



BUREAU VERITAS Test Report No.: PSZ-NQN2412300616RF02



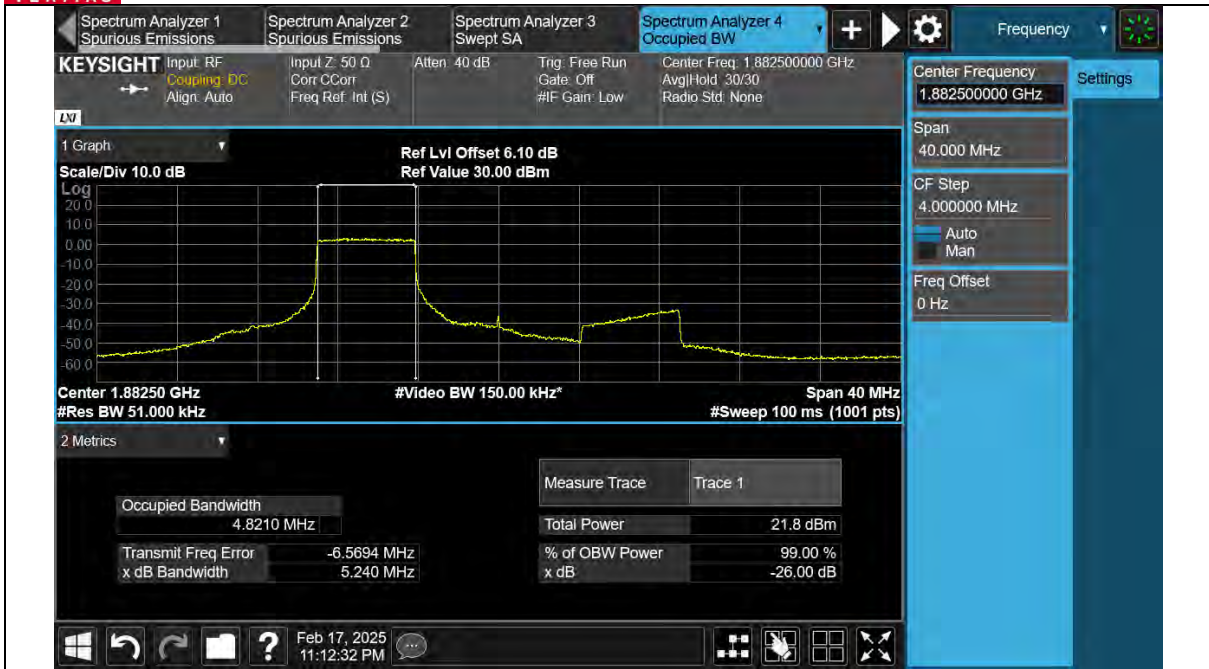
Band25-20MHz-16QAM-26140-27RB#0



Band25-20MHz-16QAM-26365-27RB#0



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Band25-20MHz-16QAM-26590-27RB#0



**BAND EDGE****Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	See Graph	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	See Graph	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	See Graph	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	See Graph	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	See Graph	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	See Graph	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	See Graph	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	See Graph	PASS
Band25	3MHz	QPSK	26055	1RB#0	See Graph	PASS
Band25	3MHz	QPSK	26055	15RB#0	See Graph	PASS
Band25	3MHz	QPSK	26675	1RB#14	See Graph	PASS
Band25	3MHz	QPSK	26675	15RB#0	See Graph	PASS
Band25	3MHz	16QAM	26055	1RB#0	See Graph	PASS
Band25	3MHz	16QAM	26055	15RB#0	See Graph	PASS
Band25	3MHz	16QAM	26675	1RB#14	See Graph	PASS
Band25	3MHz	16QAM	26675	15RB#0	See Graph	PASS
Band25	5MHz	QPSK	26065	1RB#0	See Graph	PASS
Band25	5MHz	QPSK	26065	25RB#0	See Graph	PASS
Band25	5MHz	QPSK	26665	1RB#24	See Graph	PASS
Band25	5MHz	QPSK	26665	25RB#0	See Graph	PASS
Band25	5MHz	16QAM	26065	1RB#0	See Graph	PASS
Band25	5MHz	16QAM	26065	25RB#0	See Graph	PASS
Band25	5MHz	16QAM	26665	1RB#24	See Graph	PASS
Band25	5MHz	16QAM	26665	25RB#0	See Graph	PASS
Band25	10MHz	QPSK	26090	1RB#0	See Graph	PASS
Band25	10MHz	QPSK	26090	50RB#0	See Graph	PASS
Band25	10MHz	QPSK	26640	1RB#49	See Graph	PASS
Band25	10MHz	QPSK	26640	50RB#0	See Graph	PASS
Band25	10MHz	16QAM	26090	1RB#0	See Graph	PASS
Band25	10MHz	16QAM	26090	27RB#0	See Graph	PASS
Band25	10MHz	16QAM	26640	1RB#49	See Graph	PASS
Band25	10MHz	16QAM	26640	27RB#23	See Graph	PASS
Band25	15MHz	QPSK	26115	1RB#0	See Graph	PASS
Band25	15MHz	QPSK	26115	75RB#0	See Graph	PASS
Band25	15MHz	QPSK	26615	1RB#74	See Graph	PASS
Band25	15MHz	QPSK	26615	75RB#0	See Graph	PASS
Band25	15MHz	16QAM	26115	1RB#0	See Graph	PASS
Band25	15MHz	16QAM	26115	27RB#0	See Graph	PASS
Band25	15MHz	16QAM	26615	1RB#74	See Graph	PASS
Band25	15MHz	16QAM	26615	27RB#48	See Graph	PASS
Band25	20MHz	QPSK	26140	1RB#0	See Graph	PASS
Band25	20MHz	QPSK	26140	100RB#0	See Graph	PASS
Band25	20MHz	QPSK	26590	1RB#99	See Graph	PASS
Band25	20MHz	QPSK	26590	100RB#0	See Graph	PASS
Band25	20MHz	16QAM	26140	1RB#0	See Graph	PASS
Band25	20MHz	16QAM	26140	27RB#0	See Graph	PASS
Band25	20MHz	16QAM	26590	1RB#99	See Graph	PASS
Band25	20MHz	16QAM	26590	27RB#73	See Graph	PASS

