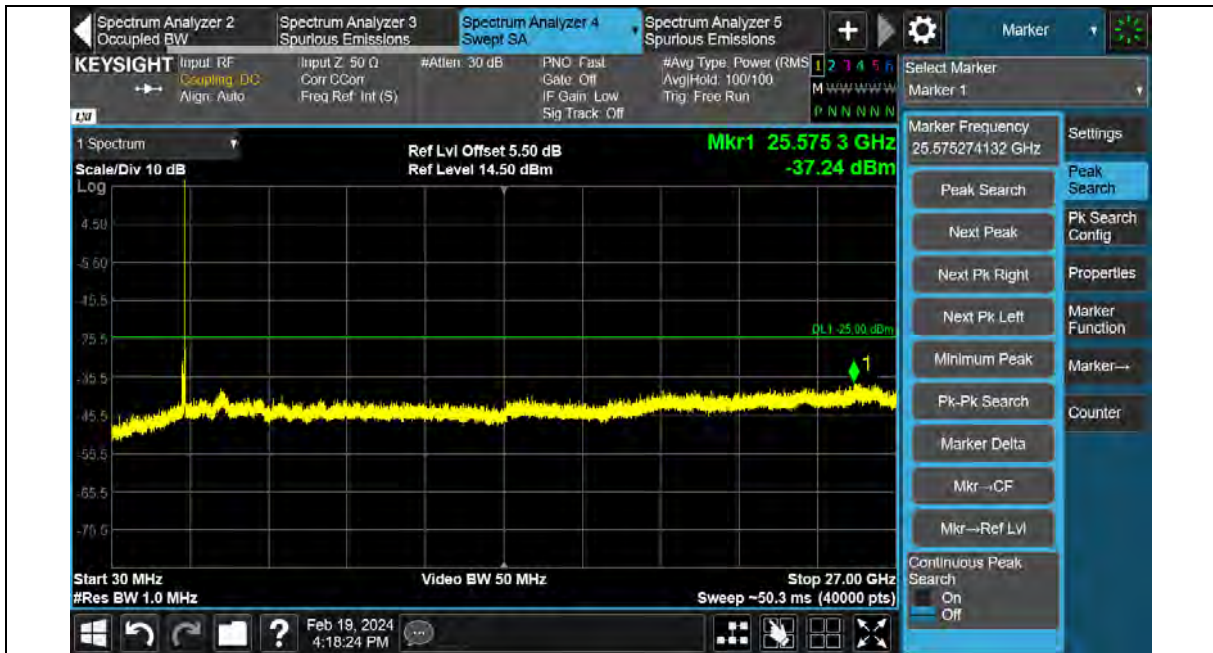
Band7-20MHz-QPSK-20850-1RB#0-Range:30~27000MHz



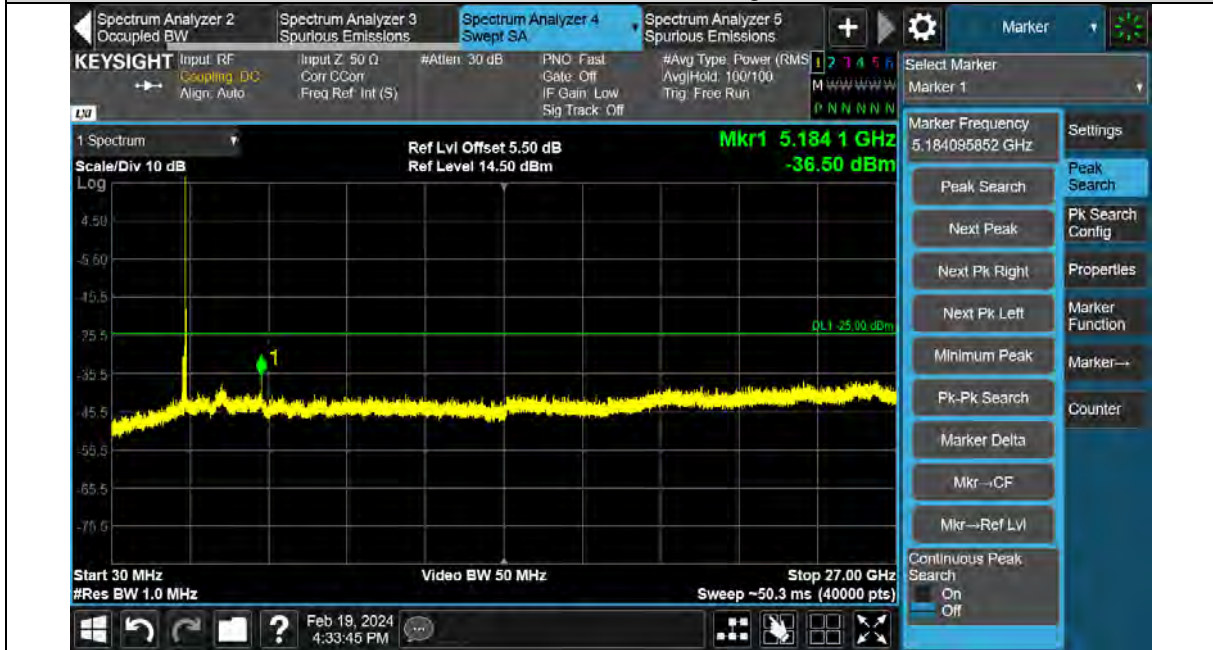
Band7-20MHz-QPSK-21100-1RB#0-Range:30~27000MHz



Test Report No.: PSU-QSU2312200110RF03



Band7-20MHz-QPSK-21350-1RB#0-Range:30~27000MHz



Band7-20MHz-16QAM-20850-1RB#0-Range:30~27000MHz

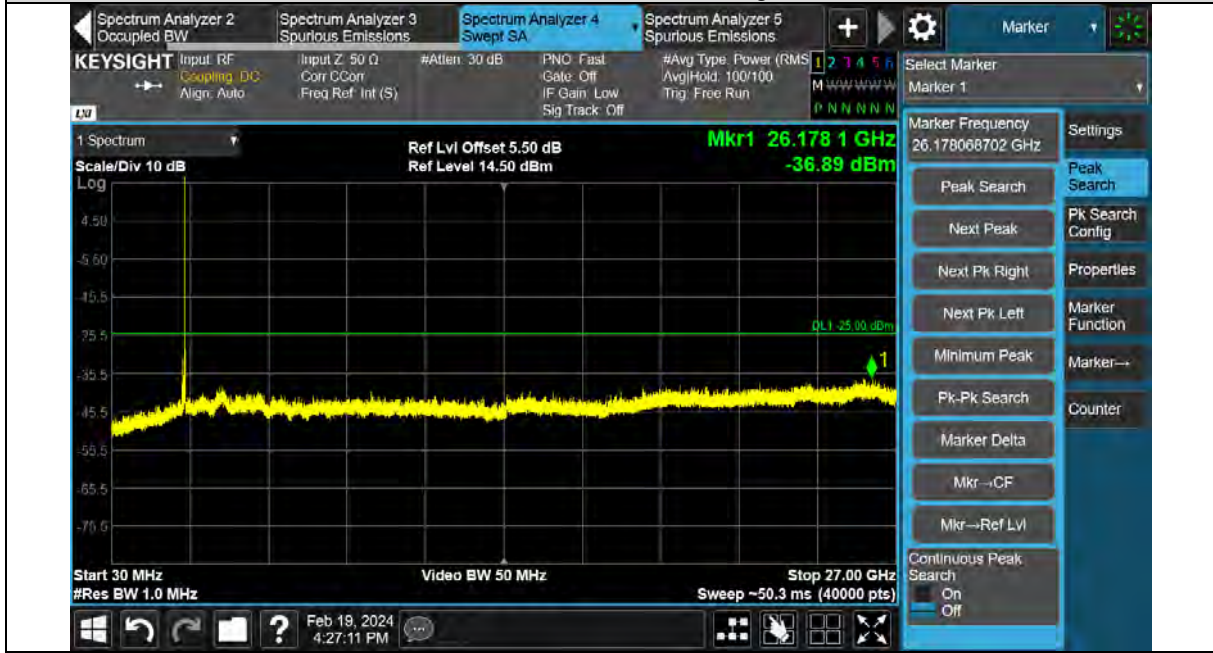


BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



Band7-20MHz-16QAM-21100-1RB#0-Range:30~27000MHz



Band7-20MHz-16QAM-21350-1RB#0-Range:30~27000MHz



BUREAU VERITAS

Test Report No.: PSU-QSU2312200110RF03



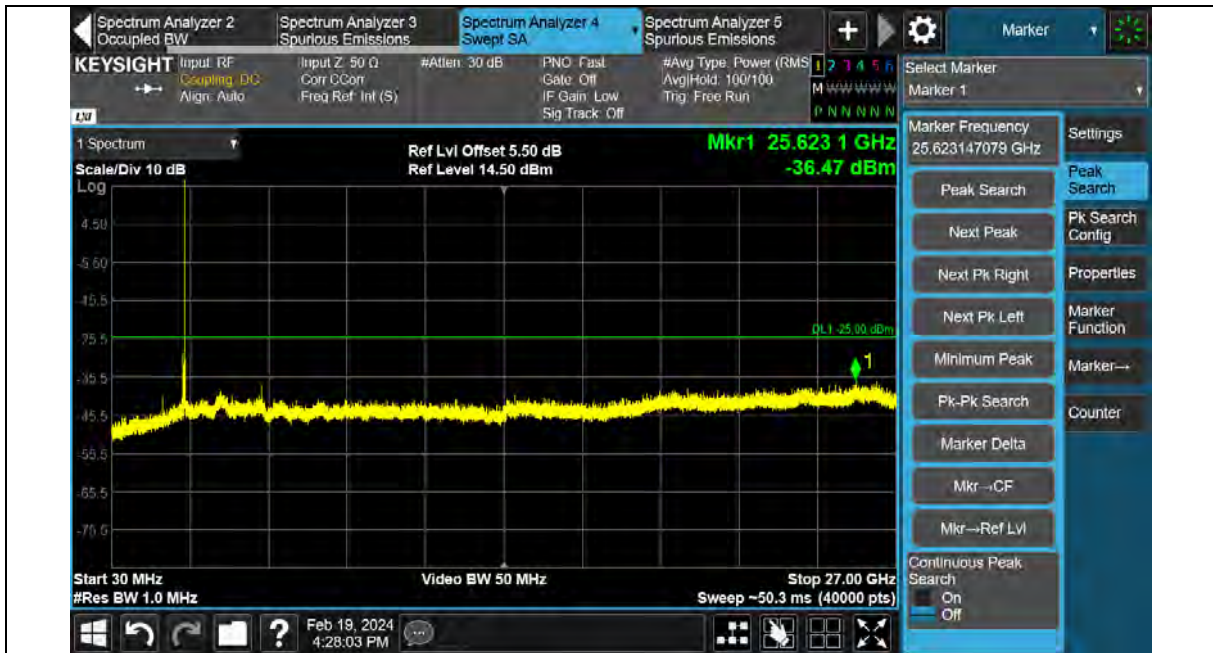
Band7-20MHz-64QAM-20850-1RB#0-Range:30~27000MHz



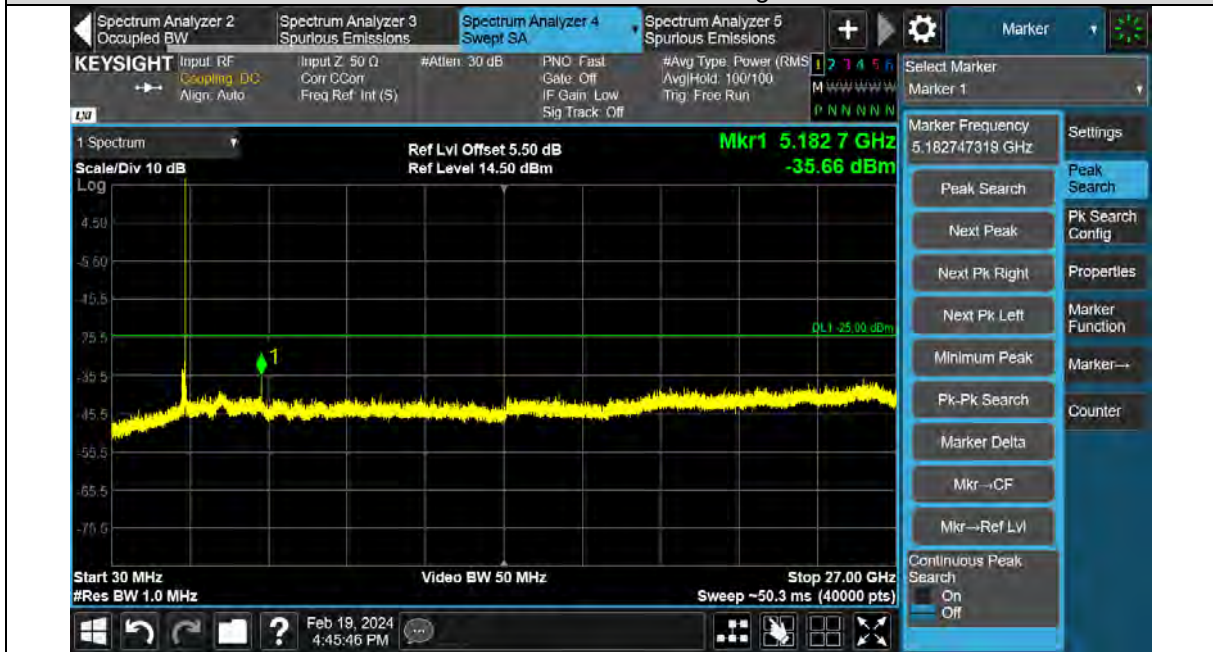
Band7-20MHz-64QAM-21100-1RB#0-Range:30~27000MHz



Test Report No.: PSU-QSU2312200110RF03



Band7-20MHz-64QAM-21350-1RB#0-Range:30~27000MHz





FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	4.5	0.001793	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-12.9	-0.005139	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	-8.6	-0.003426	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	7.6	0.002998	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	17.7	0.006982	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-0.8	-0.000316	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	15.5	0.006055	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	-1.4	-0.000547	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-4.5	-0.001758	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	2.5	0.000996	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	-0.2	-0.000080	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	8.9	0.003546	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	3.4	0.001341	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	5.8	0.002288	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	1.4	0.000552	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	4.7	0.001836	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	1.5	0.000586	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	17.7	0.006914	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	4.5	0.001793	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	-12.9	-0.005139	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	-8.6	-0.003426	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	7.6	0.002998	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	17.7	0.006982	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	-0.8	-0.000316	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	15.5	0.006055	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	-1.4	-0.000547	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	-4.5	-0.001758	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	32.4	0.012908	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	24.5	0.009761	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	-29.1	-0.011594	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	-0.6	-0.000239	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	14.4	0.005737	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	17.3	0.006892	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	-19.7	-0.007849	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	-22.1	-0.008805	±2.5	PASS