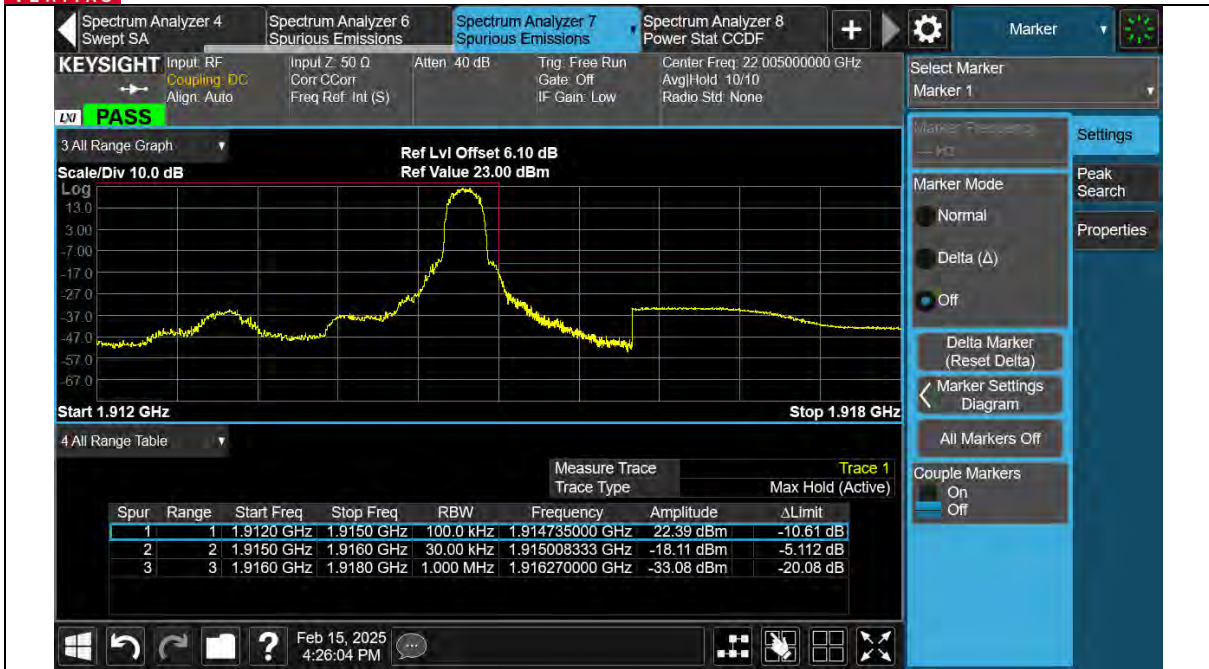


Test Graphs

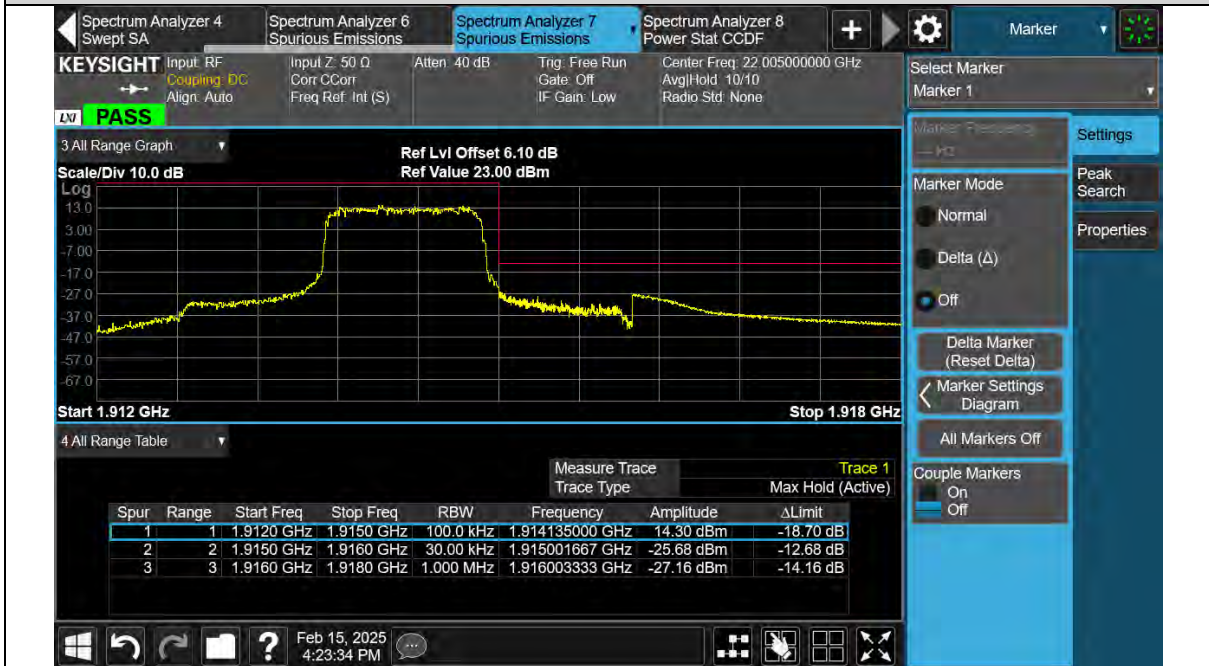




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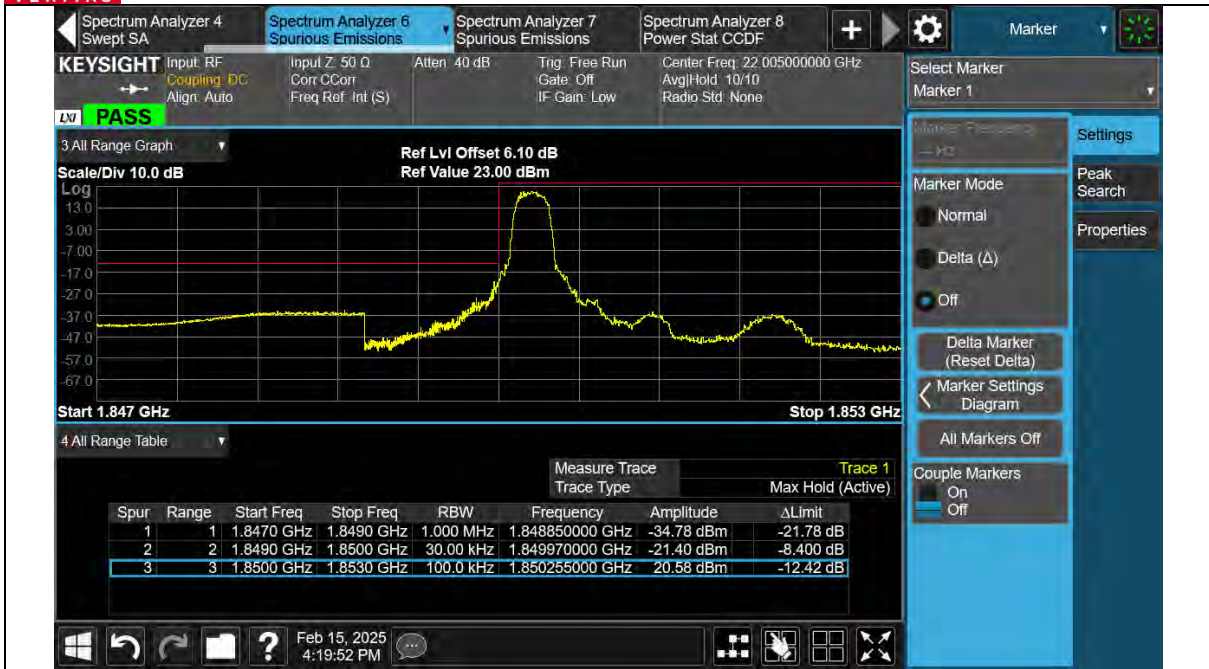
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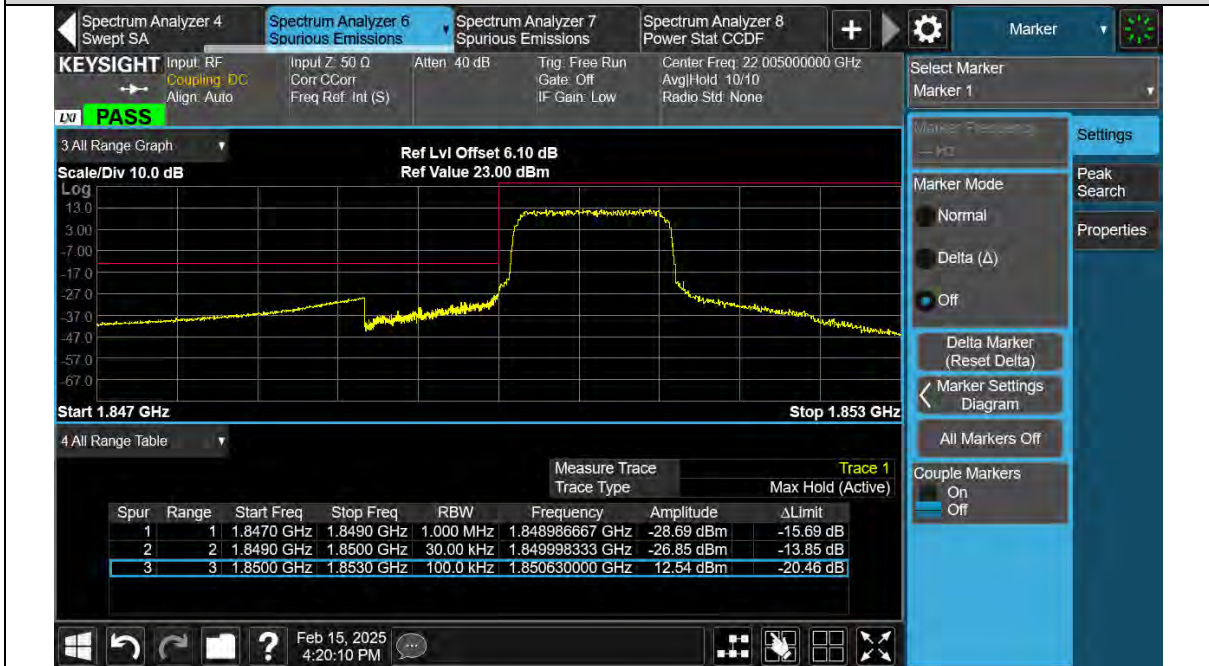
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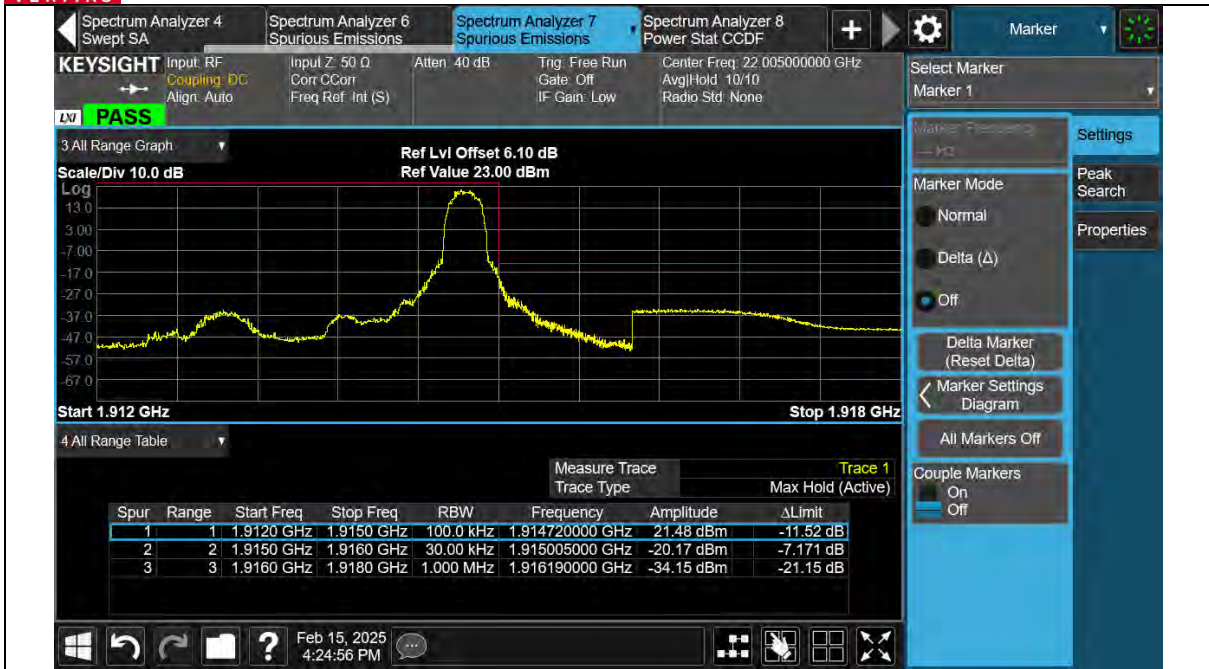
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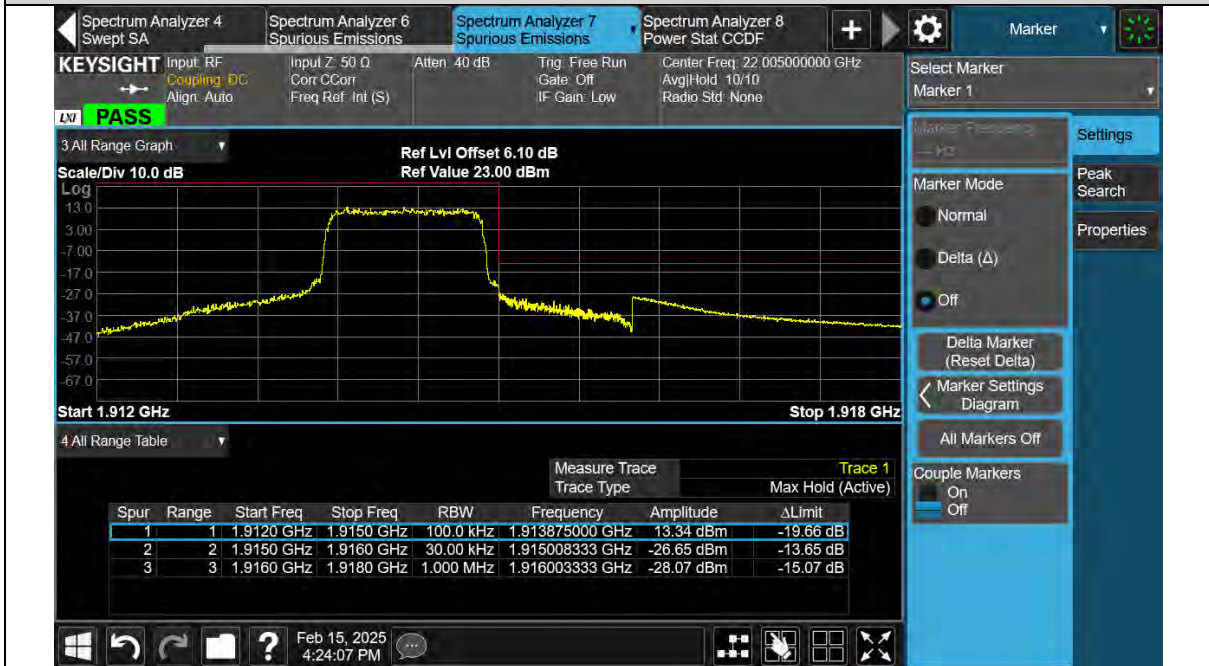
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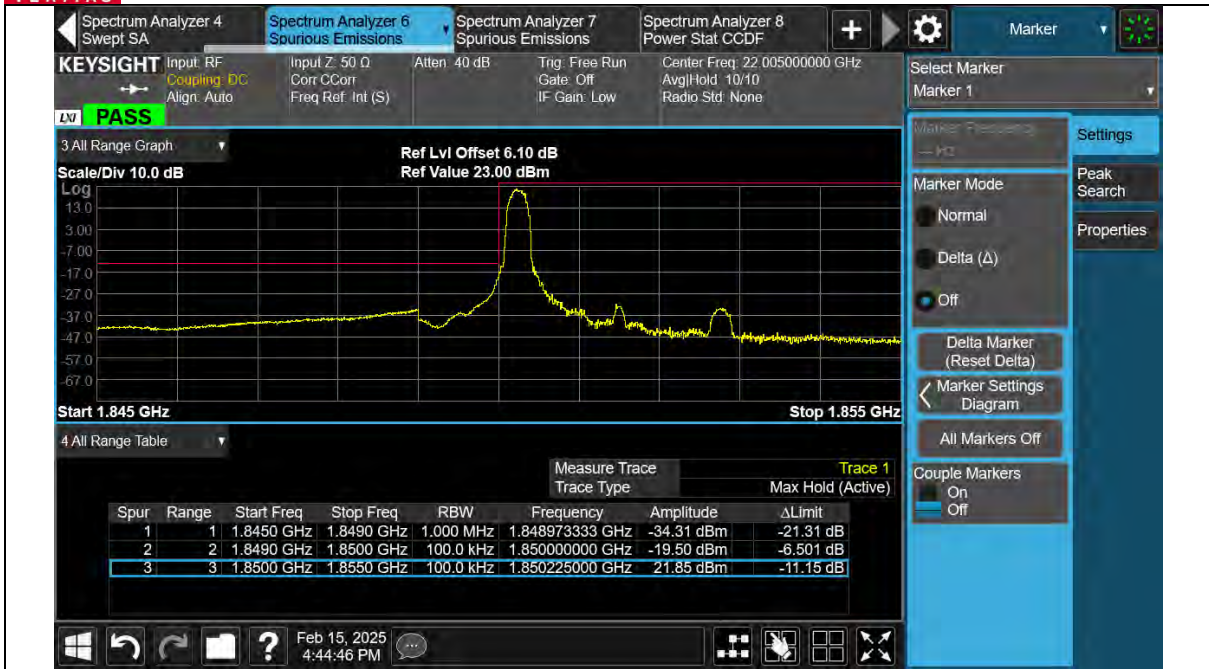
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Band25-3MHz-QPSK-26055-1RB#0



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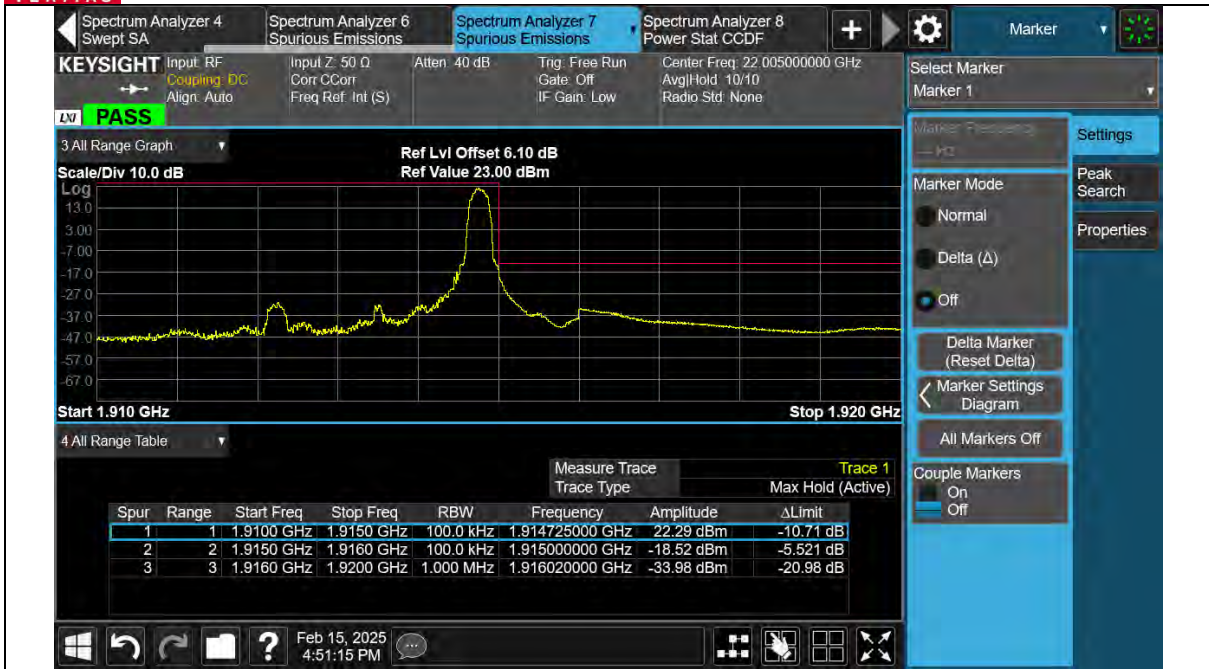
Band25-3MHz-QPSK-26055-15RB#0



Band25-3MHz-QPSK-26675-1RB#14



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Band25-3MHz-QPSK-26675-15RB#0



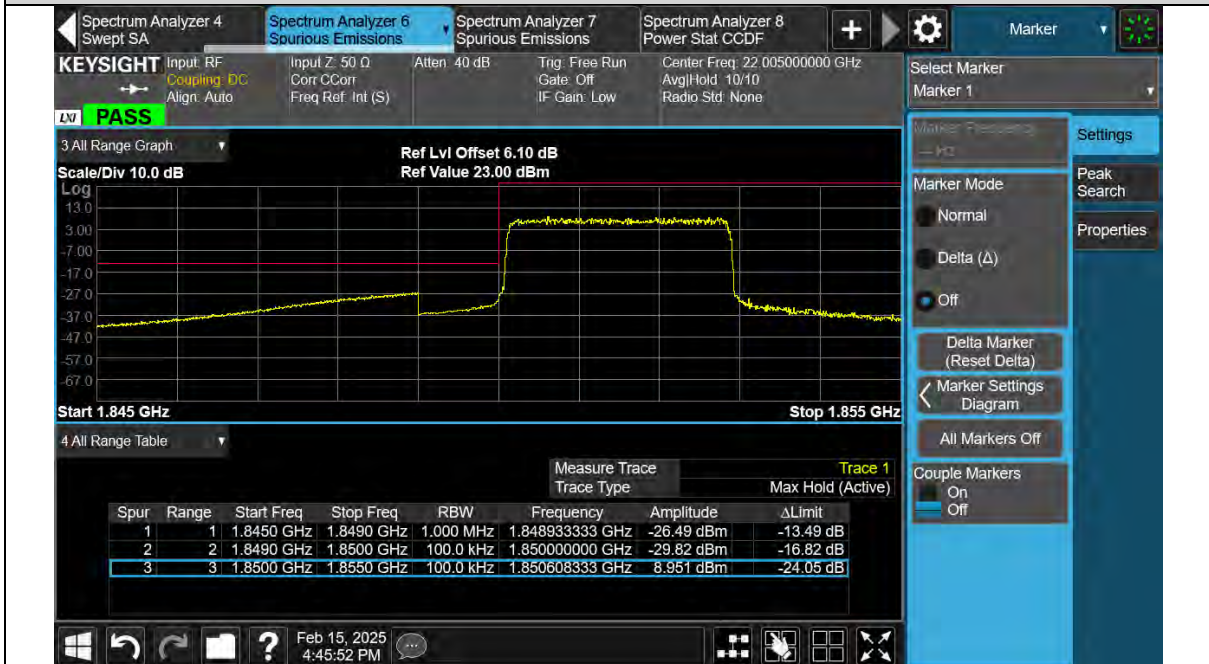
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BUREAU VERITAS Test Report No.: PSZ-NQN2412300616RF02



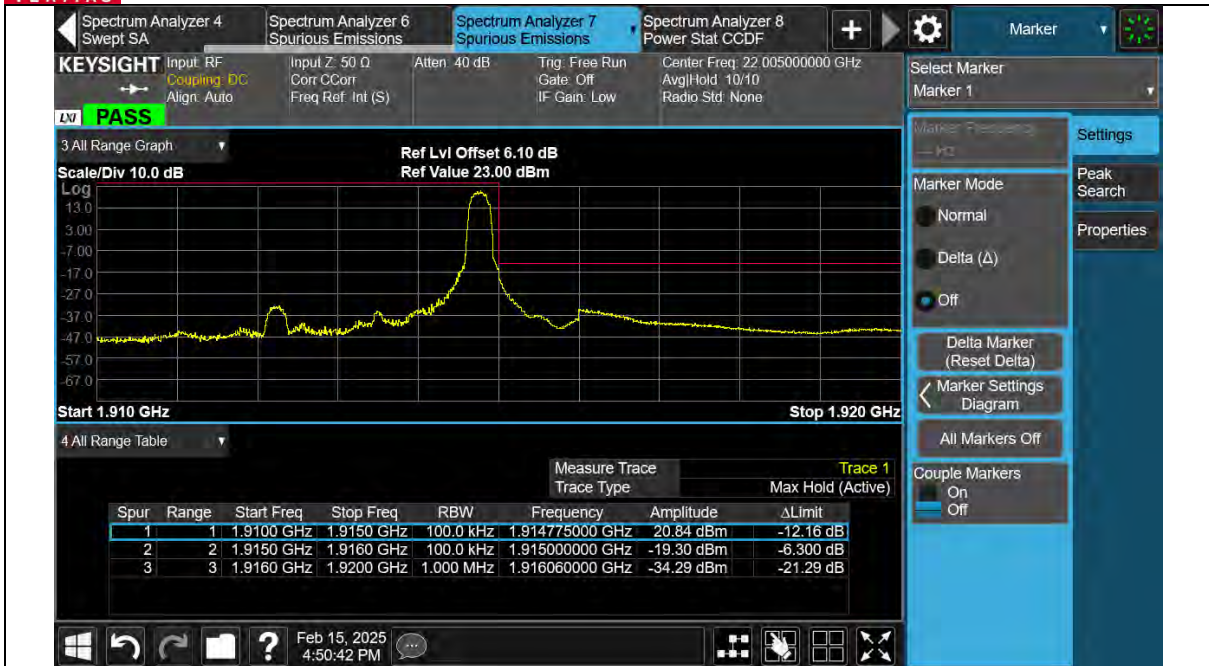
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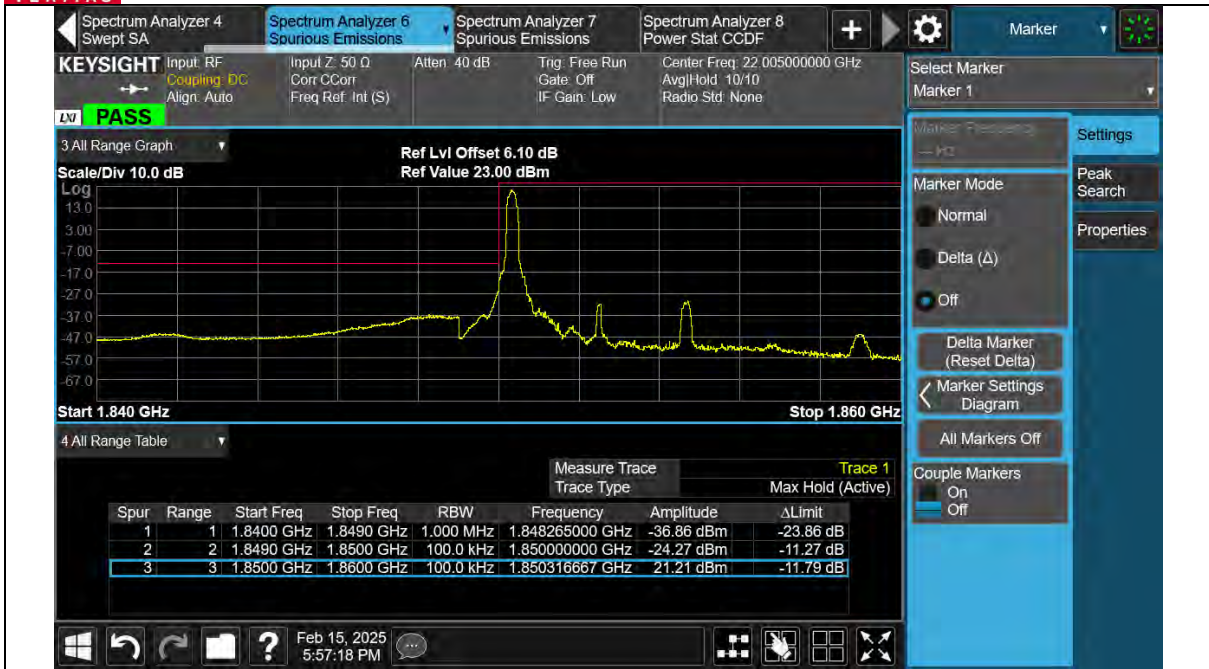
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Band25-5MHz-QPSK-26065-1RB#0



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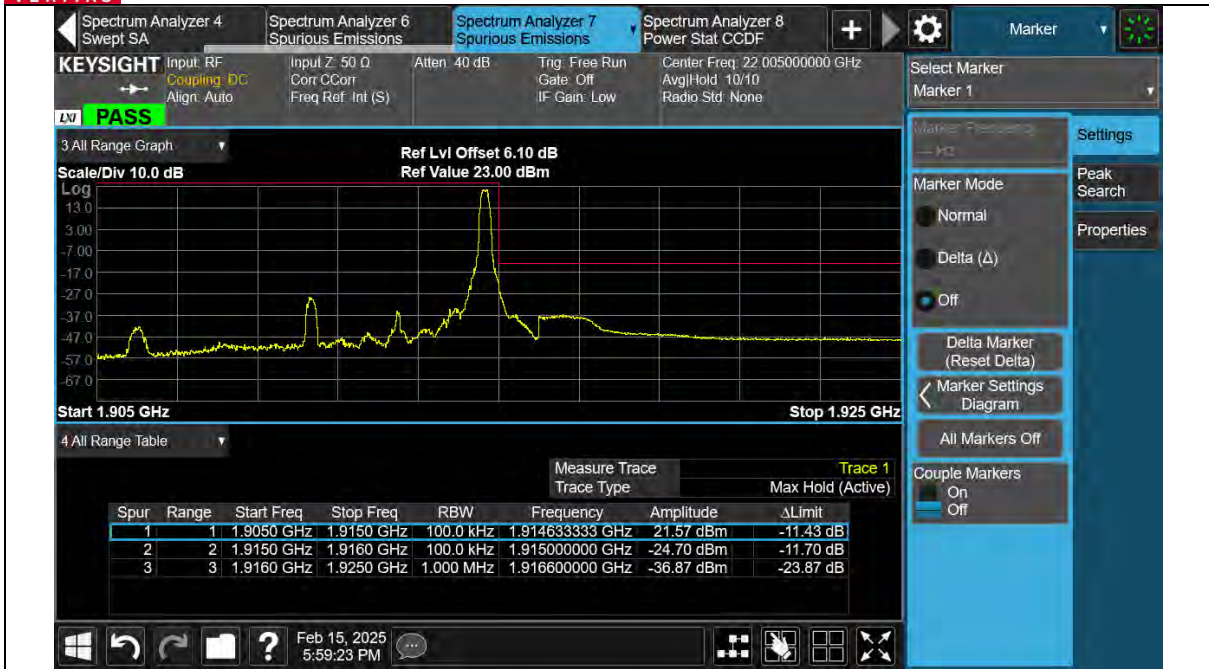
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Band25-5MHz-QPSK-26665-1RB#24



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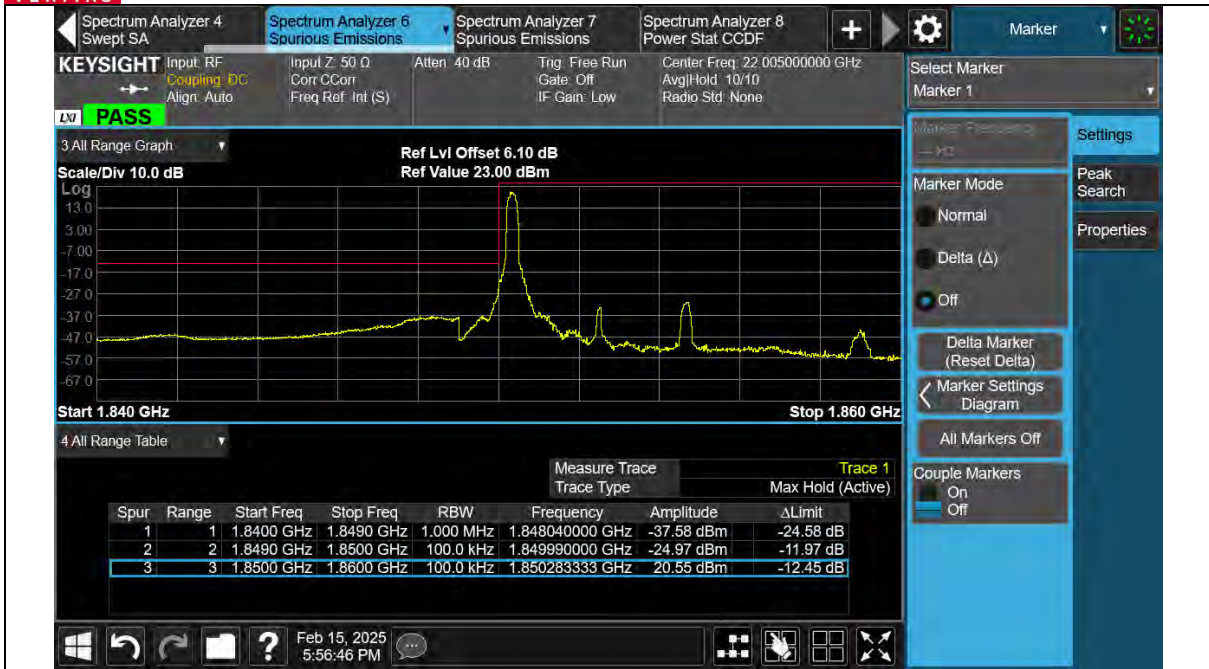
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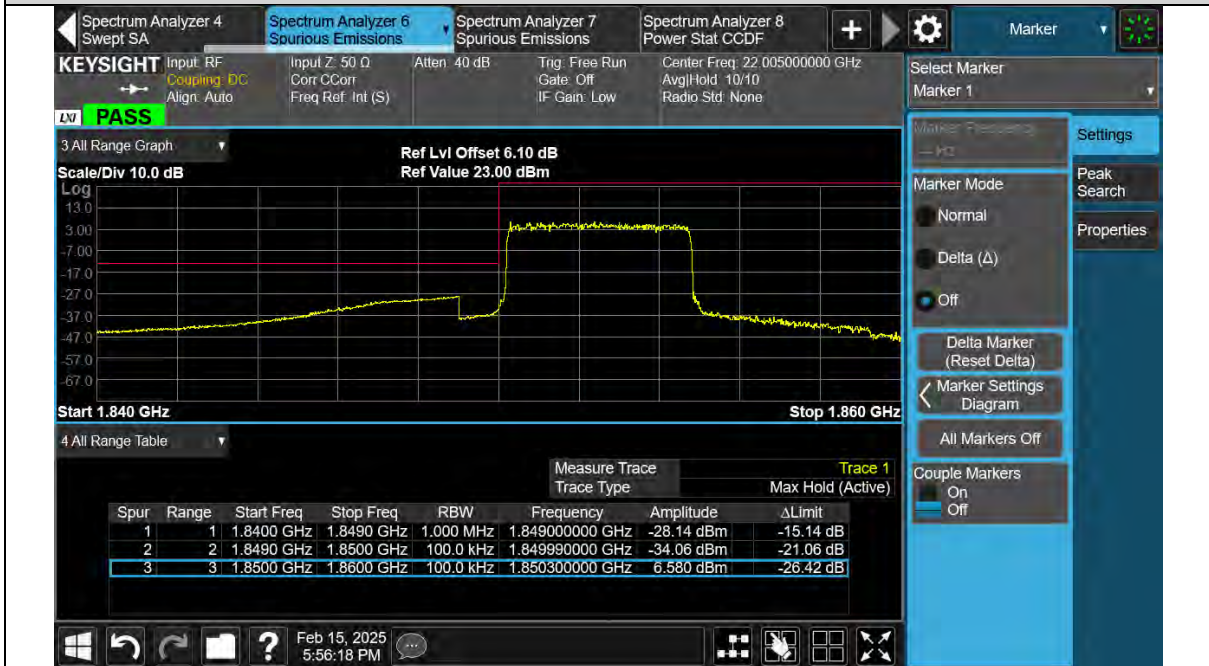
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BUREAU VERITAS Test Report No.: PSZ-NQN2412300616RF02