Test Report No.: PSU-QSU2312200110RF03

Band7	20MHz	QPSK	20850	100RB#0	NV	50	14.6	0.005817	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	16.5	0.006509	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	26.9	0.010611	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-22.1	-0.008718	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-8.5	-0.003353	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-27.2	-0.010730	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-25.6	-0.010099	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	10.1	0.003984	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-20.5	-0.008087	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-23.1	-0.009112	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	-0.8	-0.000313	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	28.1	0.010977	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	-1.9	-0.000742	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-12.3	-0.004805	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	-12.5	-0.004883	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	21	0.008203	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	22.3	0.008711	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-6.2	-0.002422	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	-13.8	-0.005391	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	18.2	0.007251	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	-7	-0.002789	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-10	-15.7	-0.006255	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	12.4	0.004940	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	27.2	0.010837	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	5	0.001992	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	26.5	0.010558	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	13.9	0.005538	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	3.1	0.001235	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-23.7	-0.009349	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	22.3	0.008797	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-10	9.3	0.003669	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	24.7	0.009744	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-24.6	-0.009704	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-13.1	-0.005168	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	9.2	0.003629	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	-3.7	-0.001460	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	6.4	0.002525	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	6.4	0.002500	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	19.1	0.007461	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-10	-23.1	-0.009023	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	-23.2	-0.009063	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	33.4	0.013047	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	14.2	0.005547	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	4.2	0.001641	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	-0.2	-0.000078	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	-22.1	-0.008633	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	-23.3	-0.009283	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	-27	-0.010757	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-10	-22.9	-0.009124	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	10.9	0.004343	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	14.6	0.005817	±2.5	PASS



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Band7	20MHz	64QAM	20850	100RB#0	NV	20	-0.8	-0.000319	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	30	1.8	0.000717	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	40	-5.4	-0.002151	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	50	6.6	0.002629	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	-0.8	-0.000316	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	22.3	0.008797	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-10	17.5	0.006903	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	-9.2	-0.003629	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	-3.3	-0.001302	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	0.7	0.000276	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	30	-21.9	-0.008639	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	40	-16.3	-0.006430	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	50	4.4	0.001736	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	22.4	0.008750	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	-20.9	-0.008164	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-10	3.4	0.001328	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	0	-23.7	-0.009258	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	33.4	0.013047	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	-27.3	-0.010664	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	30	23.3	0.009102	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	40	10	0.003906	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	50	21	0.008203	±2.5	PASS



LTE BAND12 (INDCLUDING LTE BAND17)

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

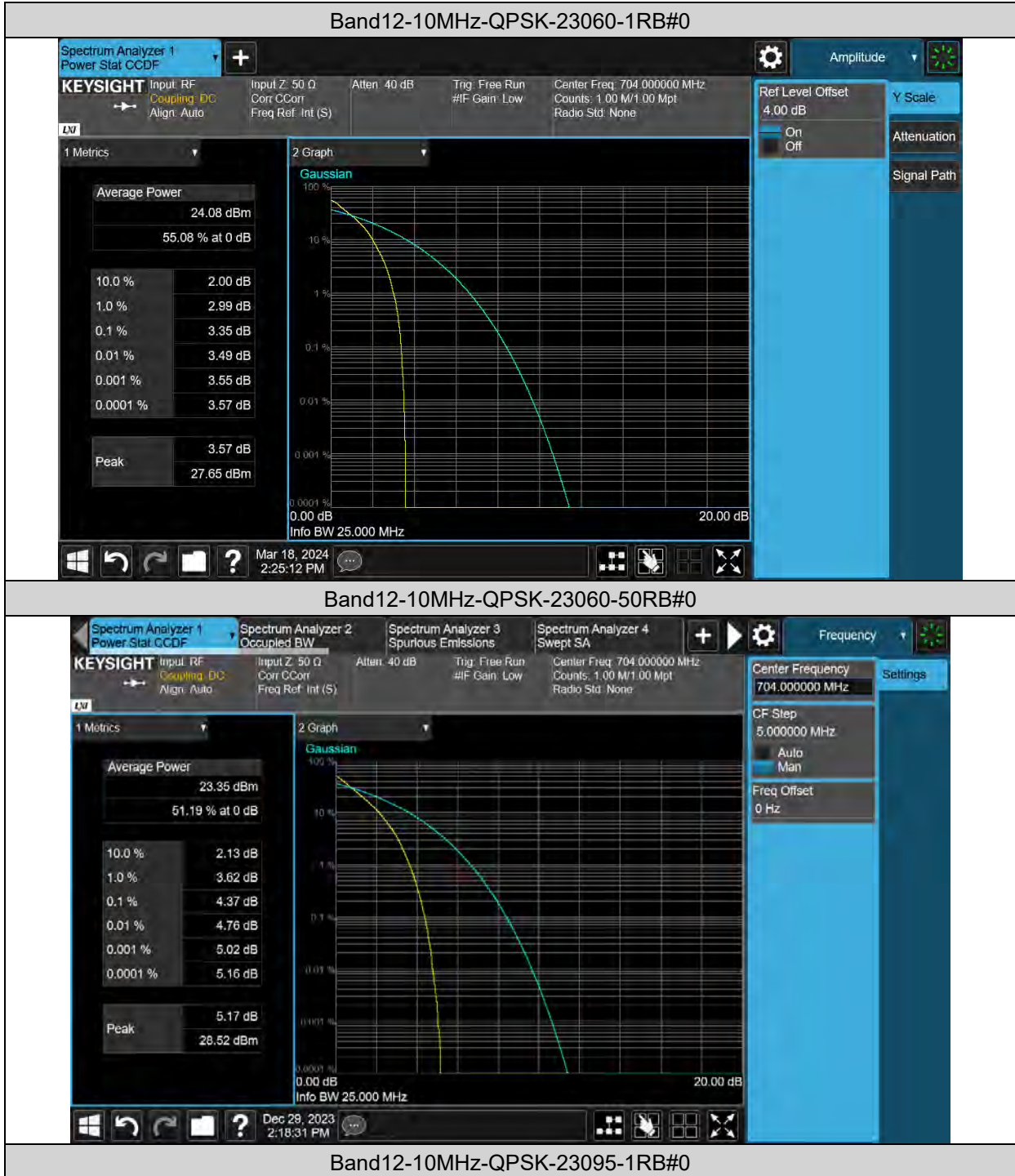
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	3.22	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	3.53	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	2.64	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.04	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	2.83	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.27	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	4.12	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	4.41	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3.93	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	4.59	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3.68	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	4.42	13	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	4.17	13	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	5.33	13	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	4.38	13	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	5.29	13	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	3.17	13	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	4.16	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	3.76	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.02	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	3.21	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	3.57	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.64	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	3.35	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	4.71	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.10	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	4.03	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	4.96	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	3.76	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	4.23	13	PASS
Band12	3MHz	64QAM	23025	1RB#0	4.27	13	PASS
Band12	3MHz	64QAM	23025	15RB#0	5.53	13	PASS
Band12	3MHz	64QAM	23095	1RB#0	4.84	13	PASS
Band12	3MHz	64QAM	23095	15RB#0	5.23	13	PASS
Band12	3MHz	64QAM	23165	1RB#0	3.10	13	PASS
Band12	3MHz	64QAM	23165	15RB#0	4.08	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	3.38	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	3.62	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	3.16	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	3.91	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	3.04	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	3.57	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	4.27	13	PASS

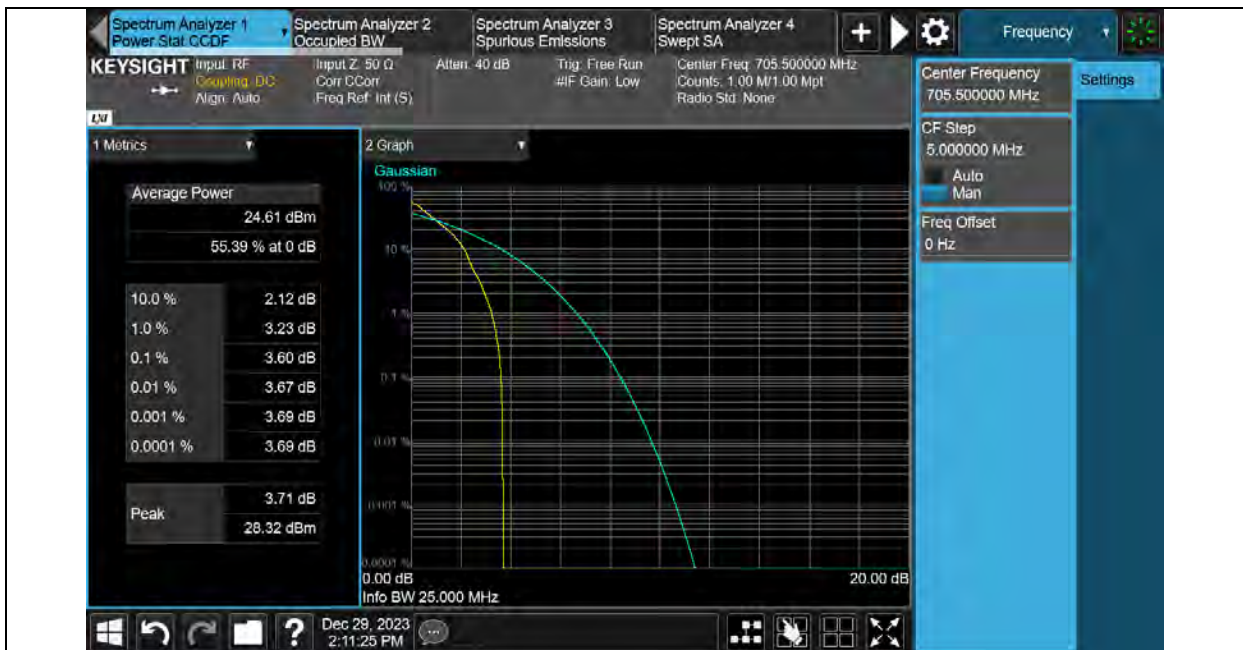


Test Report No.: PSU-QSU2312200110RF03

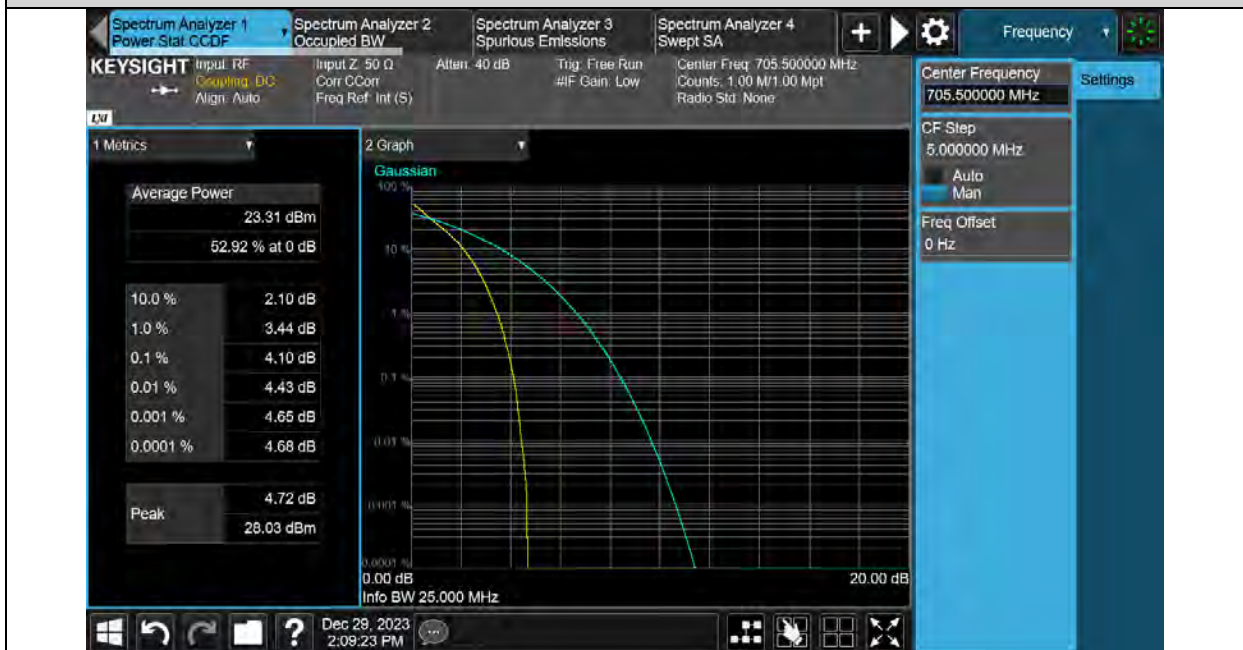
Band12	5MHz	16QAM	23035	25RB#0	4.50	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	4.07	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.89	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	3.68	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.43	13	PASS
Band12	5MHz	64QAM	23035	1RB#0	4.44	13	PASS
Band12	5MHz	64QAM	23035	25RB#0	5.39	13	PASS
Band12	5MHz	64QAM	23095	1RB#0	4.28	13	PASS
Band12	5MHz	64QAM	23095	25RB#0	5.43	13	PASS
Band12	5MHz	64QAM	23155	1RB#0	3.06	13	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.06	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	3.35	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.37	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	3.6	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.1	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	3.68	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.30	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	4.30	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.18	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	4.64	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	4.98	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	4.17	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.07	13	PASS
Band12	10MHz	64QAM	23060	1RB#0	5.02	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	5.69	13	PASS
Band12	10MHz	64QAM	23095	1RB#0	5.05	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	5.50	13	PASS
Band12	10MHz	64QAM	23130	1RB#0	3.68	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	4.30	13	PASS