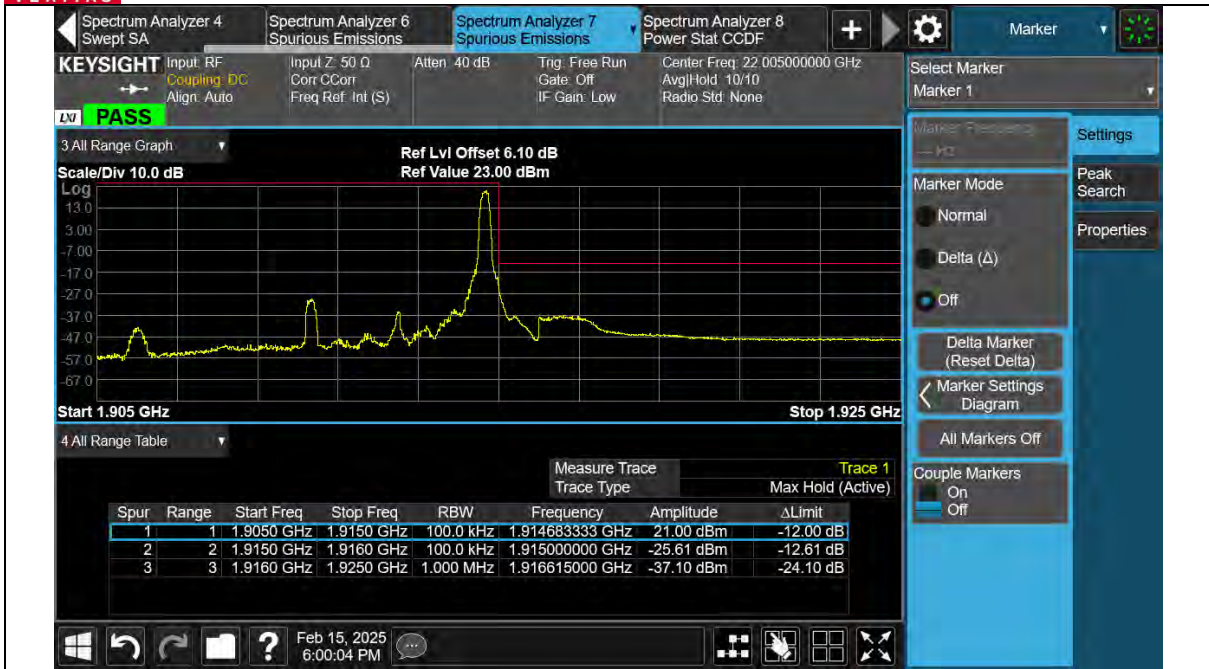
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Band25-5MHz-16QAM-26665-1RB#24



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Band25-5MHz-16QAM-26665-25RB#0



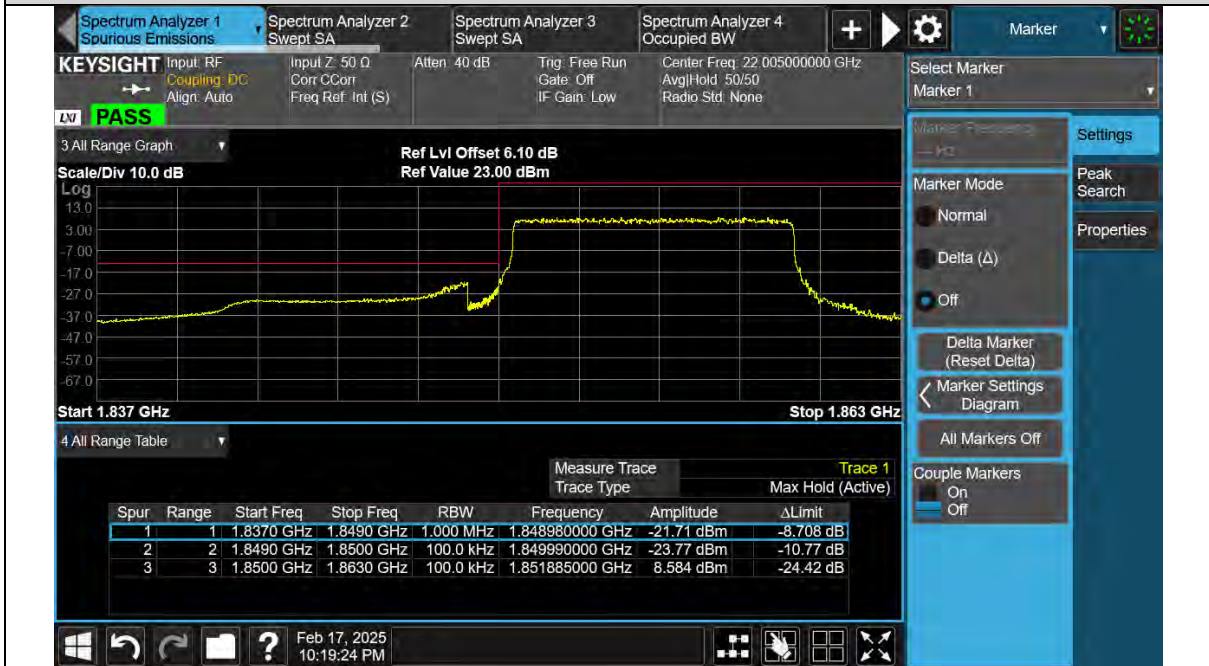
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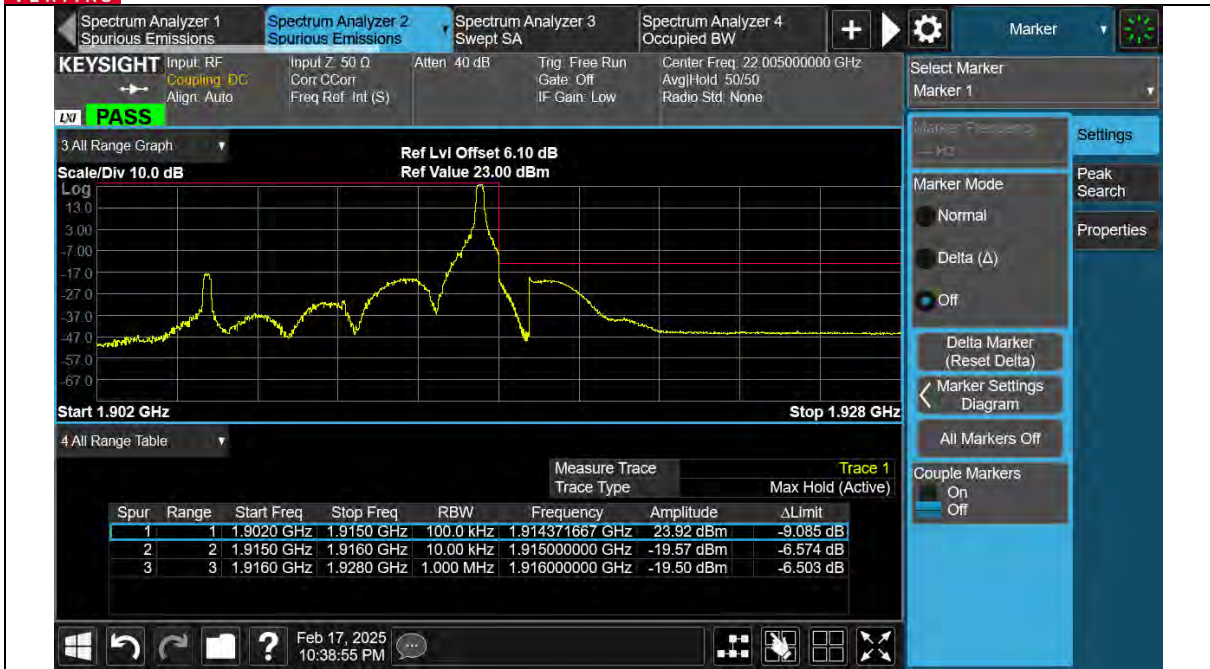
Band25-10MHz-QPSK-26090-50RB#0



Band25-10MHz-QPSK-26640-1RB#49



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Band25-10MHz-QPSK-26640-50RB#0