Test Graphs

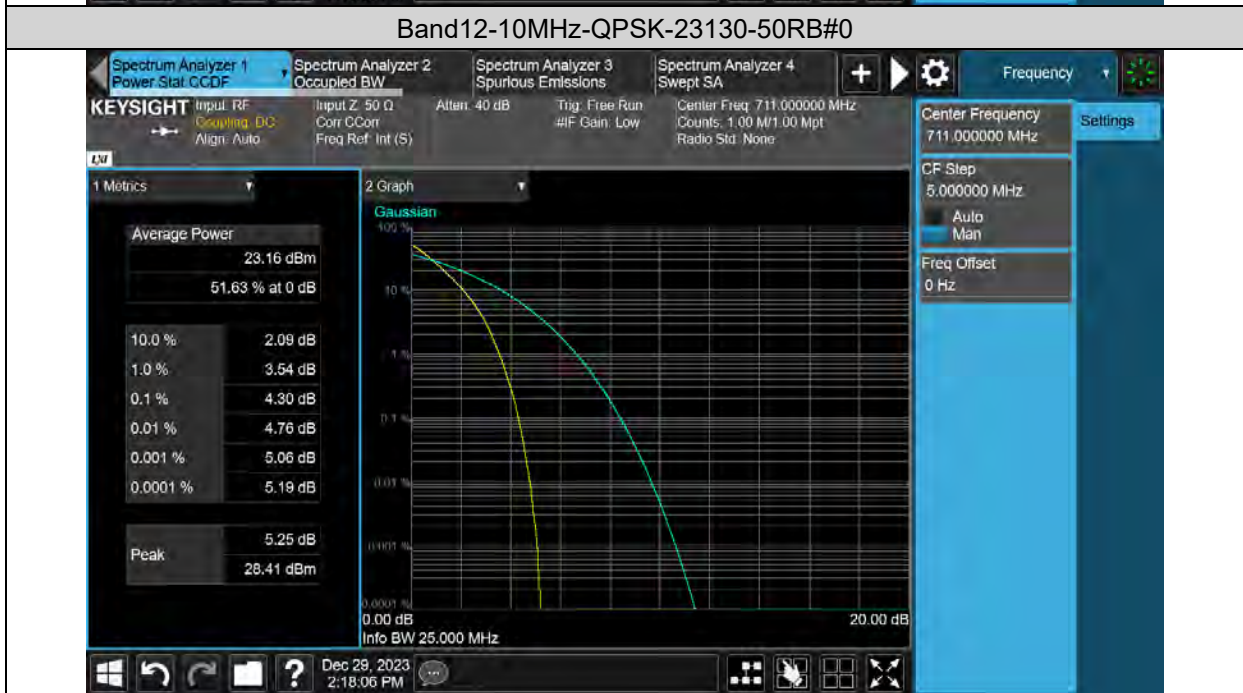
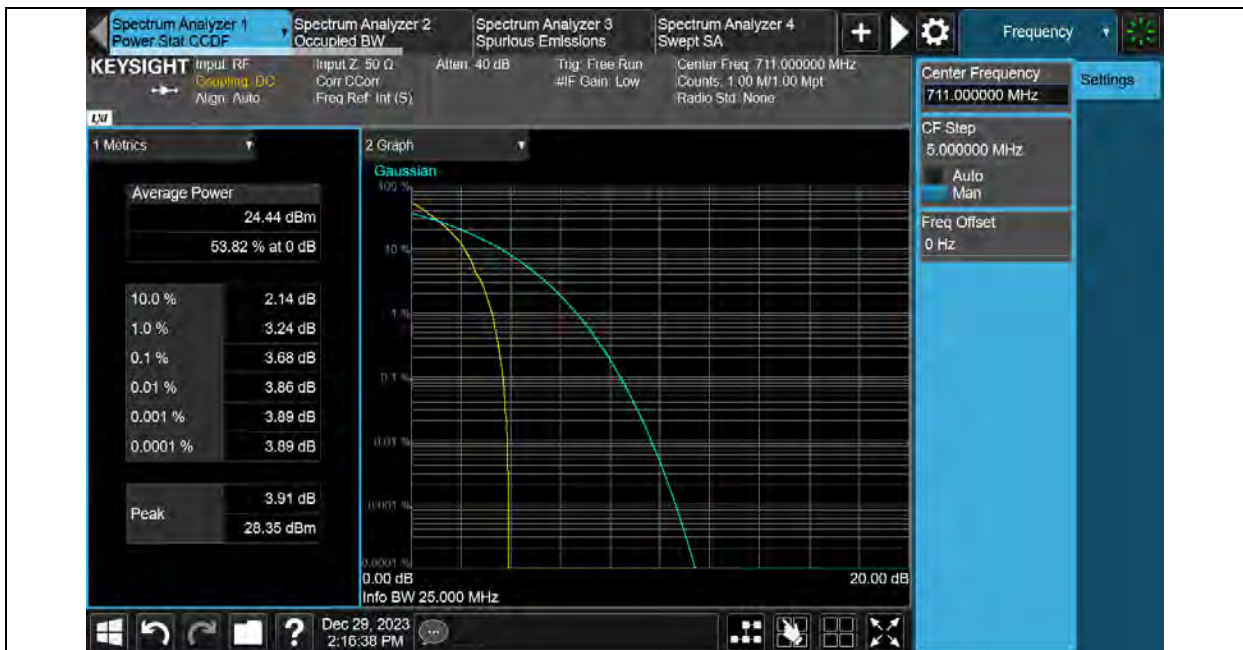




Band12-10MHz-QPSK-23095-50RB#0

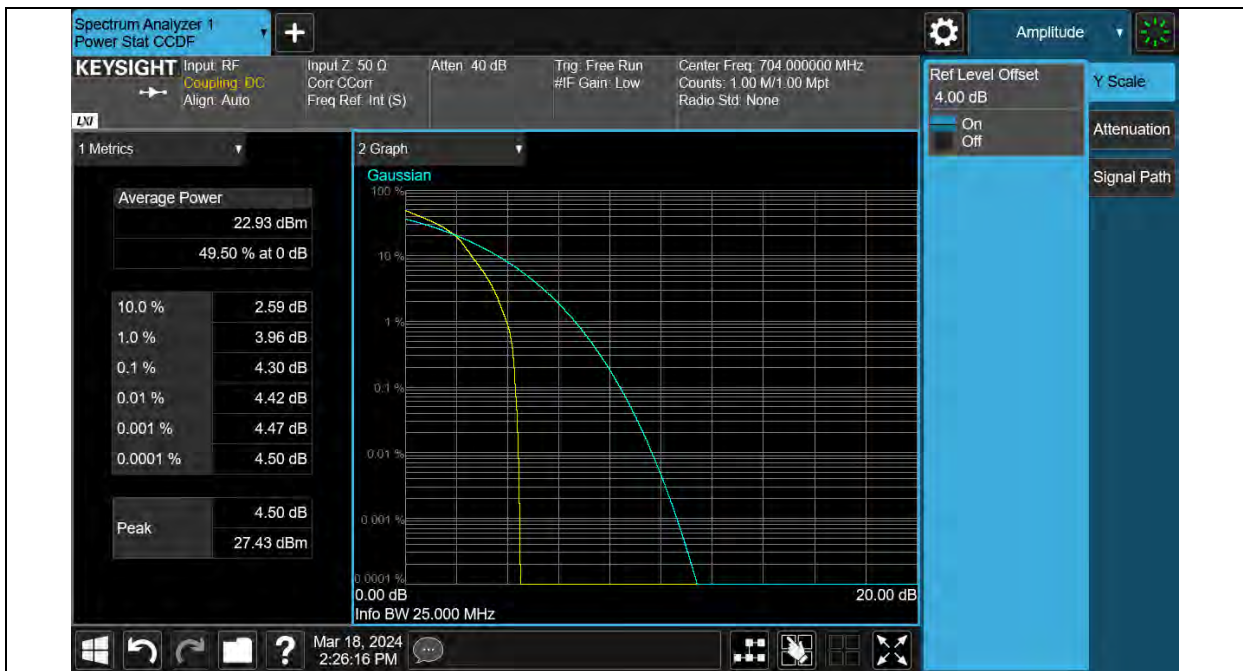


Band12-10MHz-QPSK-23130-1RB#0

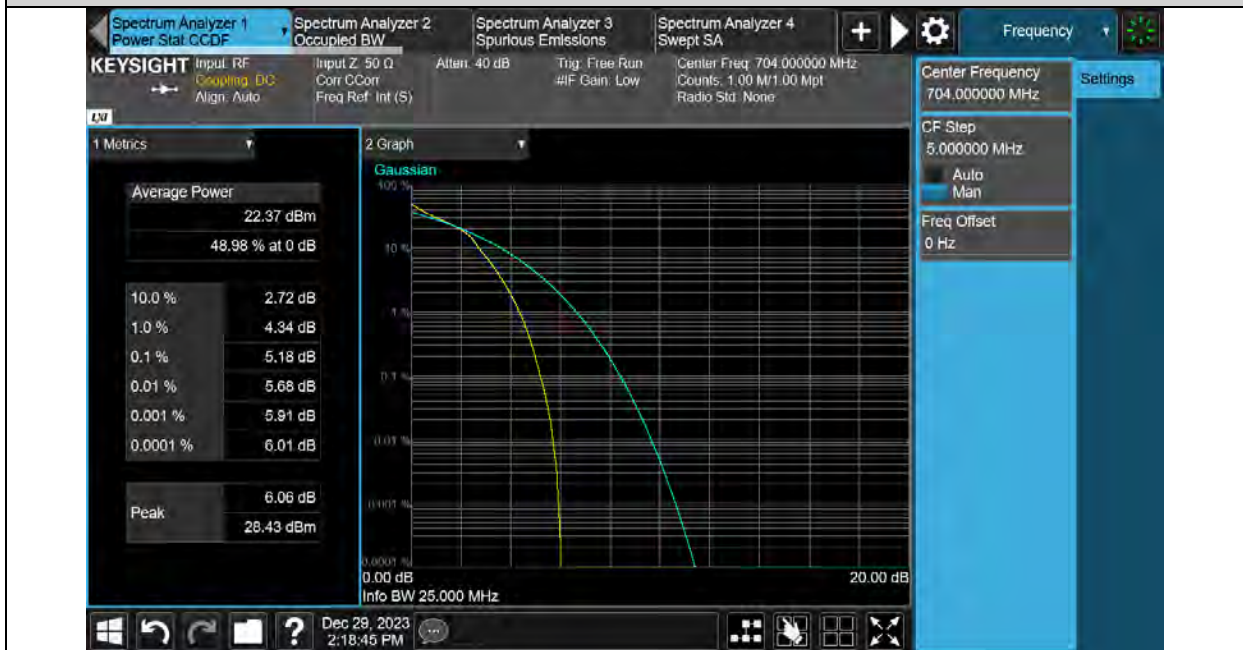




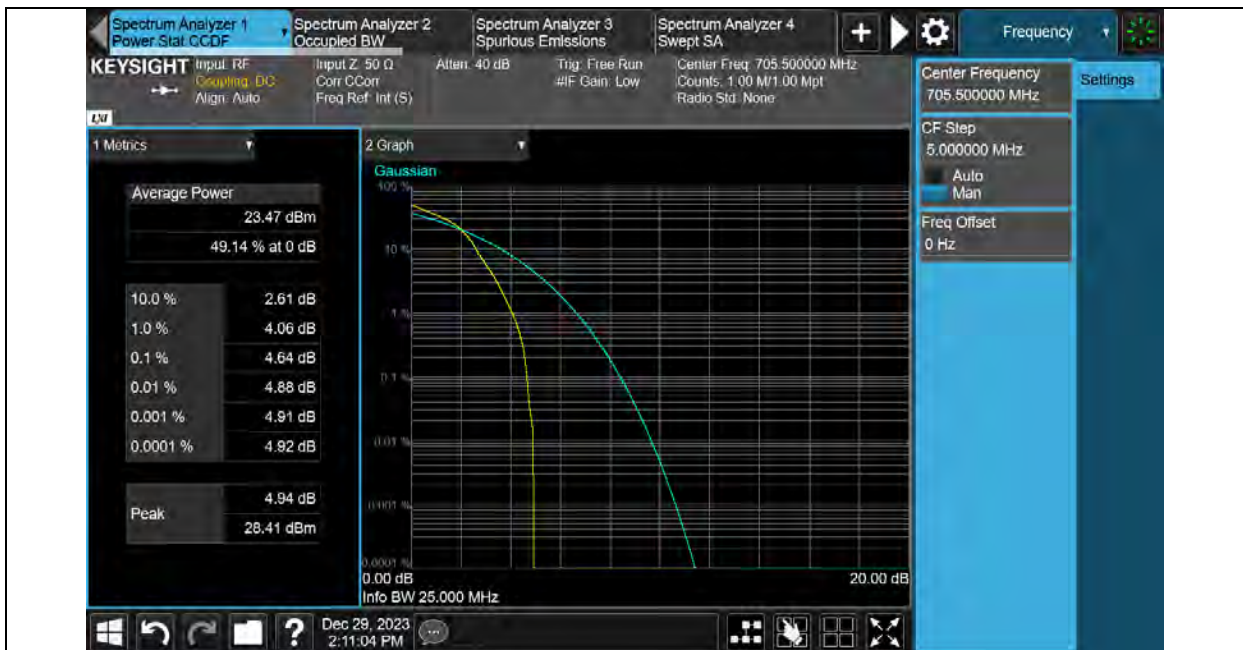
Test Report No.: PSU-QSU2312200110RF03



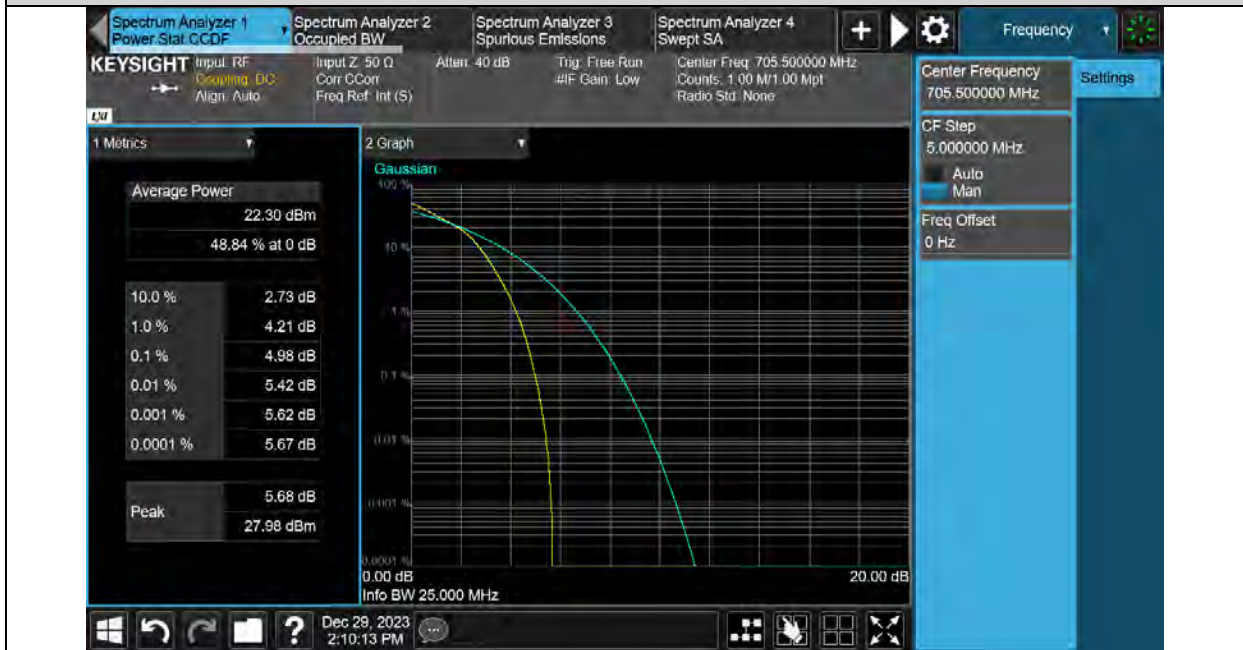
Band12-10MHz-16QAM-23060-50RB#0



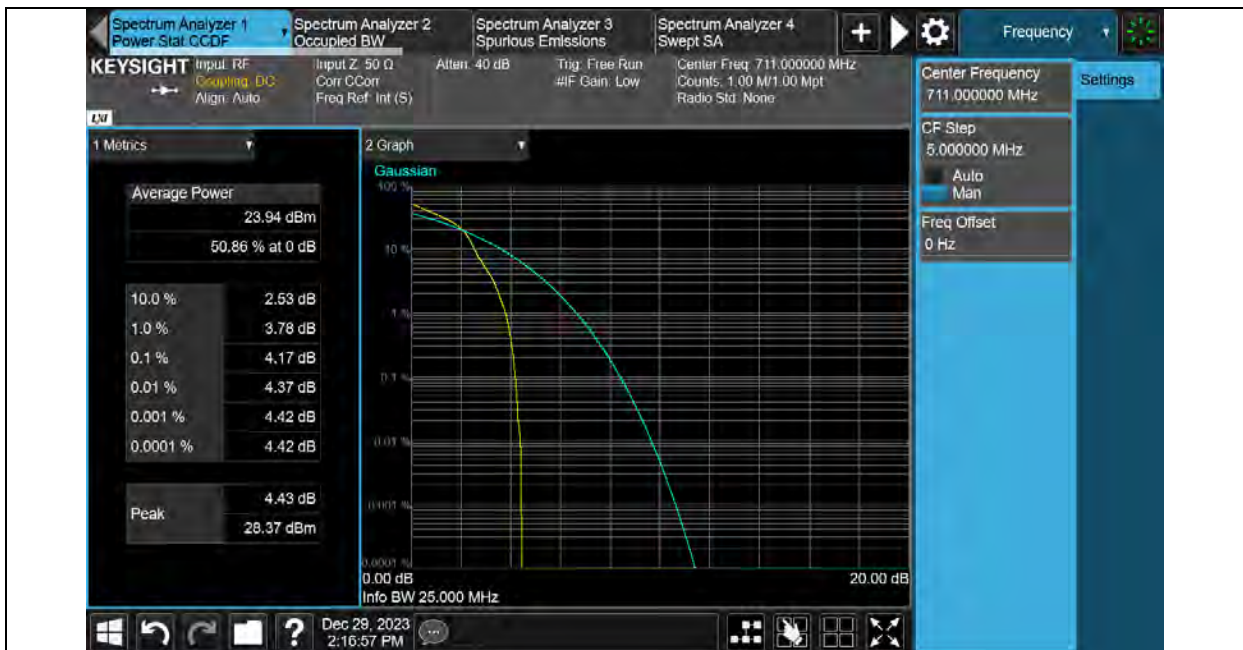
Band12-10MHz-16QAM-23095-1RB#0



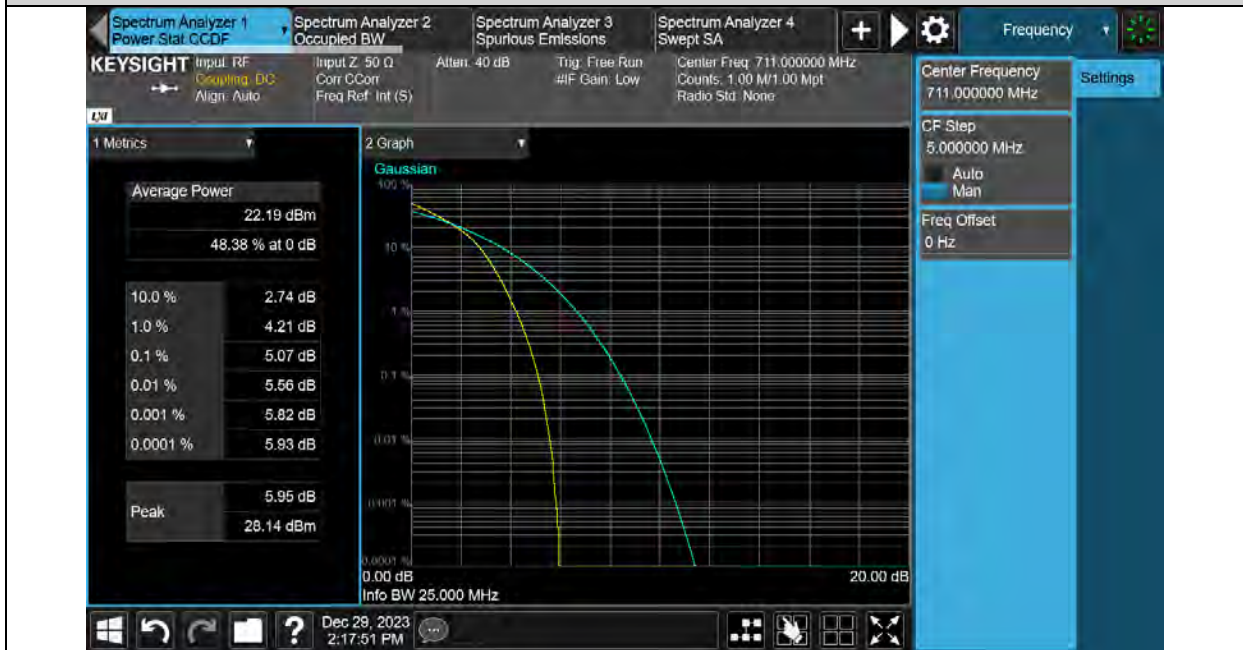
Band12-10MHz-16QAM-23095-50RB#0



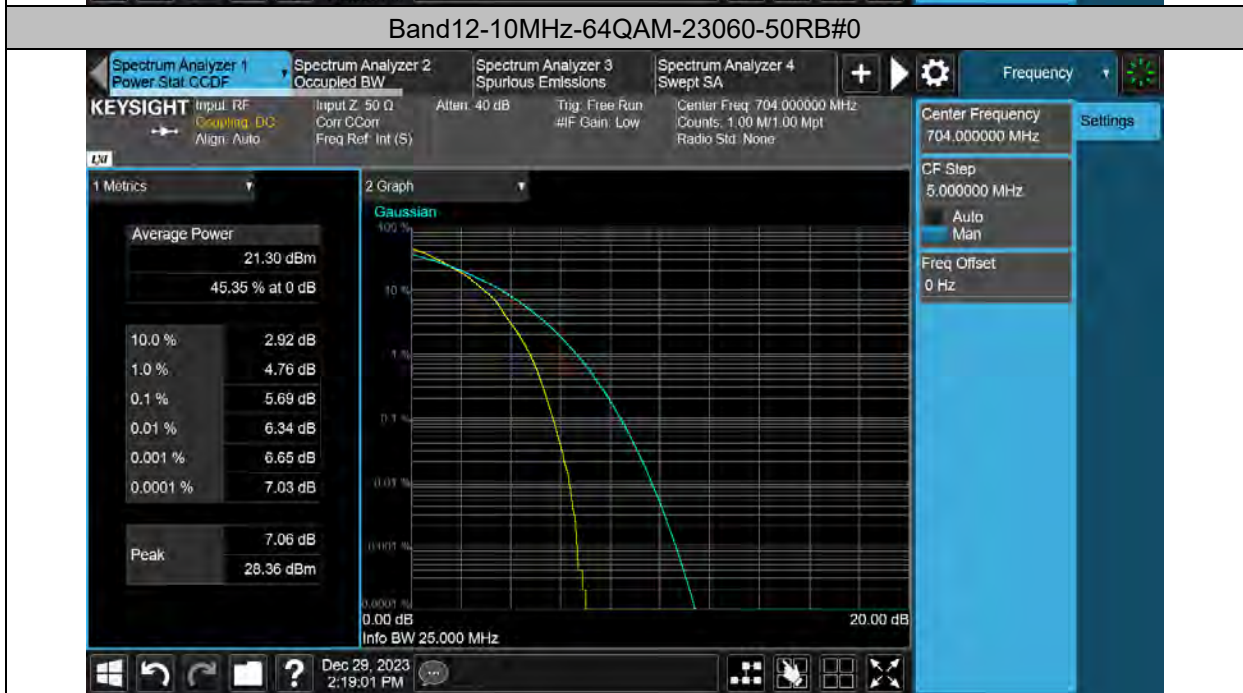
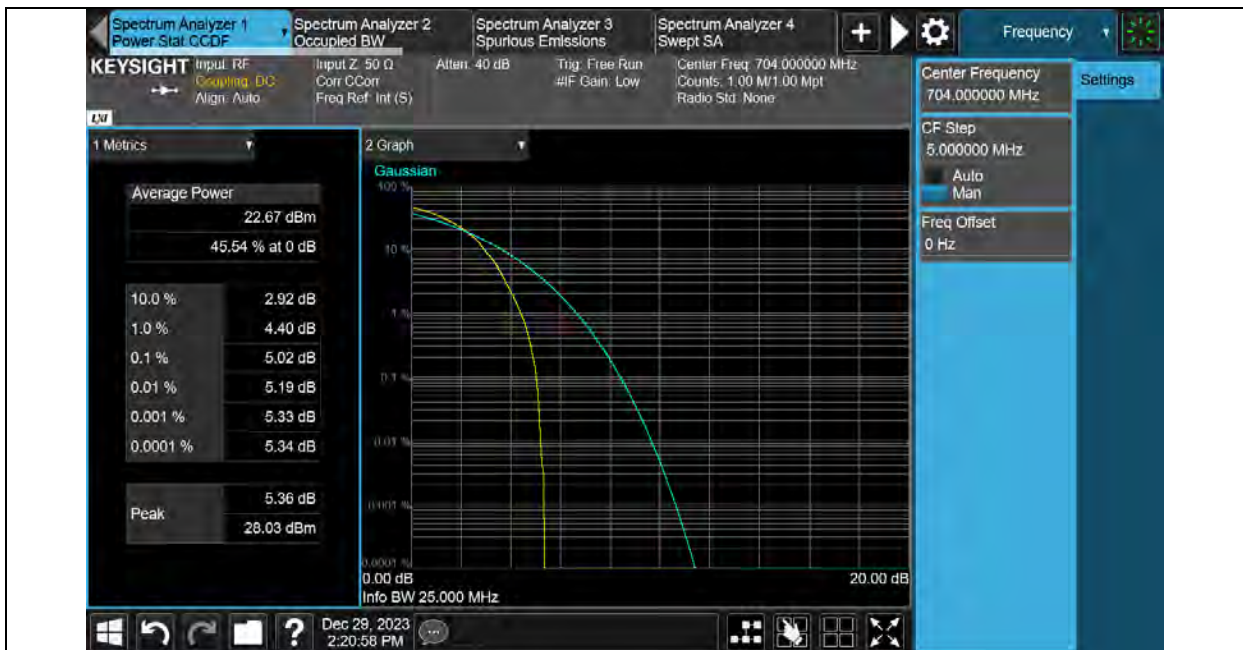
Band12-10MHz-16QAM-23130-1RB#0

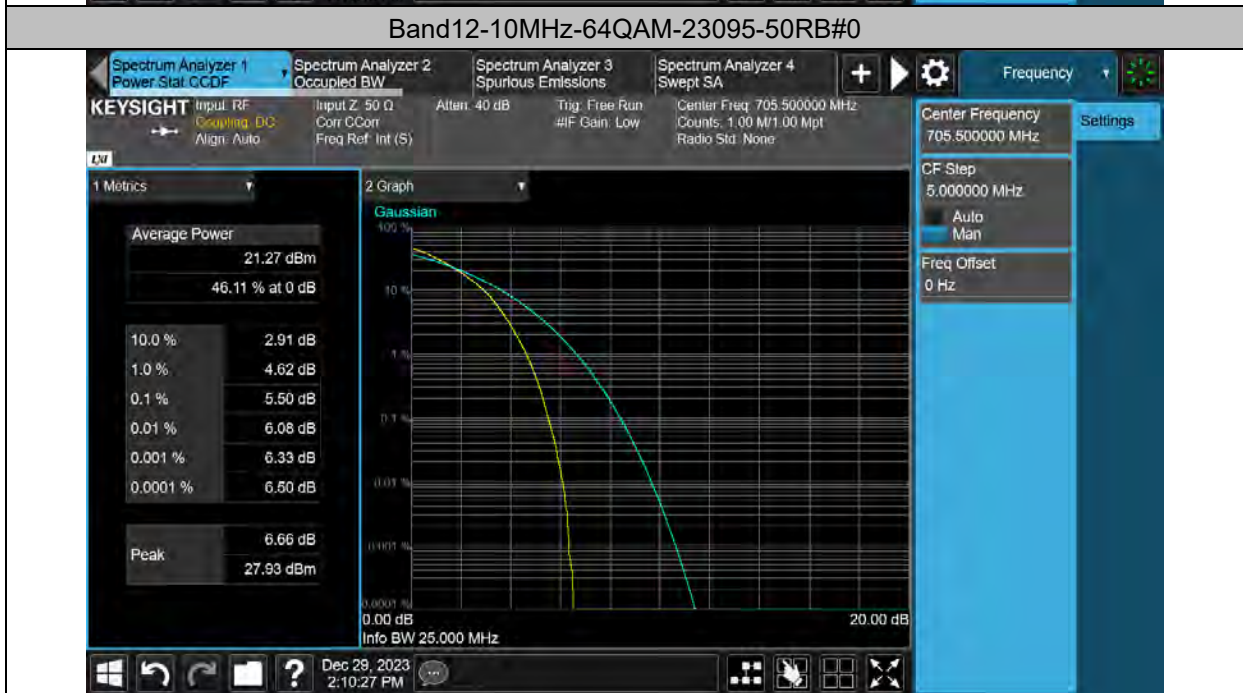
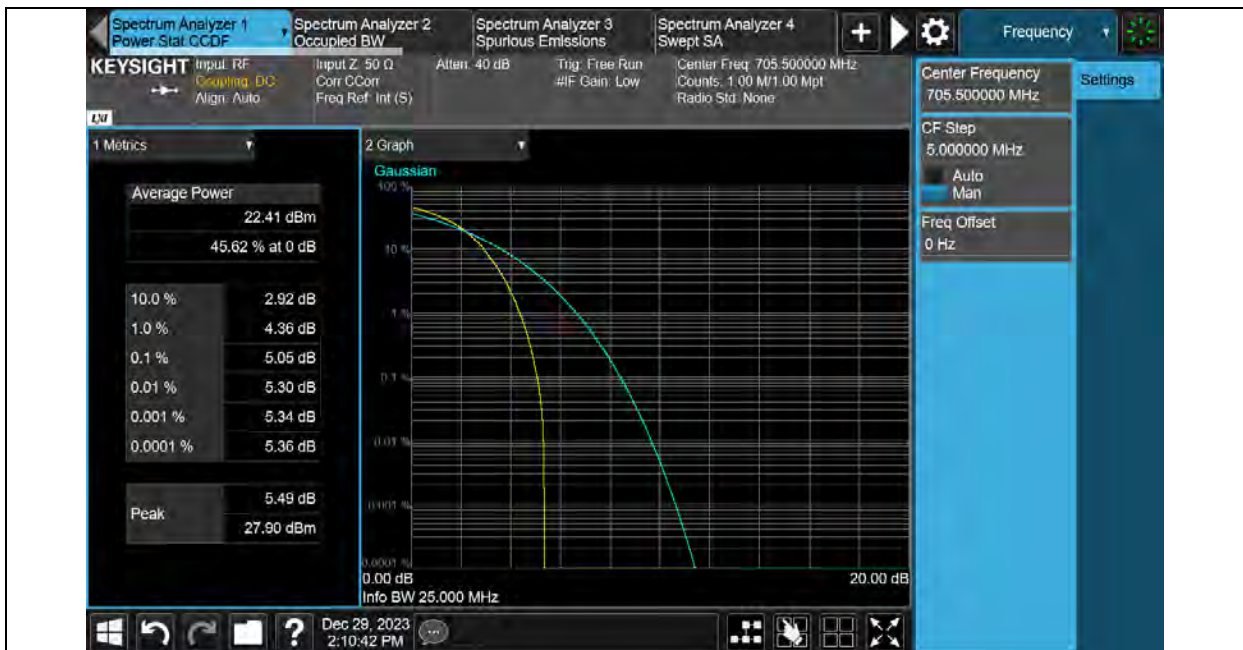