Band25-10MHz-16QAM-26090-1RB#0



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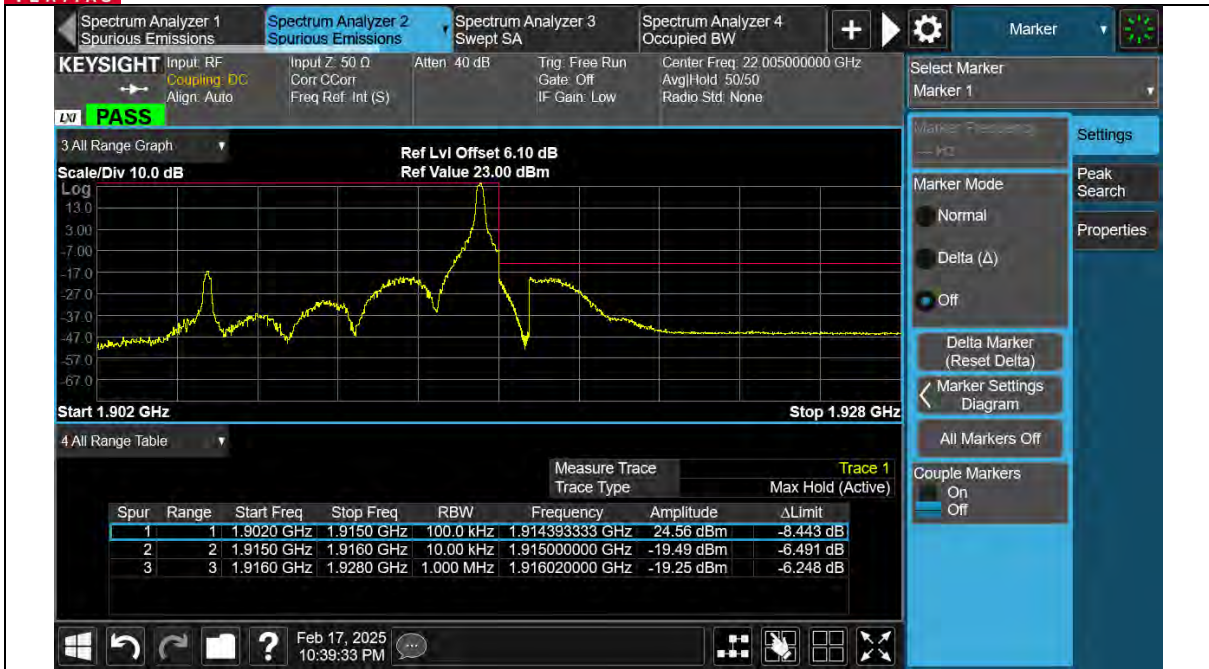
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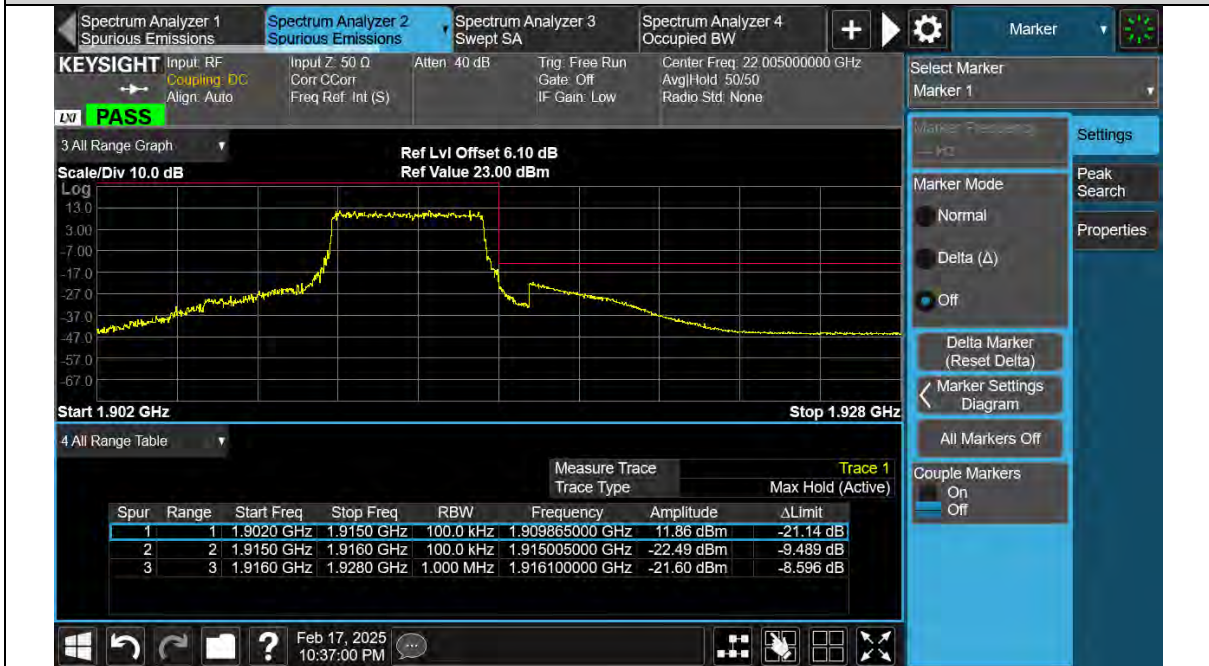
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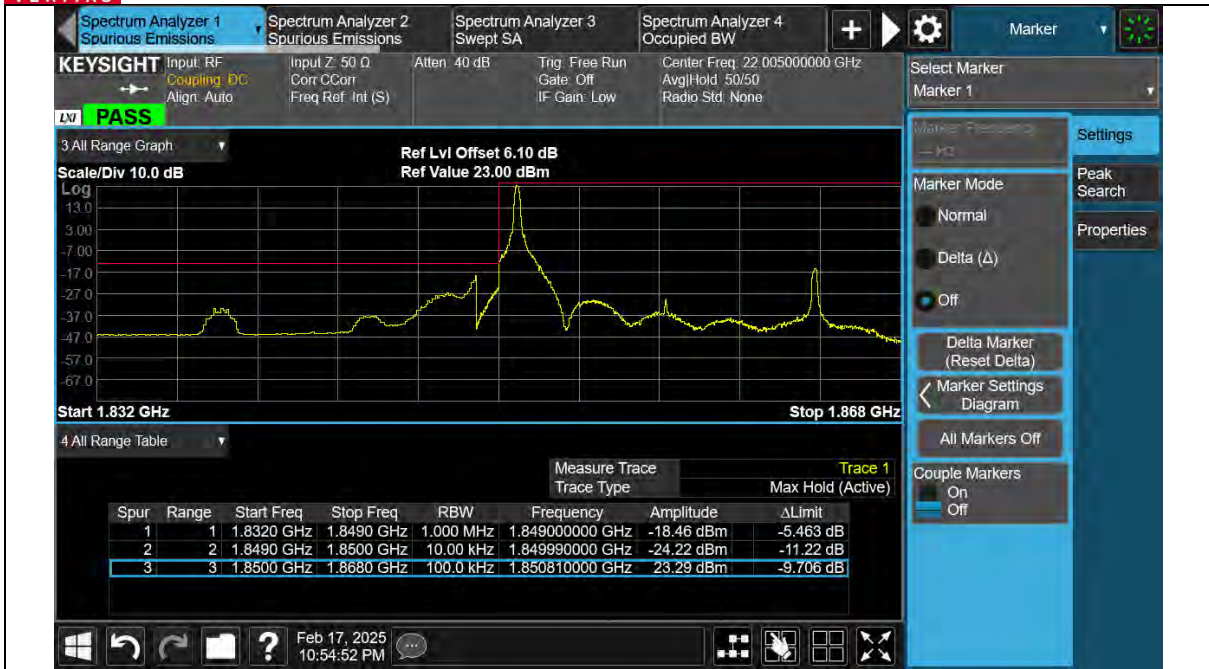
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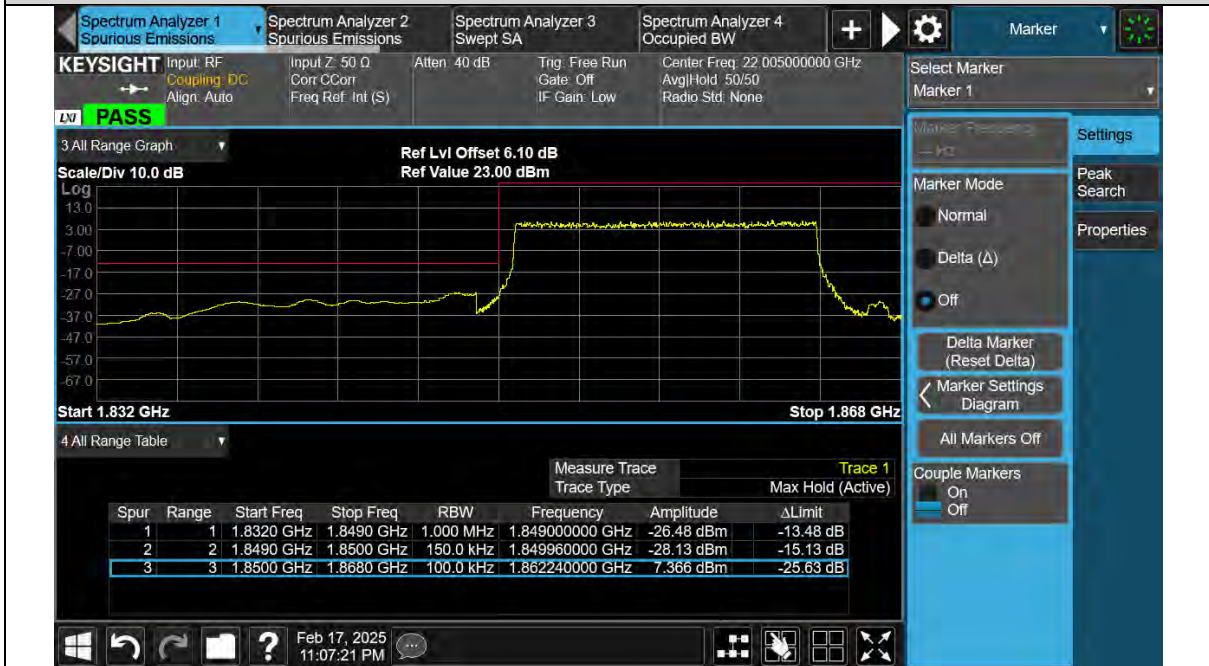
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BUREAU VERITAS Test Report No.: PSZ-NQN2412300616RF02



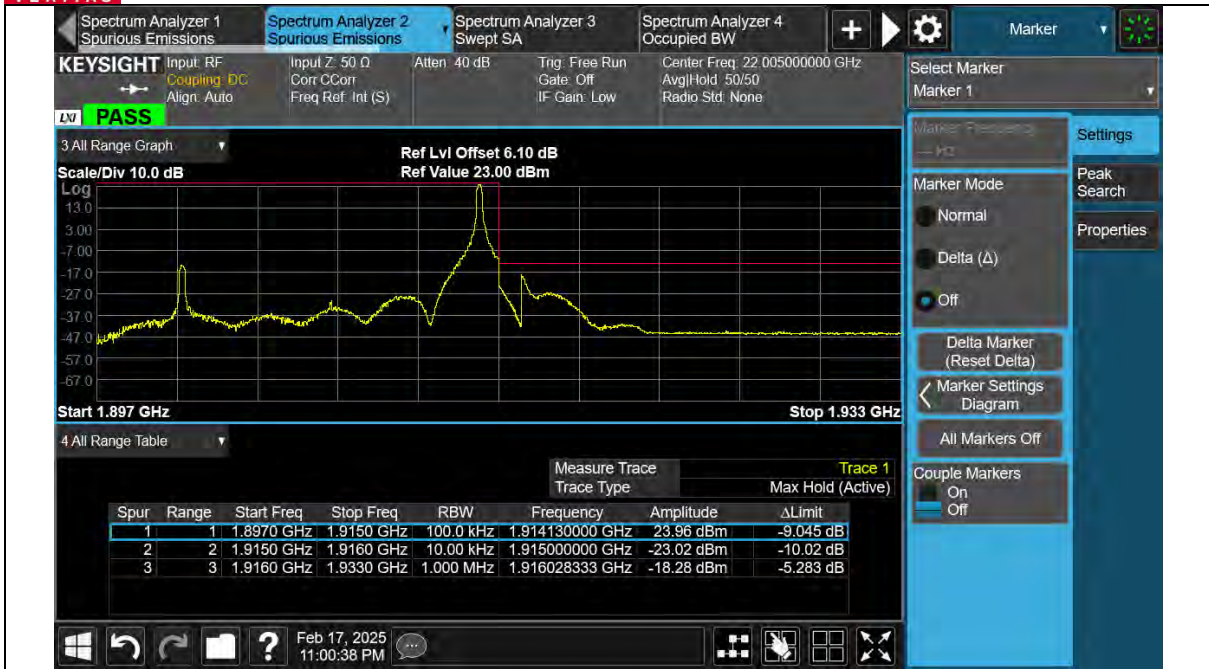
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Band25-15MHz-QPSK-26615-1RB#74



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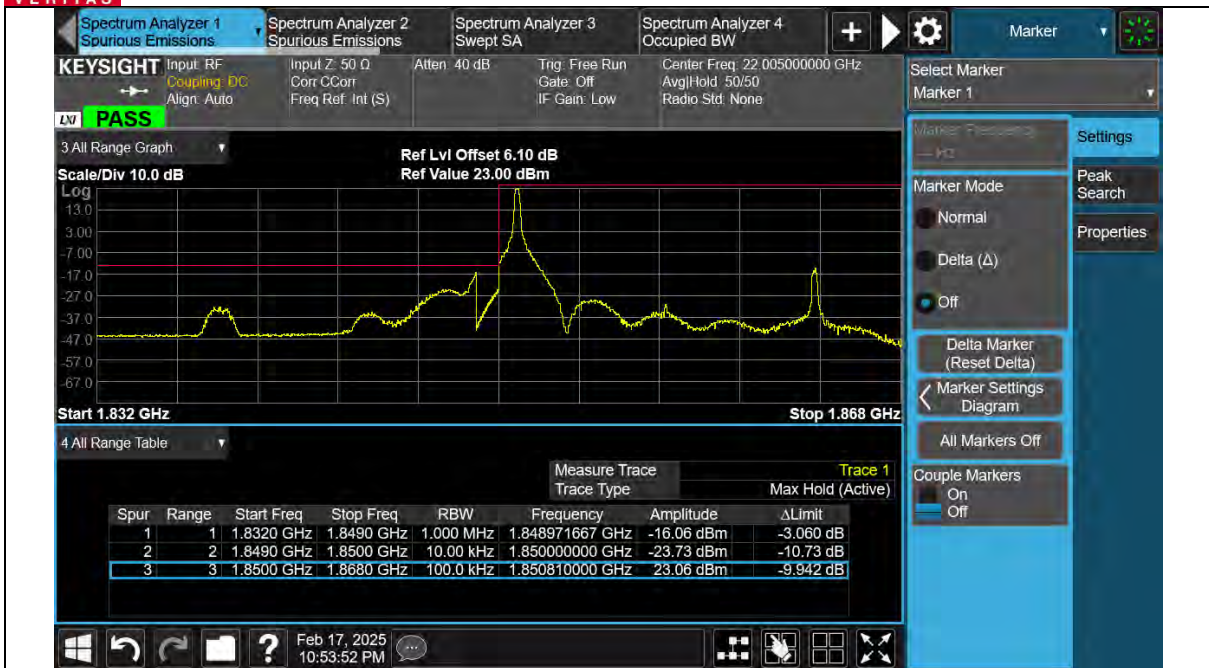
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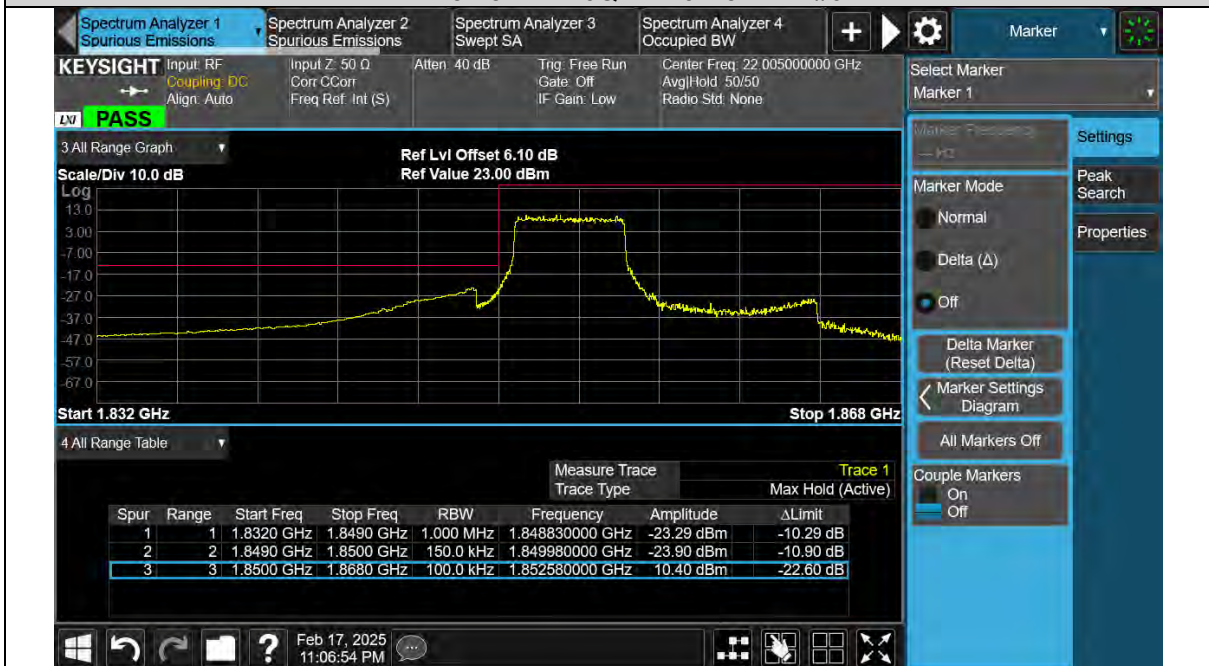
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BUREAU VERITAS Test Report No.: PSZ-NQN2412300616RF02