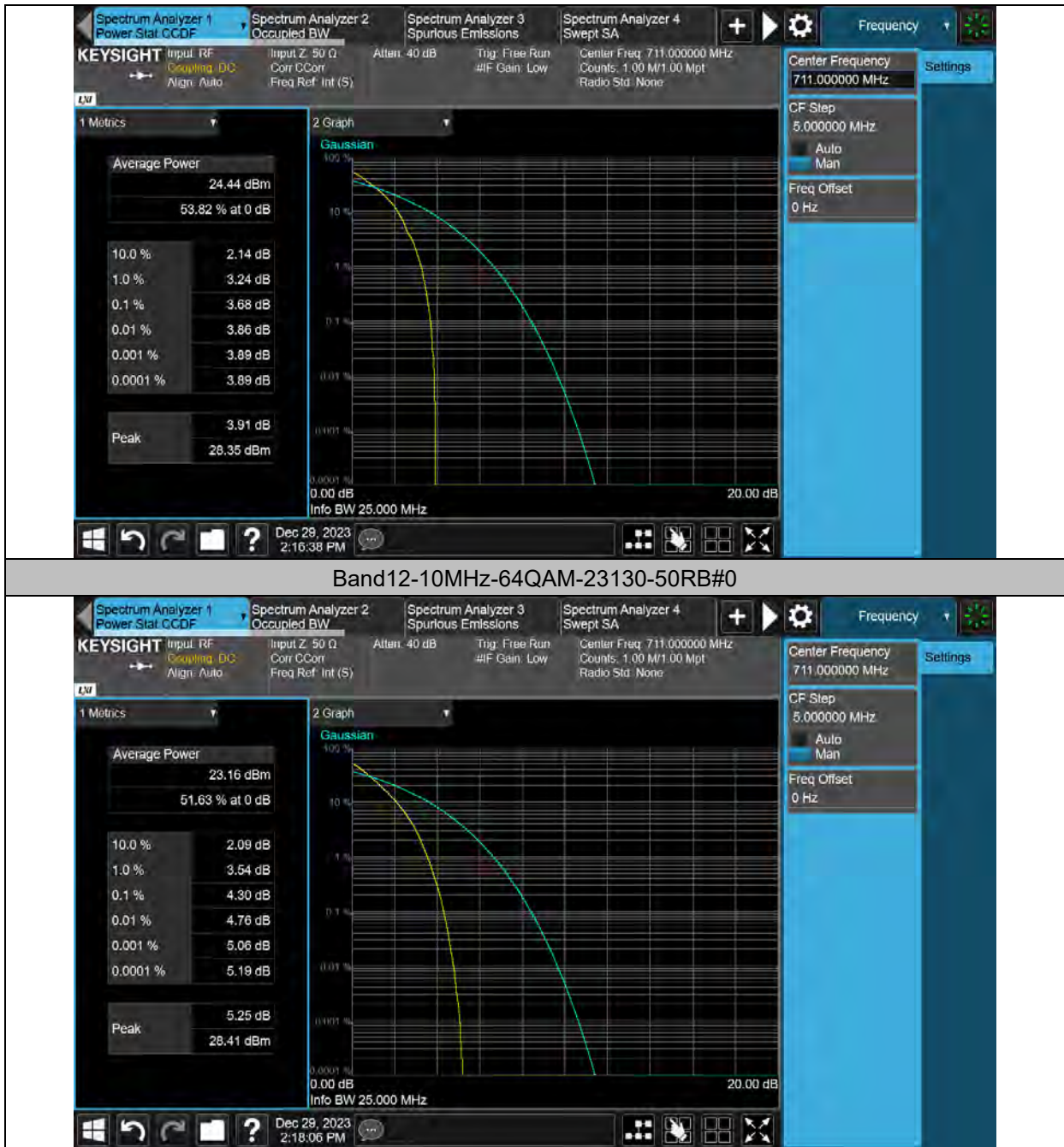
Band12-10MHz-16QAM-23130-50RB#0



Band12-10MHz-64QAM-23060-1RB#0









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	1.0971	1.282	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0977	1.325	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0955	1.282	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0901	1.269	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0932	1.312	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0963	1.308	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.0978	1.297	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.0936	1.279	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.0898	1.272	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6862	2.961	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6973	2.966	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6974	2.875	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6862	2.955	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6798	2.955	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6858	2.972	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.6816	2.921	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.7065	2.992	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.6862	2.955	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5055	4.948	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5119	4.954	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5114	5.009	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5288	4.955	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4969	4.944	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5143	4.985	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.5018	4.922	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.5028	4.873	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.4995	4.954	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9759	9.693	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9619	9.797	PASS
Band12	10MHz	QPSK	23130	50RB#0	9.0000	9.662	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9957	9.688	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9838	9.663	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9726	9.736	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.9659	9.703	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9729	9.712	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.9698	9.766	PASS