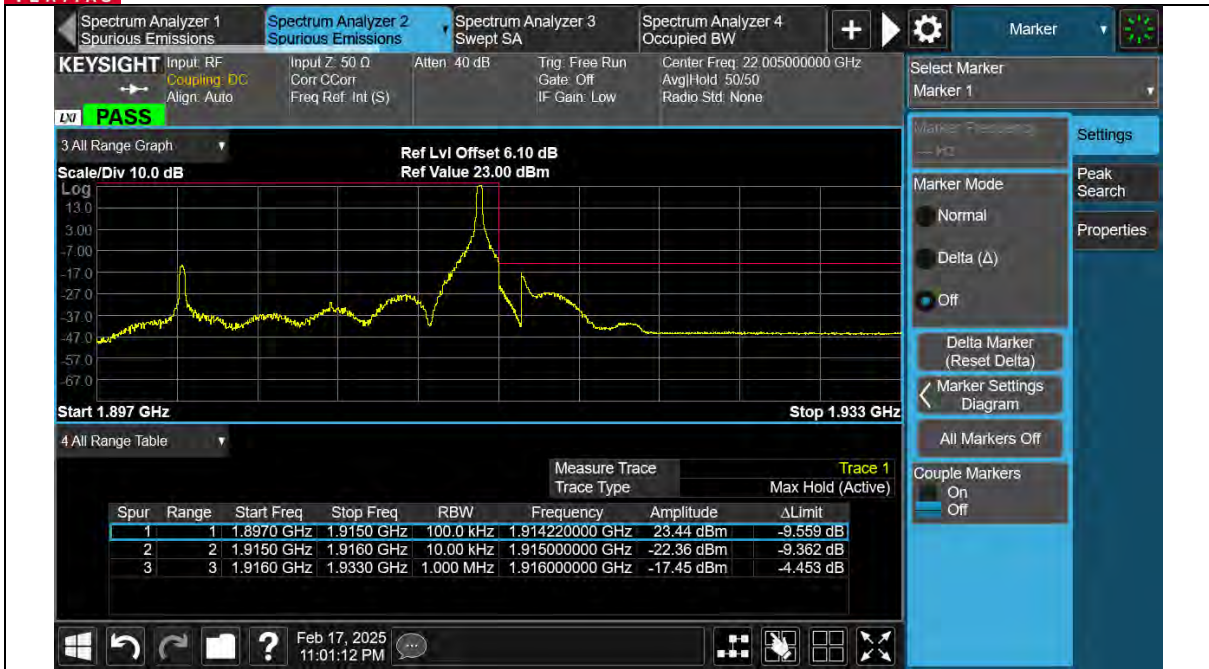
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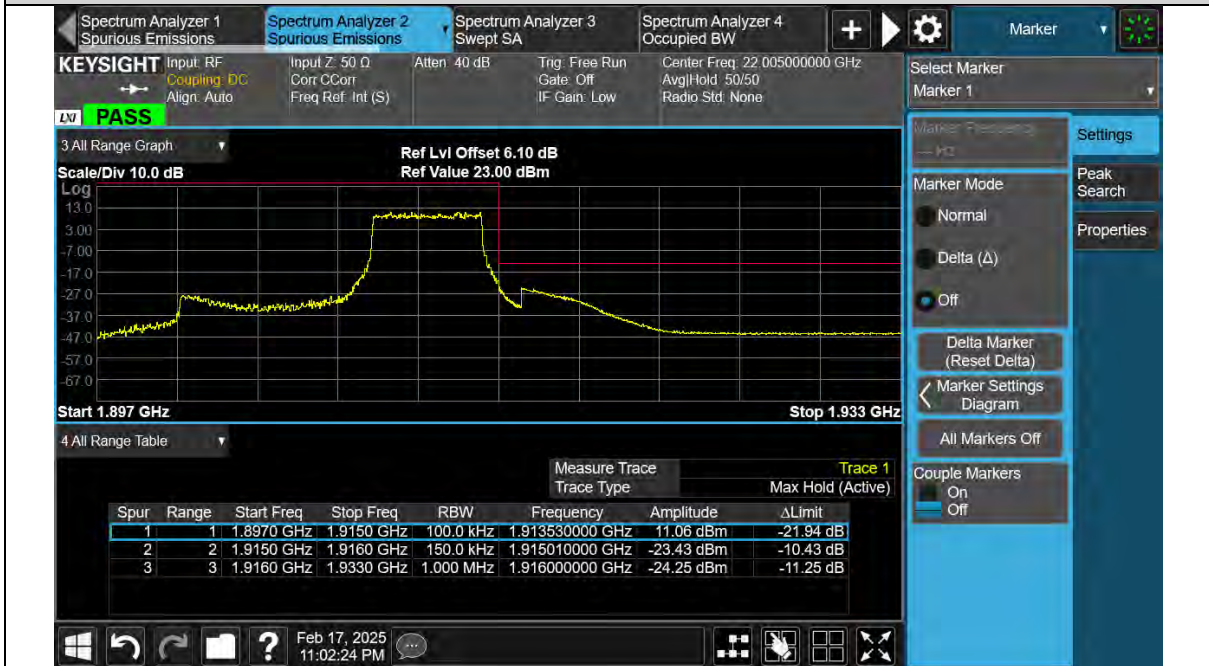
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BUREAU VERITAS Test Report No.: PSZ-NQN2412300616RF02



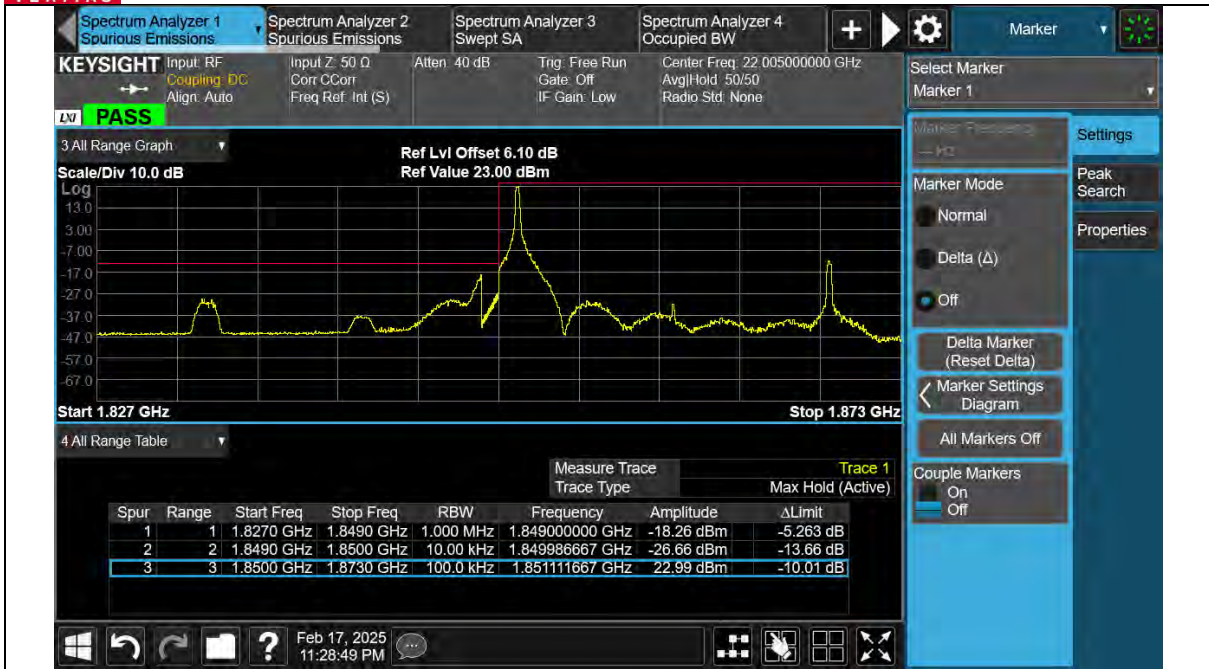
Band25-15MHz-16QAM-26615-27RB#48



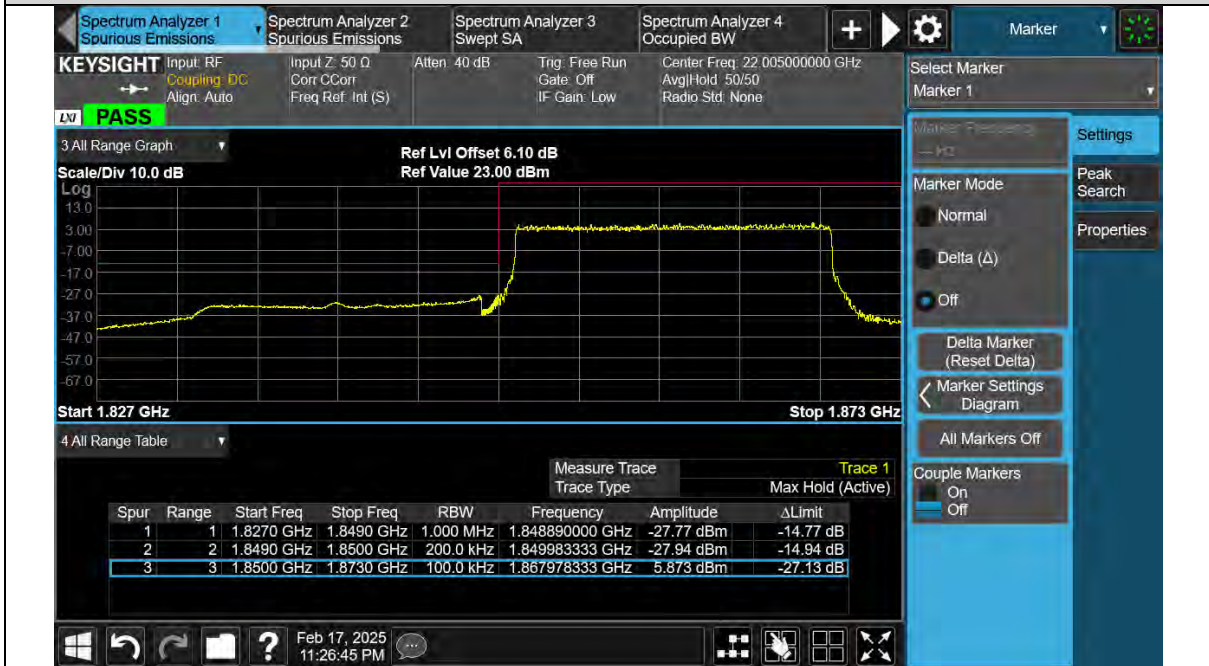
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BUREAU VERITAS Test Report No.: PSZ-NQN2412300616RF02



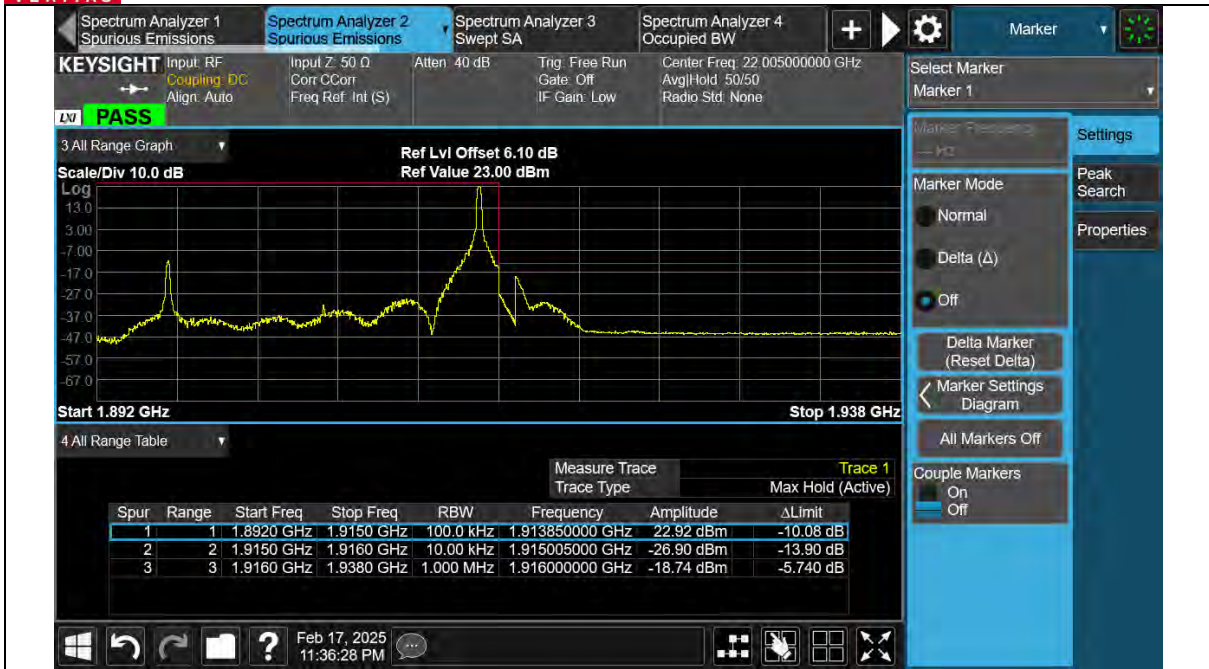
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Band25-20MHz-QPSK-26590-1RB#99



BUREAU VERITAS Test Report No.: PSZ-NQN2412300616RF02



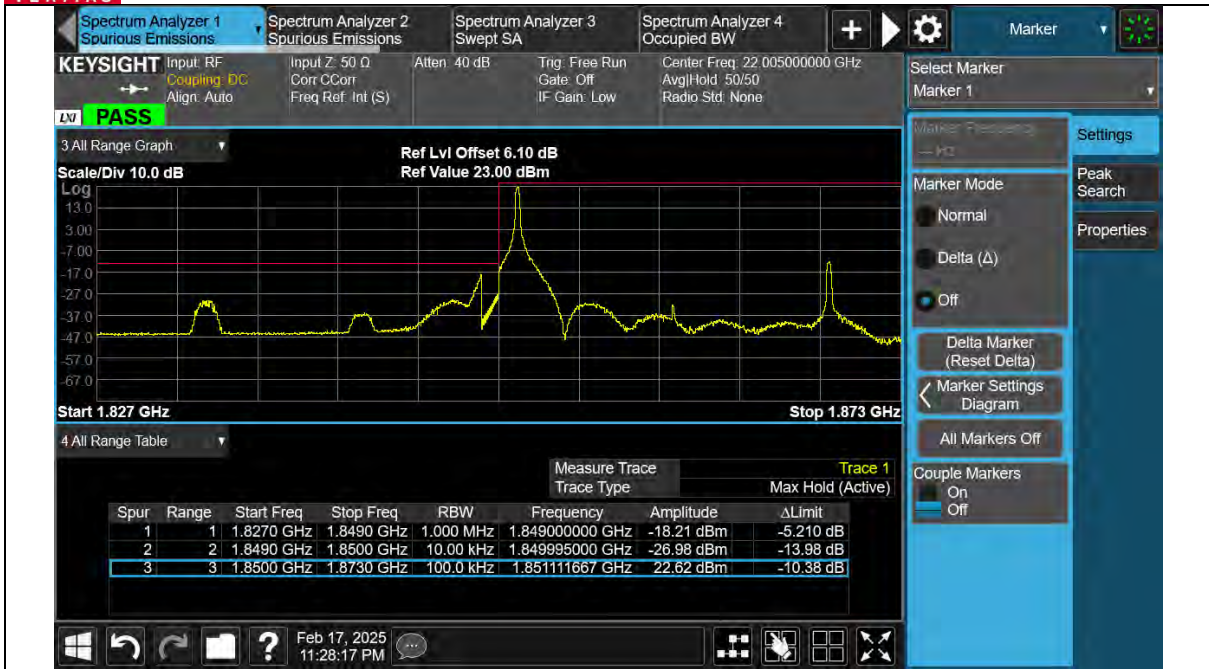
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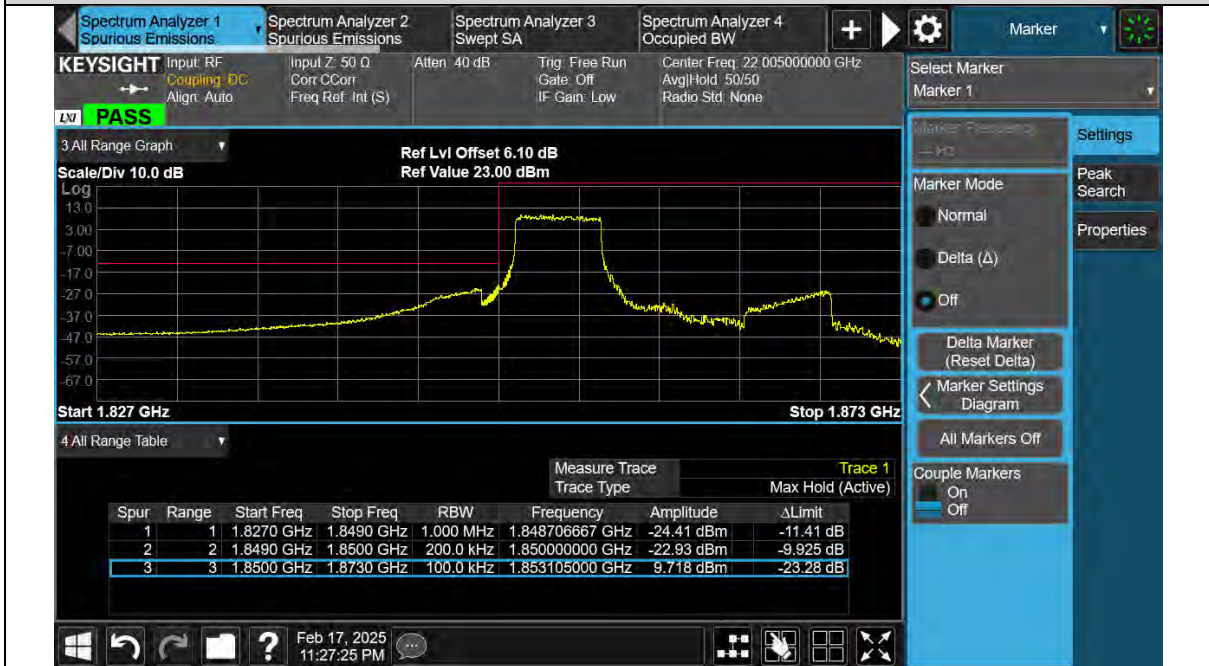
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BUREAU VERITAS Test Report No.: PSZ-NQN2412300616RF02



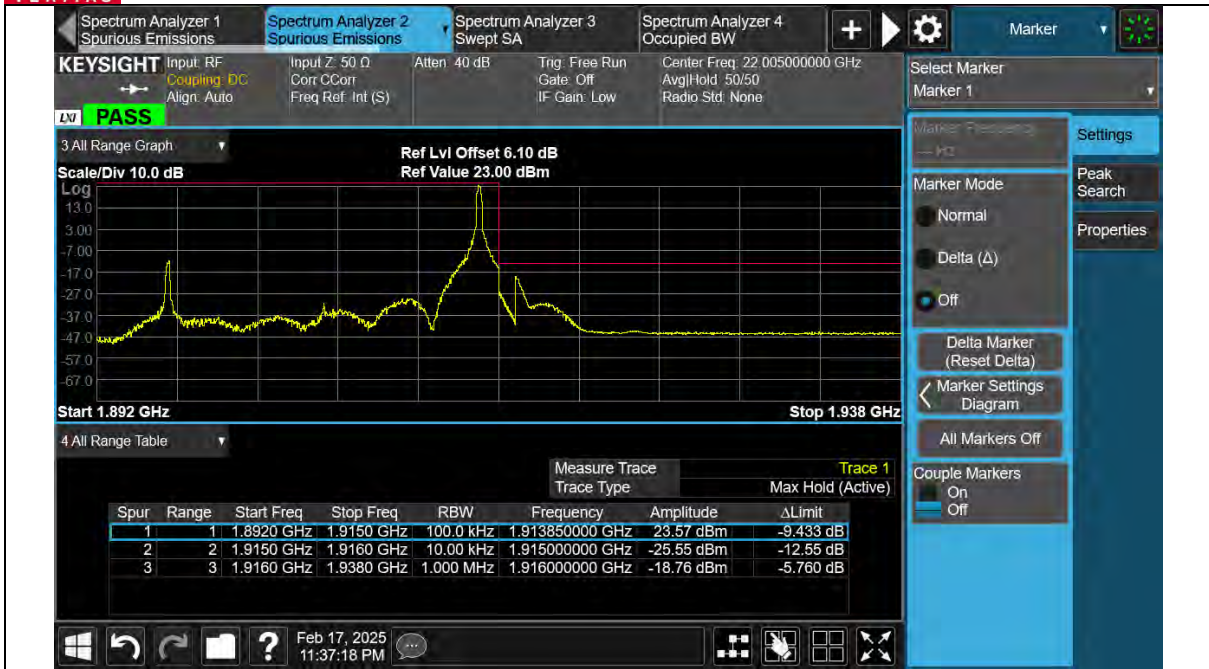
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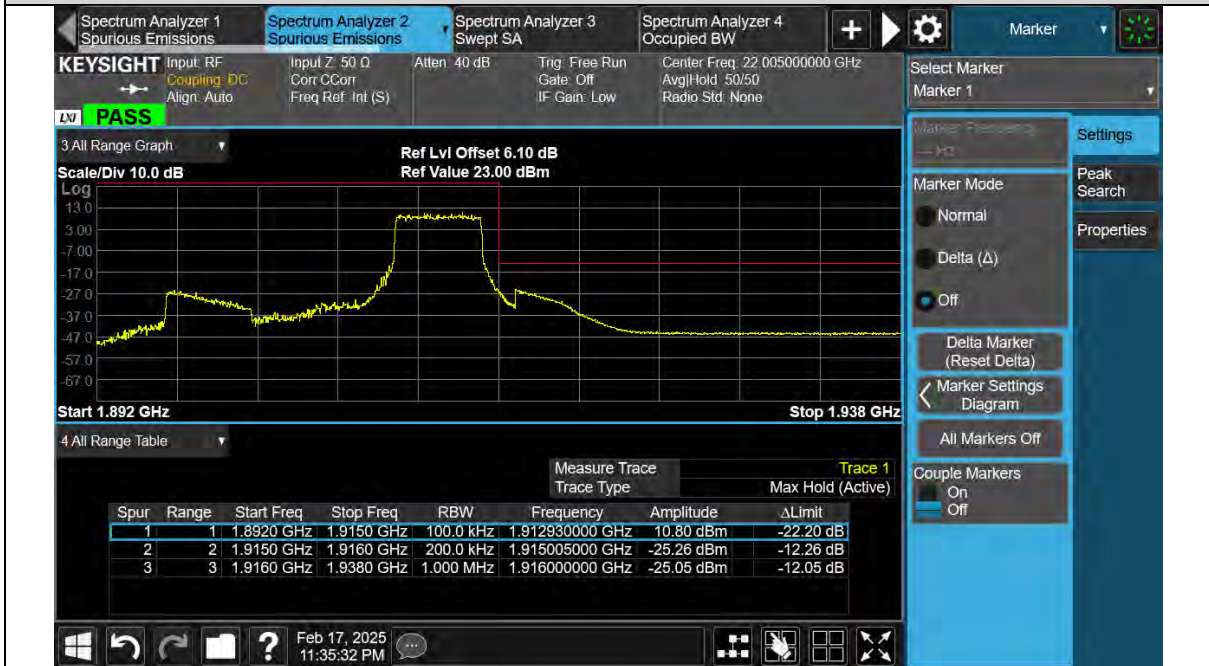
Band25-20MHz-16QAM-26590-1RB#99



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Band25-20MHz-16QAM-26590-27RB#73





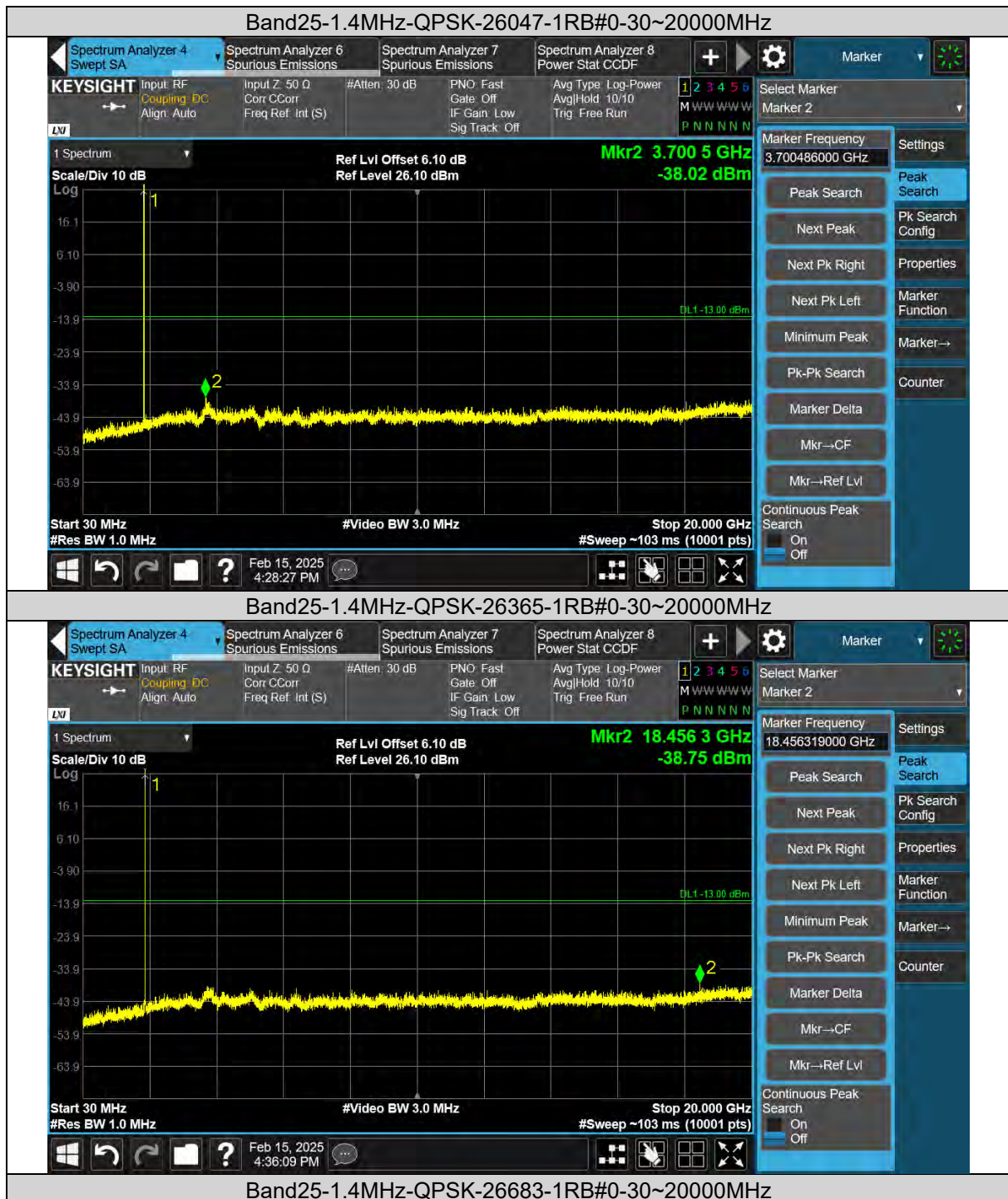
BUREAU VERITAS Test Report No.: PSZ-NQN2412300616RF02
CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	30~20000MHz	See Graph	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	30~20000MHz	See Graph	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	30~20000MHz	See Graph	PASS
Band25	3MHz	QPSK	26055	1RB#0	30~20000MHz	See Graph	PASS
Band25	3MHz	QPSK	26365	1RB#0	30~20000MHz	See Graph	PASS
Band25	3MHz	QPSK	26675	1RB#0	30~20000MHz	See Graph	PASS
Band25	5MHz	QPSK	26065	1RB#0	30~20000MHz	See Graph	PASS
Band25	5MHz	QPSK	26365	1RB#0	30~20000MHz	See Graph	PASS
Band25	5MHz	QPSK	26665	1RB#0	30~20000MHz	See Graph	PASS
Band25	10MHz	QPSK	26090	1RB#0	30~20000MHz	See Graph	PASS
Band25	10MHz	QPSK	26365	1RB#0	30~20000MHz	See Graph	PASS
Band25	10MHz	QPSK	26640	1RB#0	30~20000MHz	See Graph	PASS
Band25	15MHz	QPSK	26115	1RB#0	30~20000MHz	See Graph	PASS
Band25	15MHz	QPSK	26365	1RB#0	30~20000MHz	See Graph	PASS
Band25	15MHz	QPSK	26615	1RB#0	30~20000MHz	See Graph	PASS
Band25	20MHz	QPSK	26140	1RB#0	30~20000MHz	See Graph	PASS
Band25	20MHz	QPSK	26365	1RB#0	30~20000MHz	See Graph	PASS
Band25	20MHz	QPSK	26590	1RB#0	30~20000MHz	See Graph	PASS