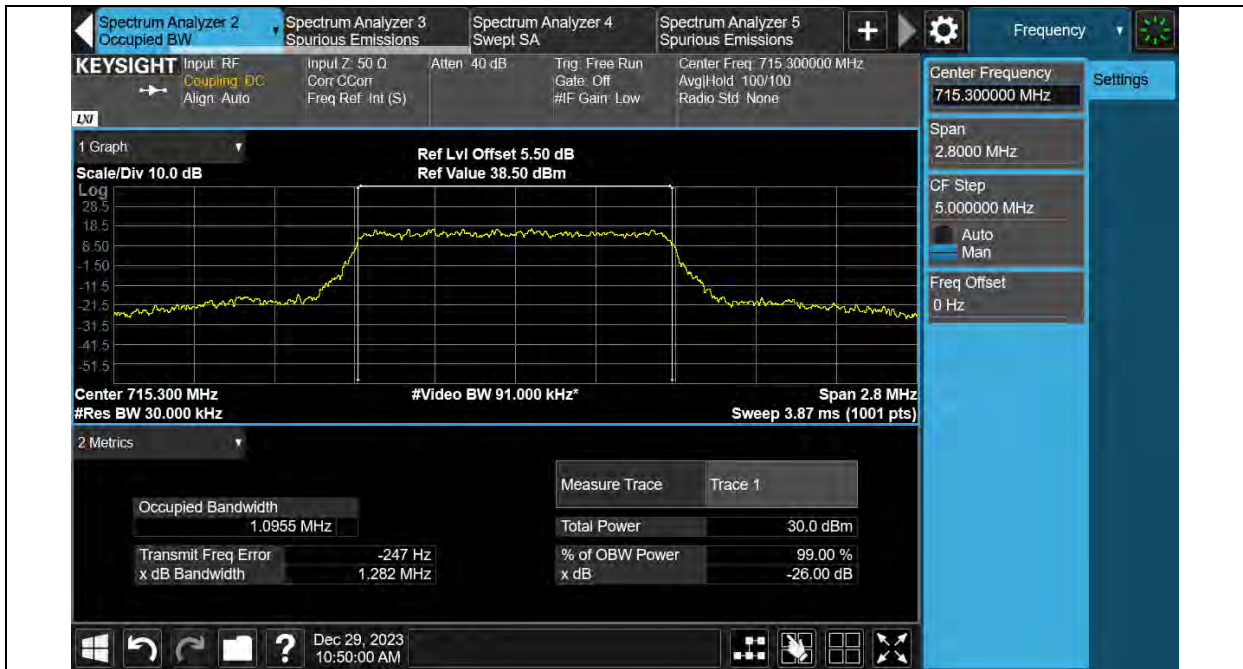


Test Graphs





Test Report No.: PSU-QSU2312200110RF03



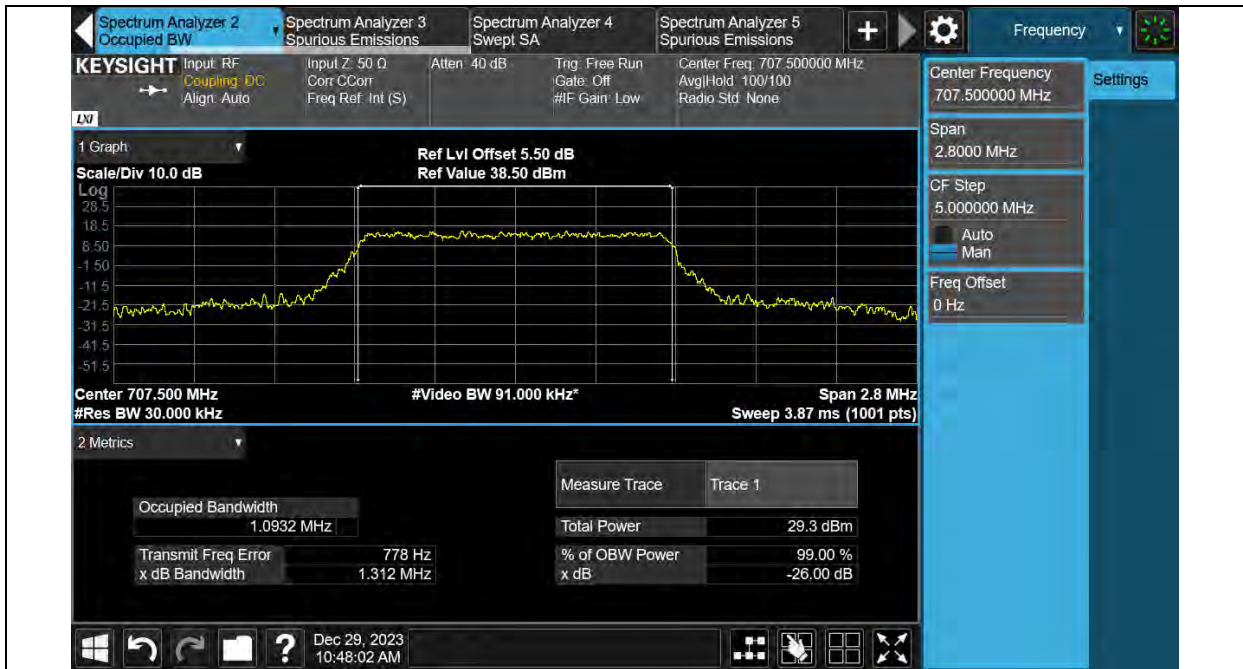
Band12-1.4MHz-16QAM-23017-6RB#0



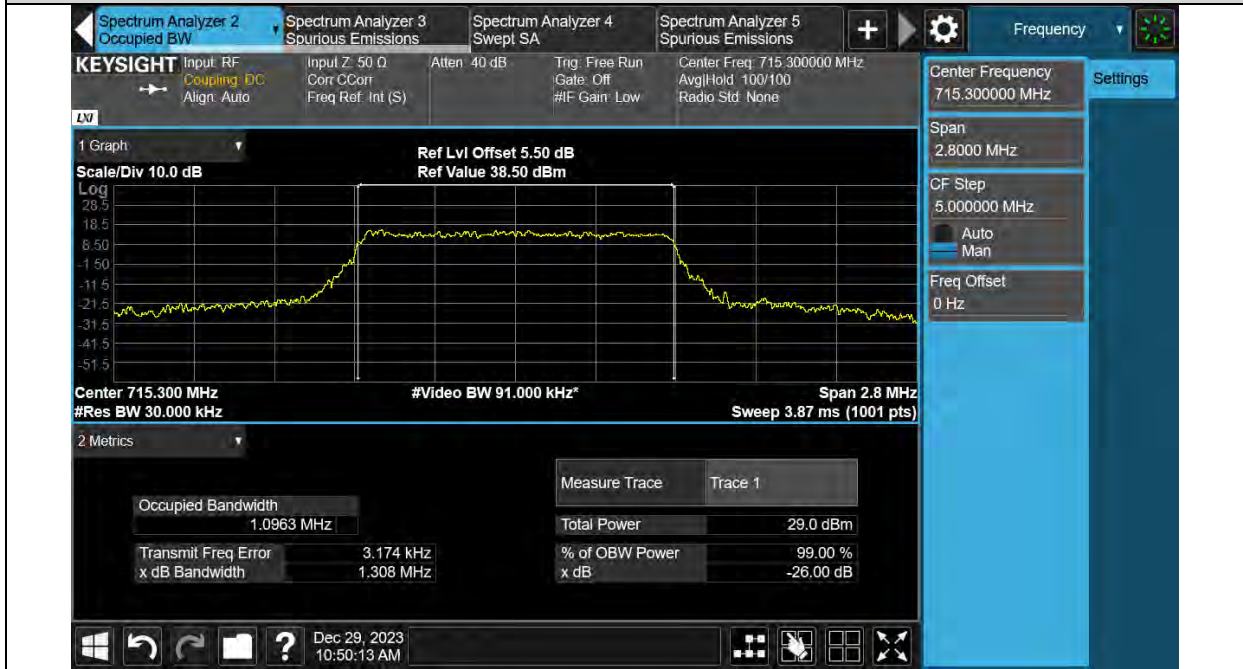
Band12-1.4MHz-16QAM-23095-6RB#0



Test Report No.: PSU-QSU2312200110RF03



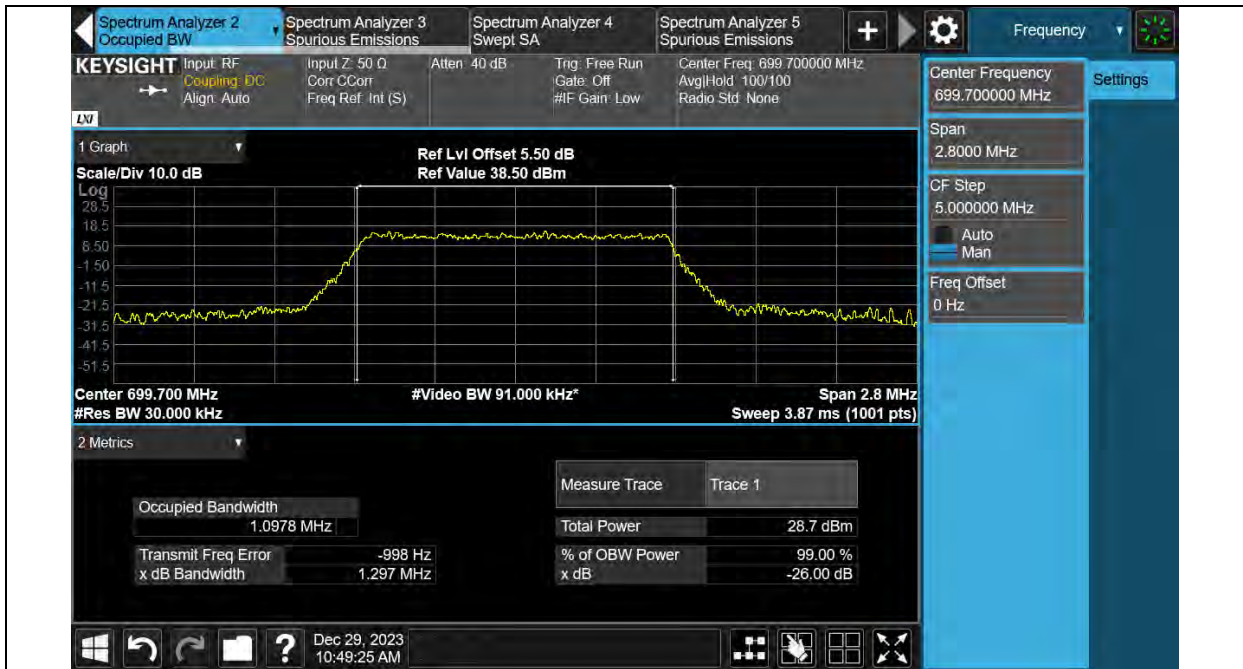
Band12-1.4MHz-16QAM-23173-6RB#0



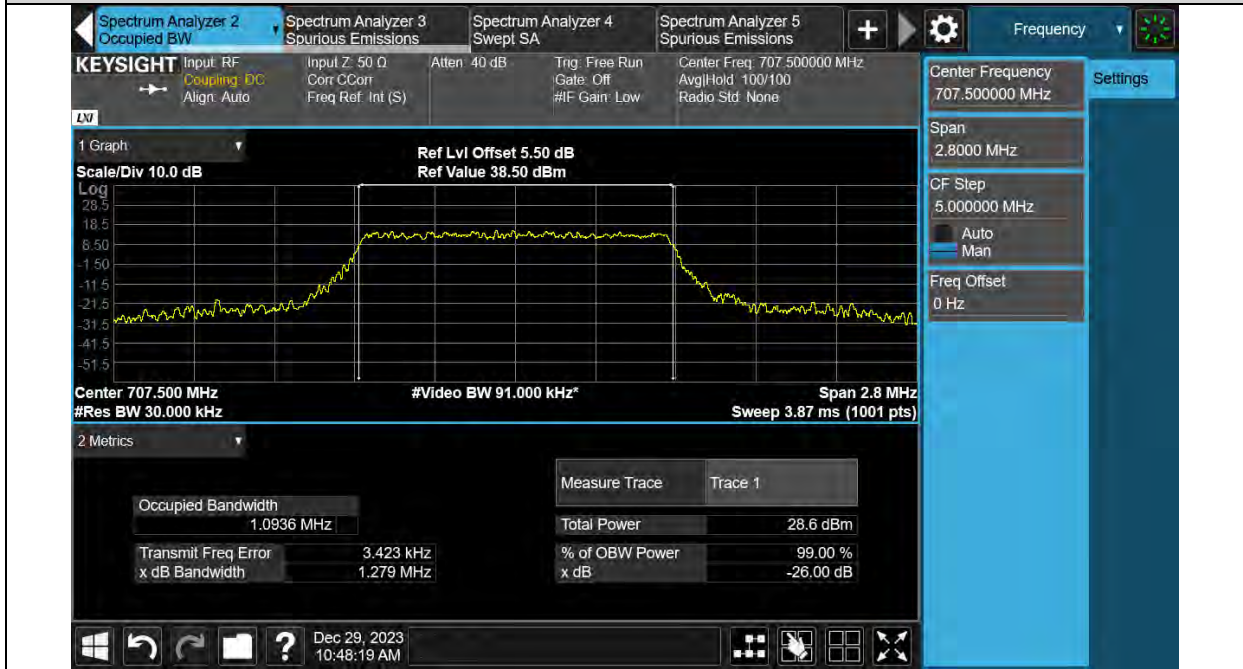
Band12-1.4MHz-64QAM-23017-6RB#0



Test Report No.: PSU-QSU2312200110RF03



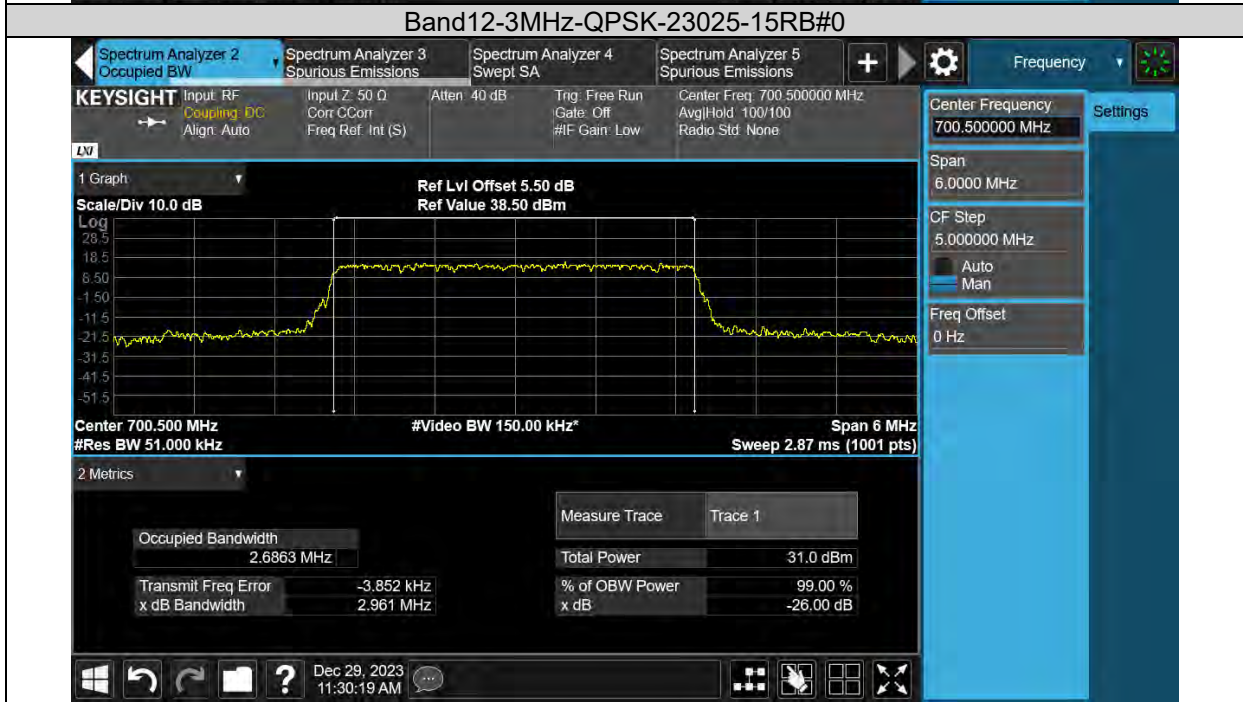
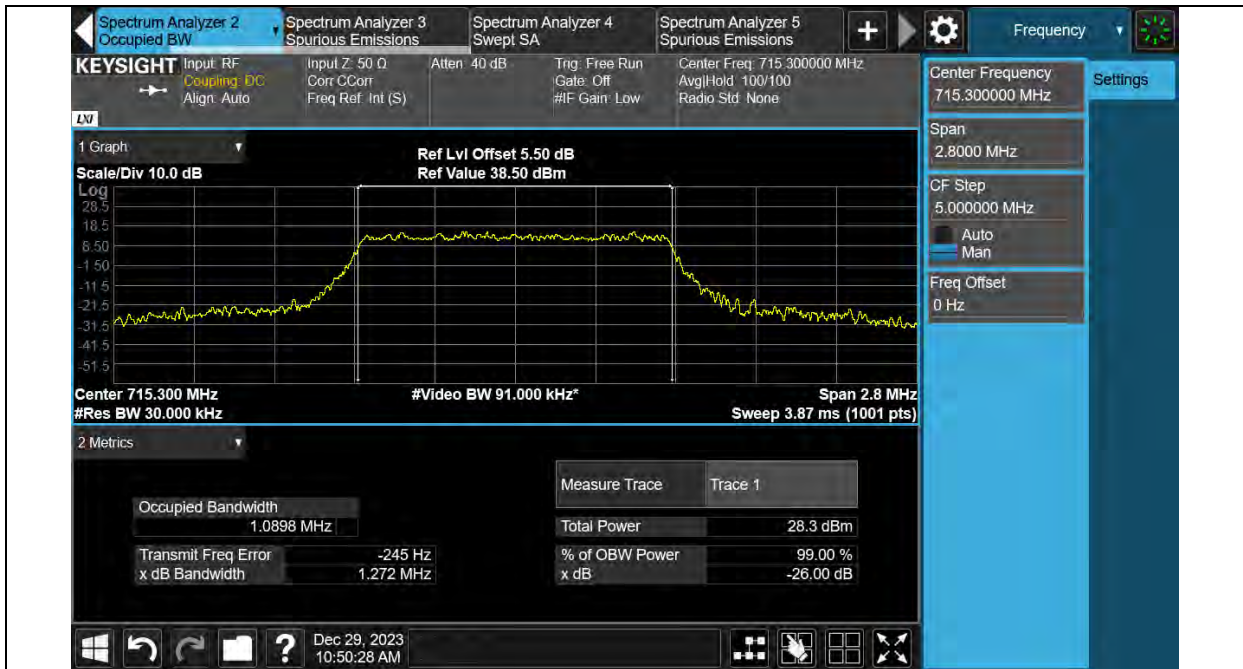
Band12-1.4MHz-64QAM-23095-6RB#0



Band12-1.4MHz-64QAM-23173-6RB#0

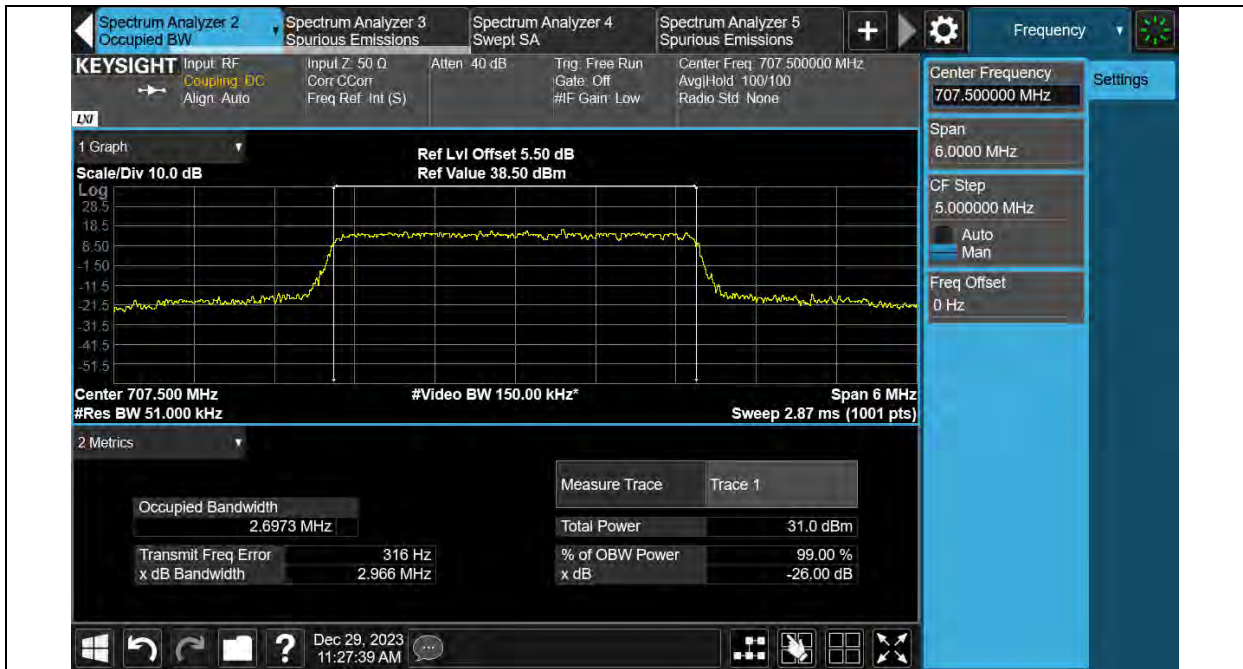


Test Report No.: PSU-QSU2312200110RF03

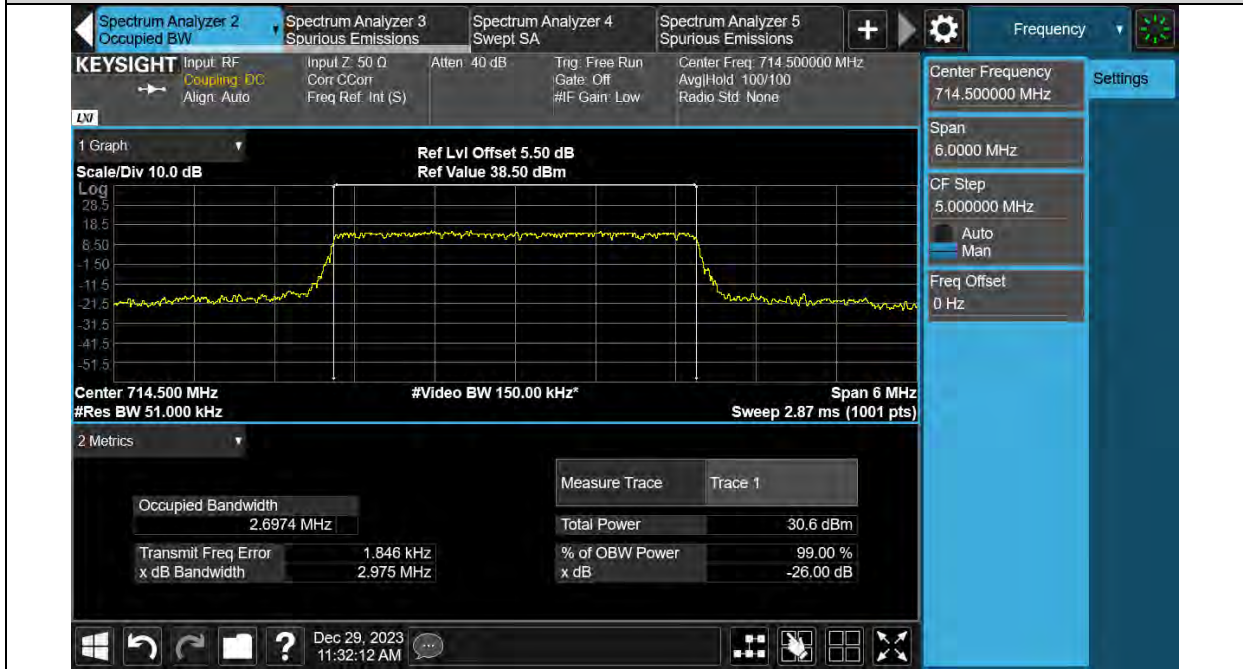




Test Report No.: PSU-QSU2312200110RF03



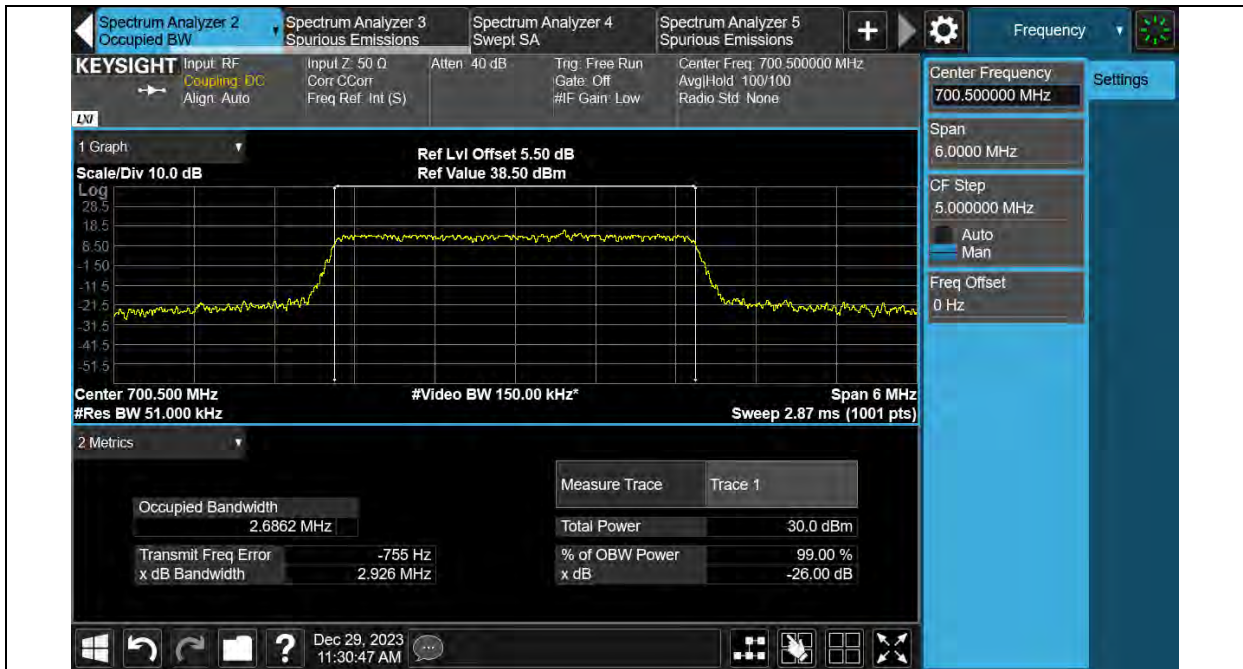
Band12-3MHz-QPSK-23165-15RB#0



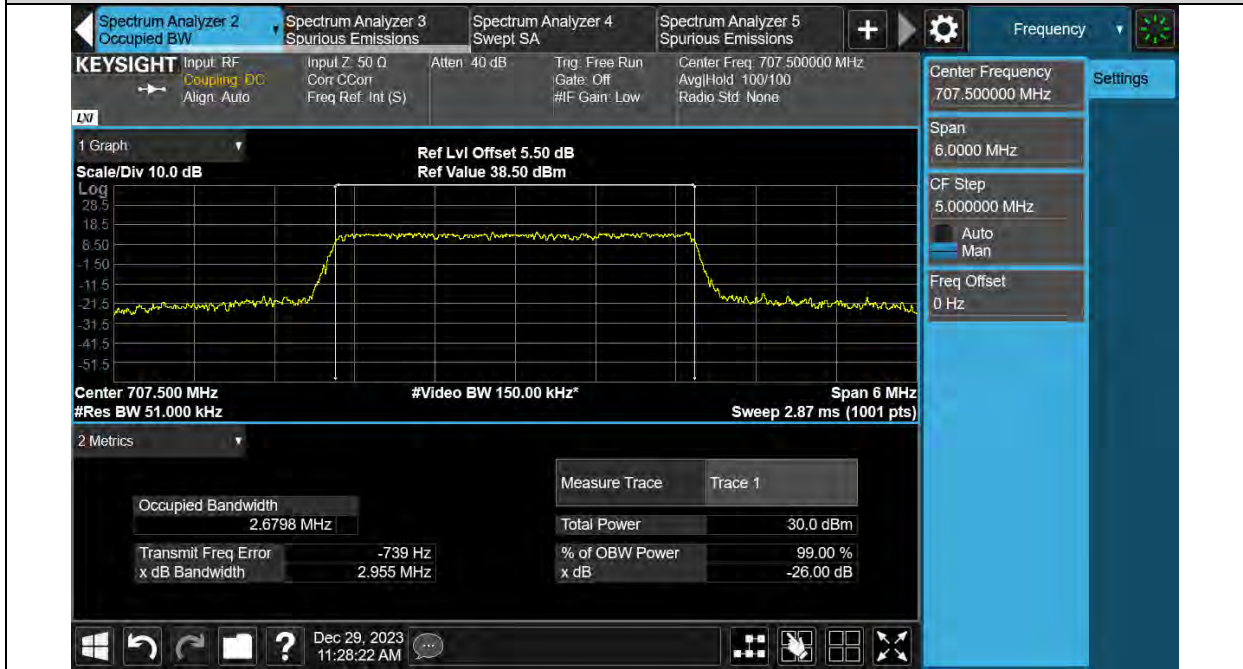
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Test Report No.: PSU-QSU2312200110RF03



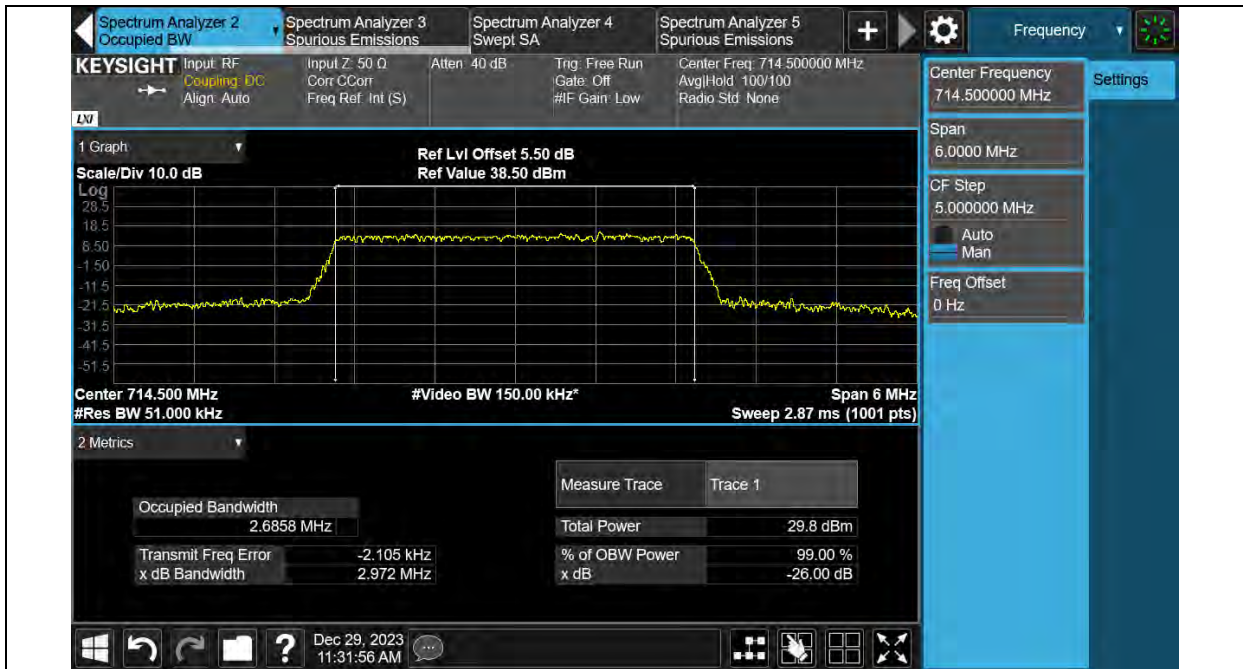
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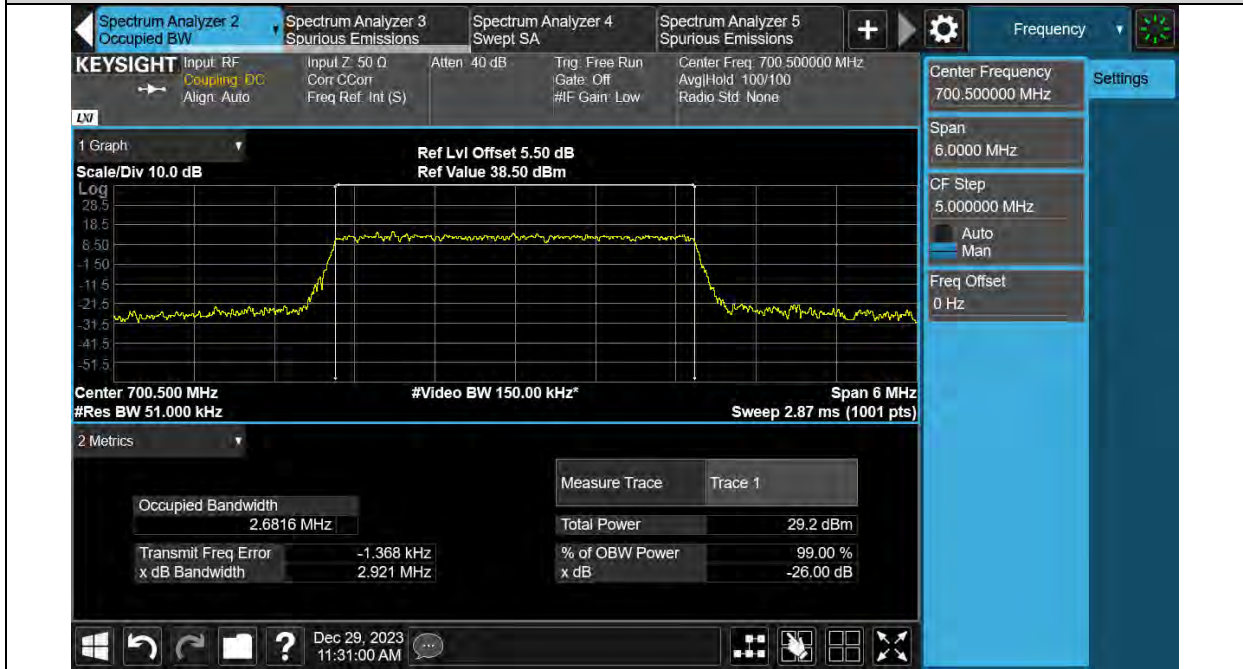
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Test Report No.: PSU-QSU2312200110RF03



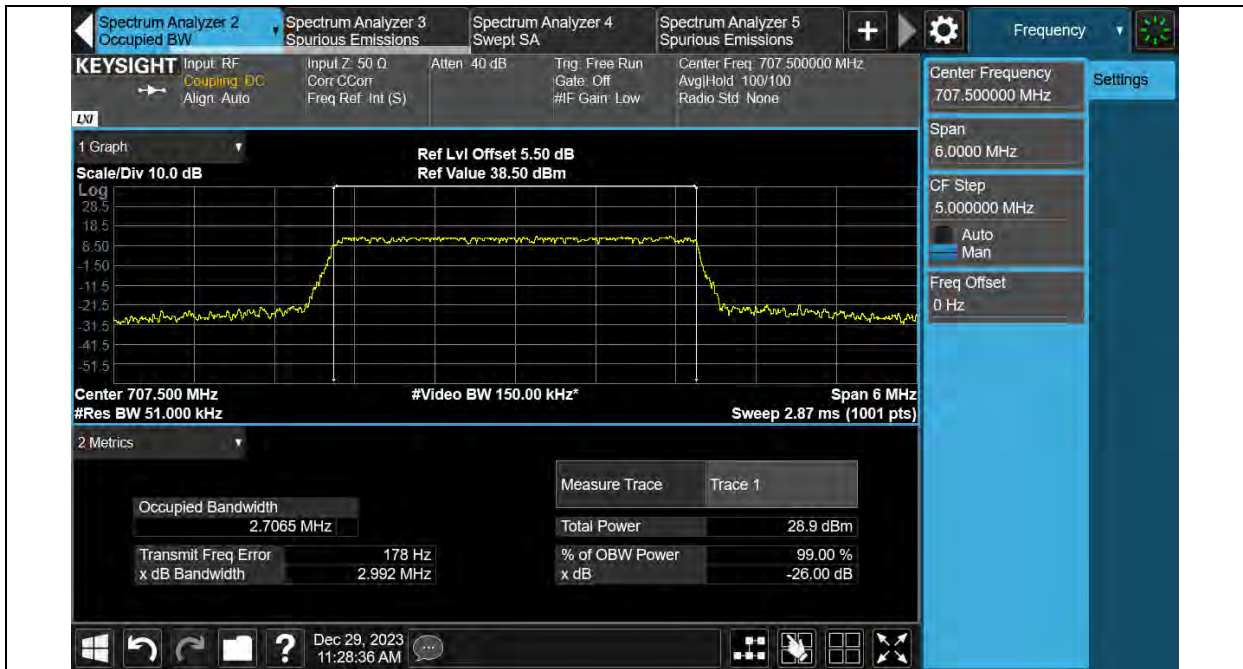
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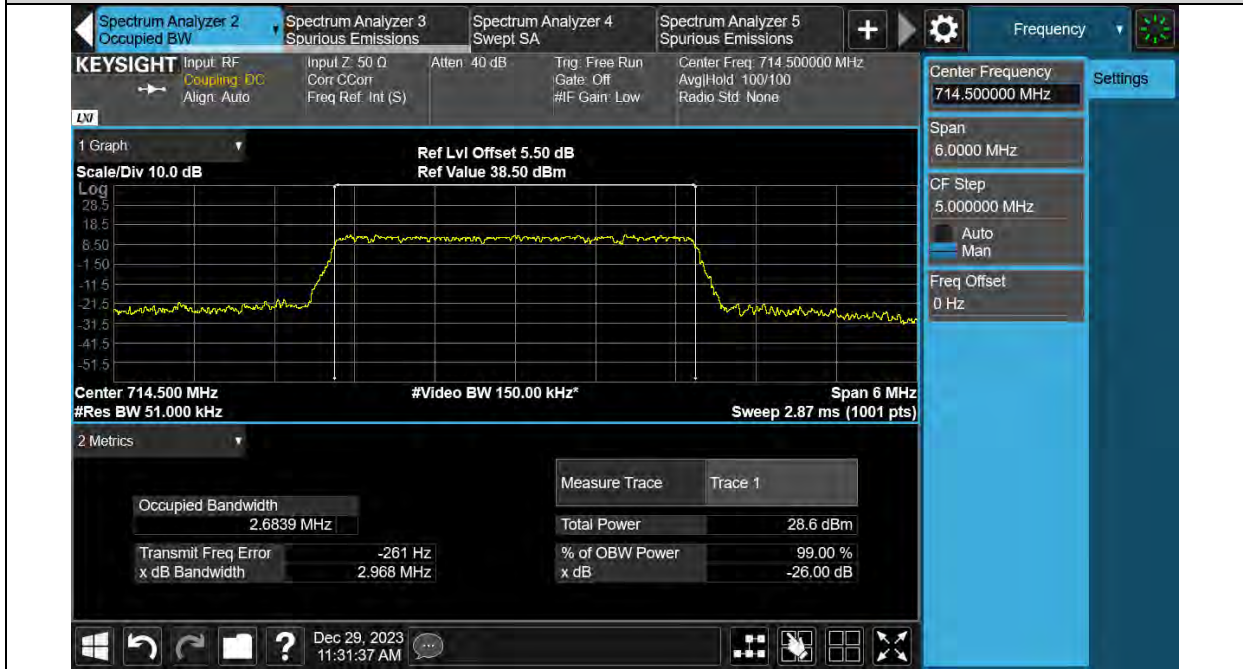
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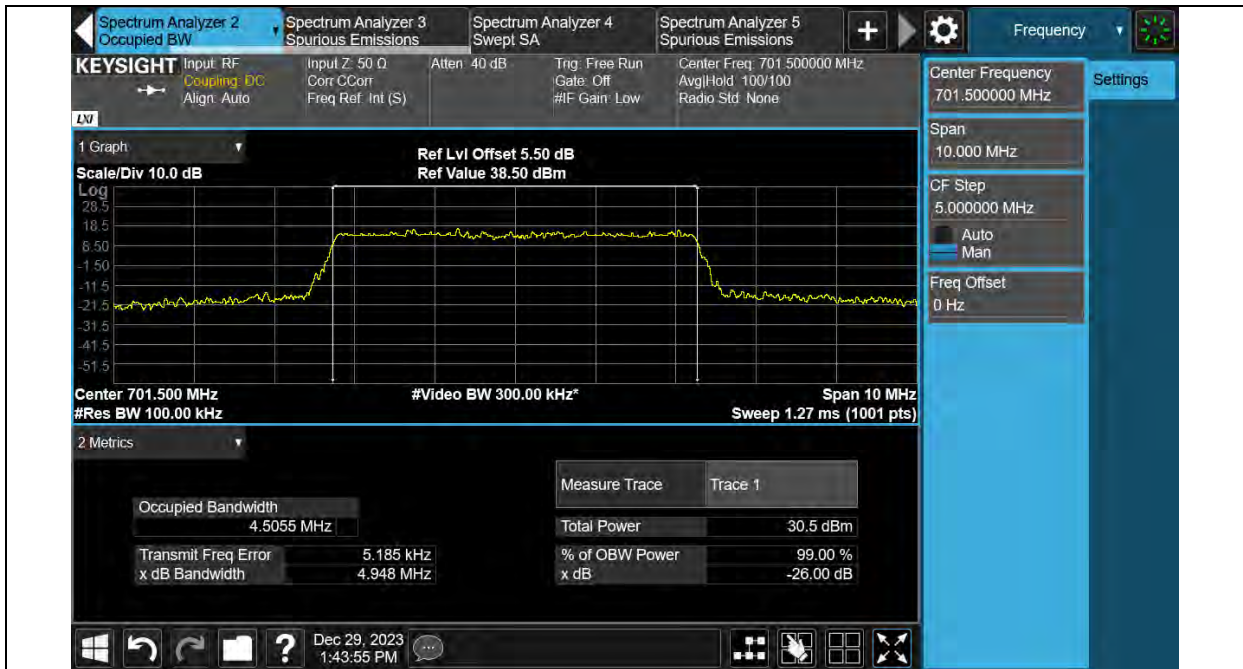
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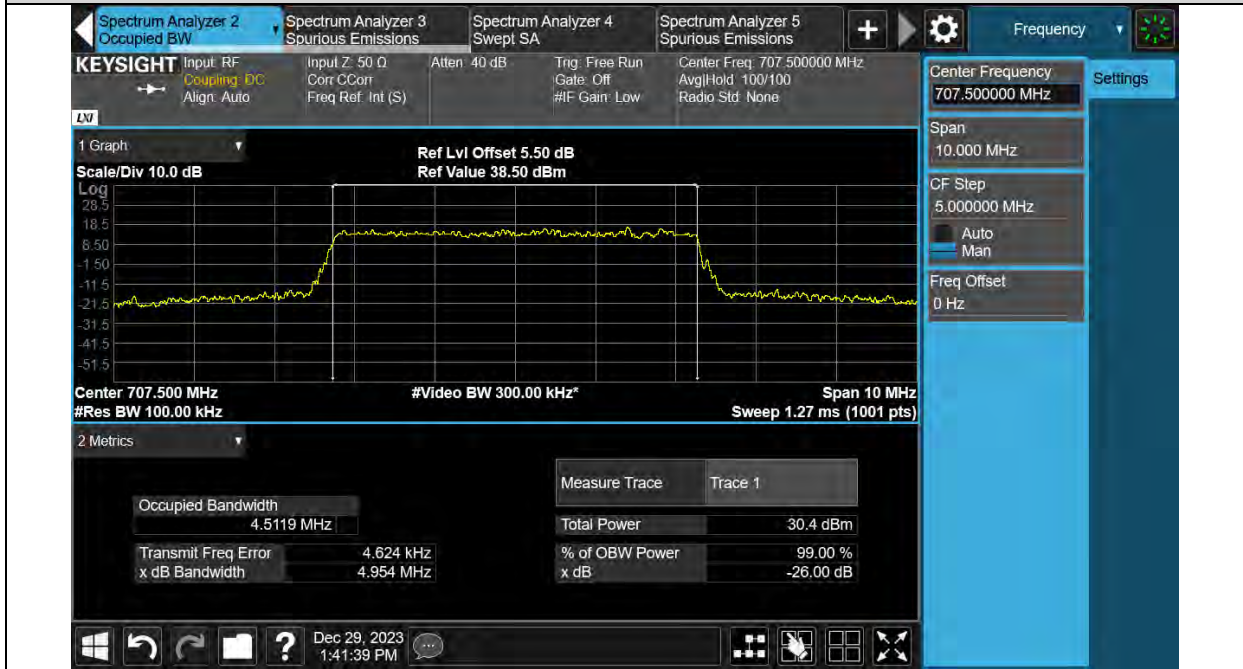
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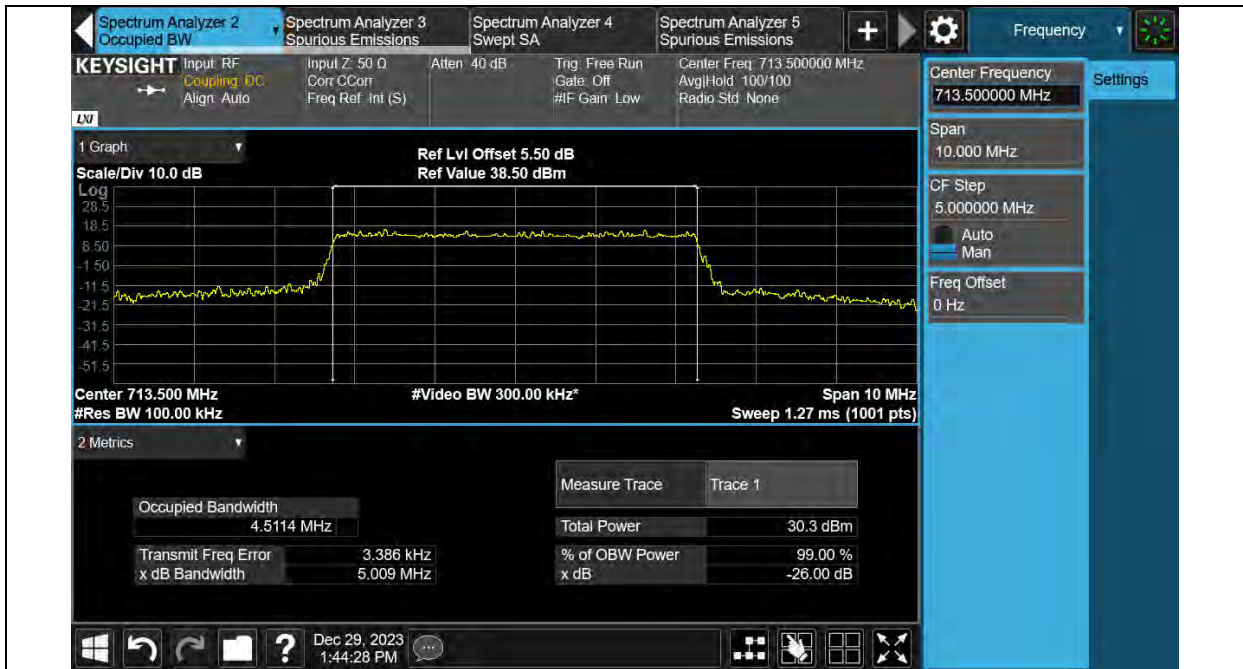
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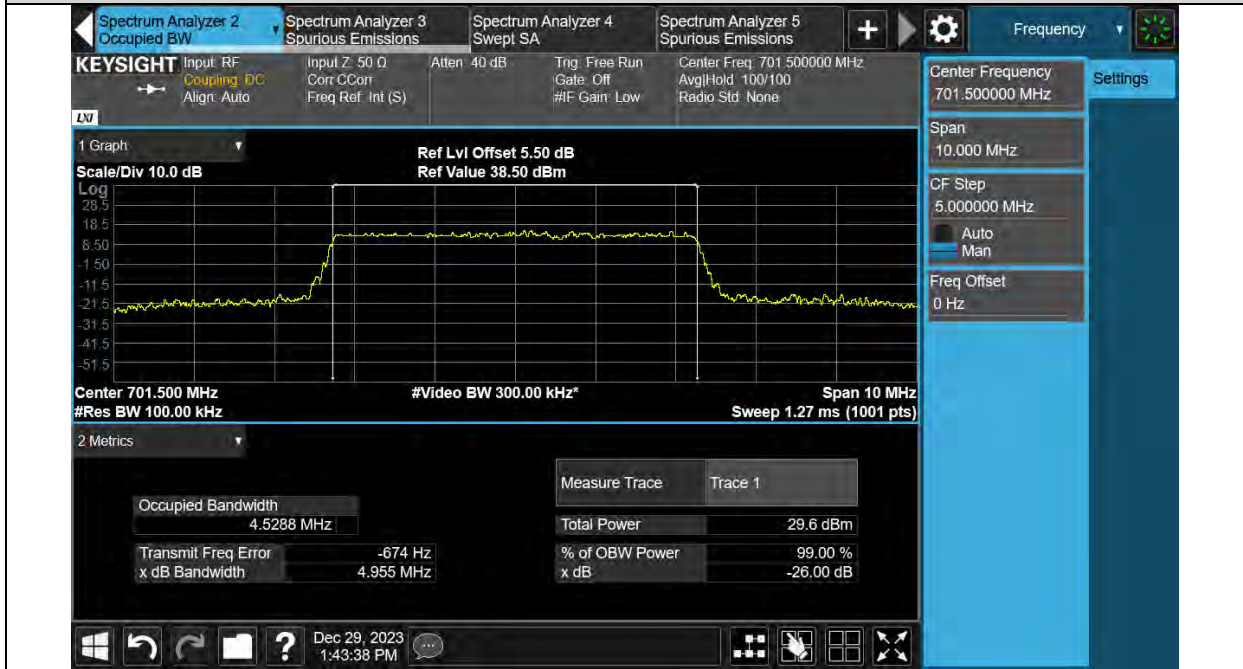
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