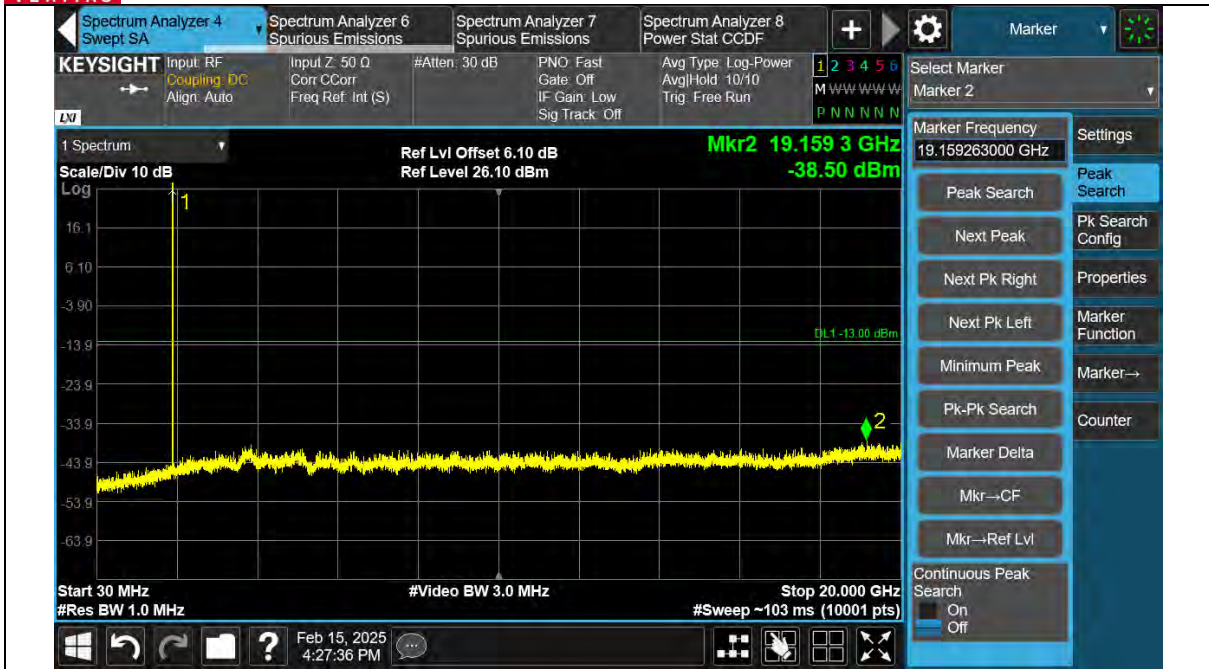


Test Graphs

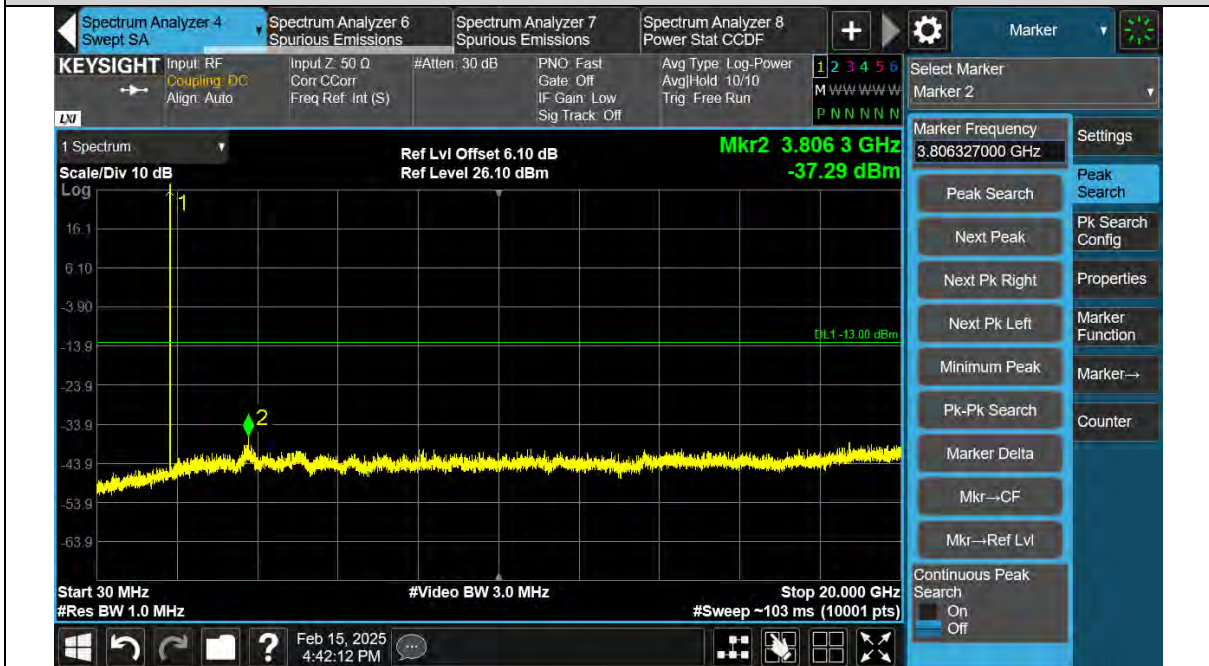




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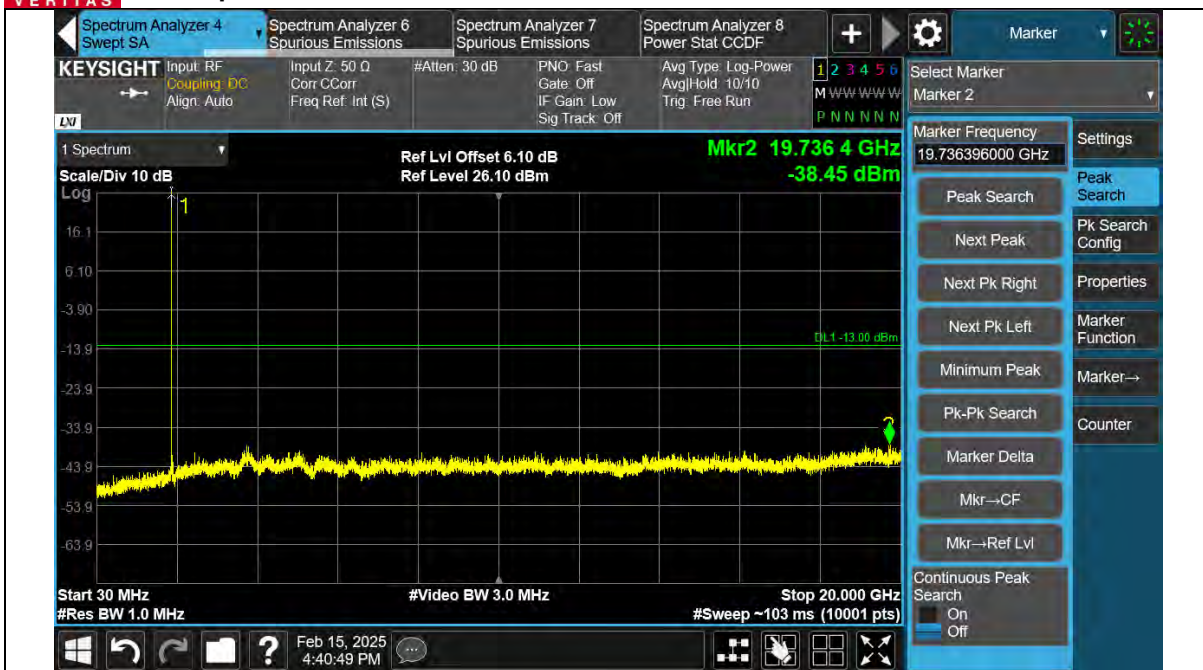
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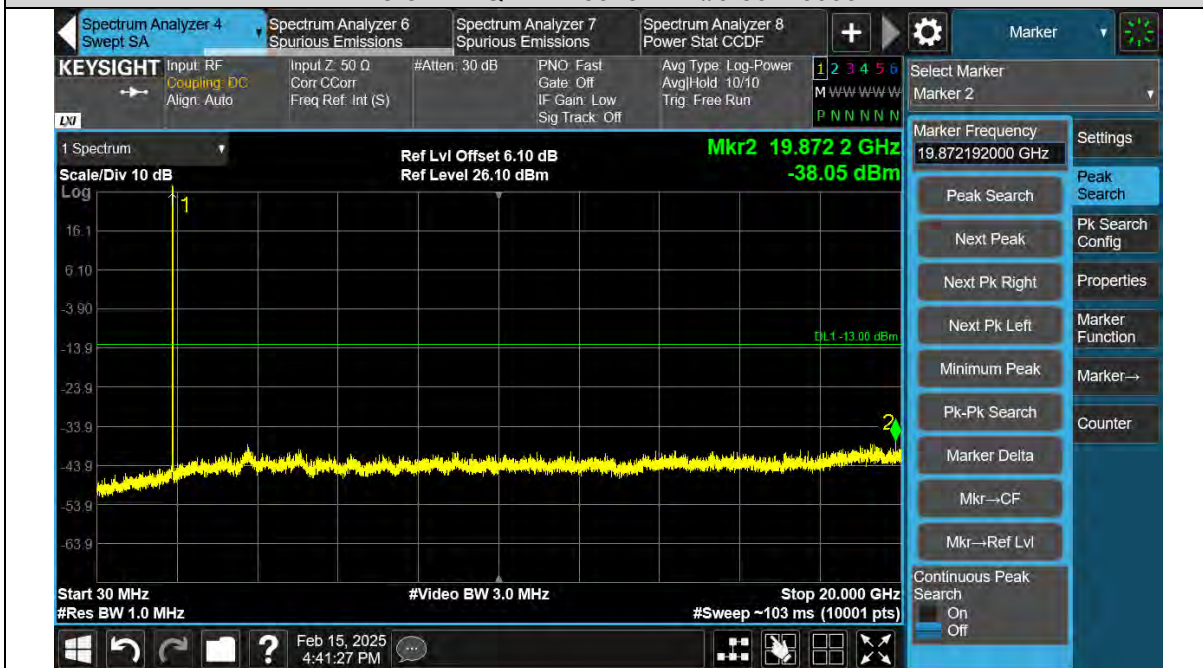
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BUREAU VERITAS Test Report No.: PSZ-NQN2412300616RF02



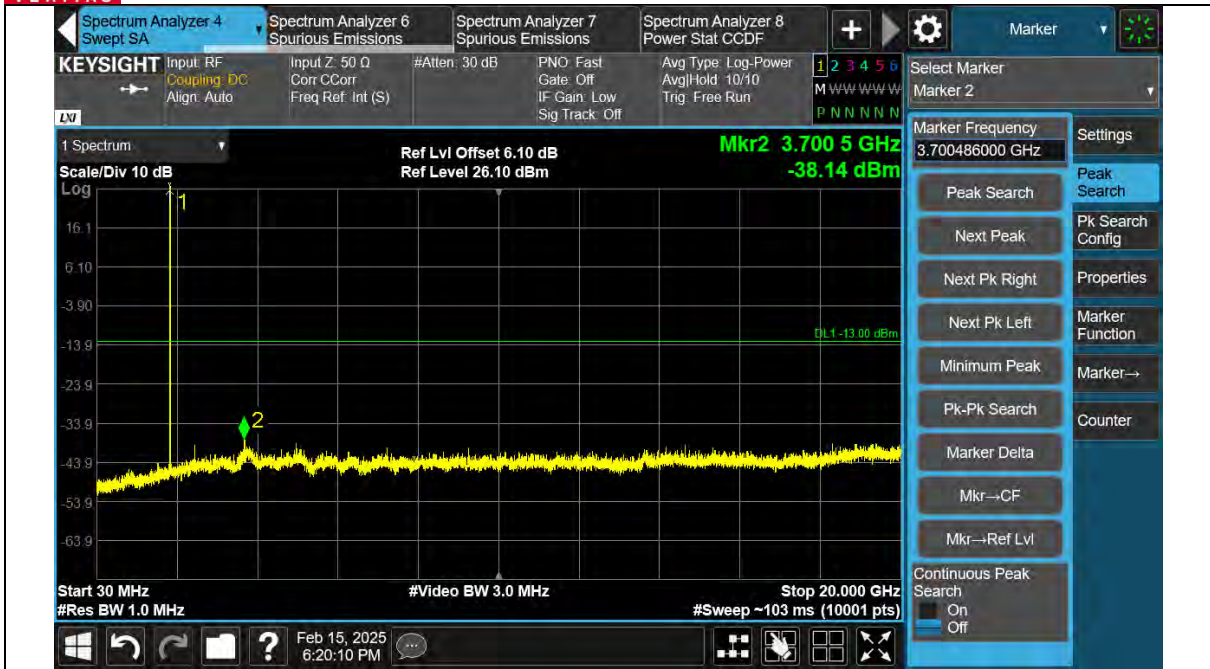
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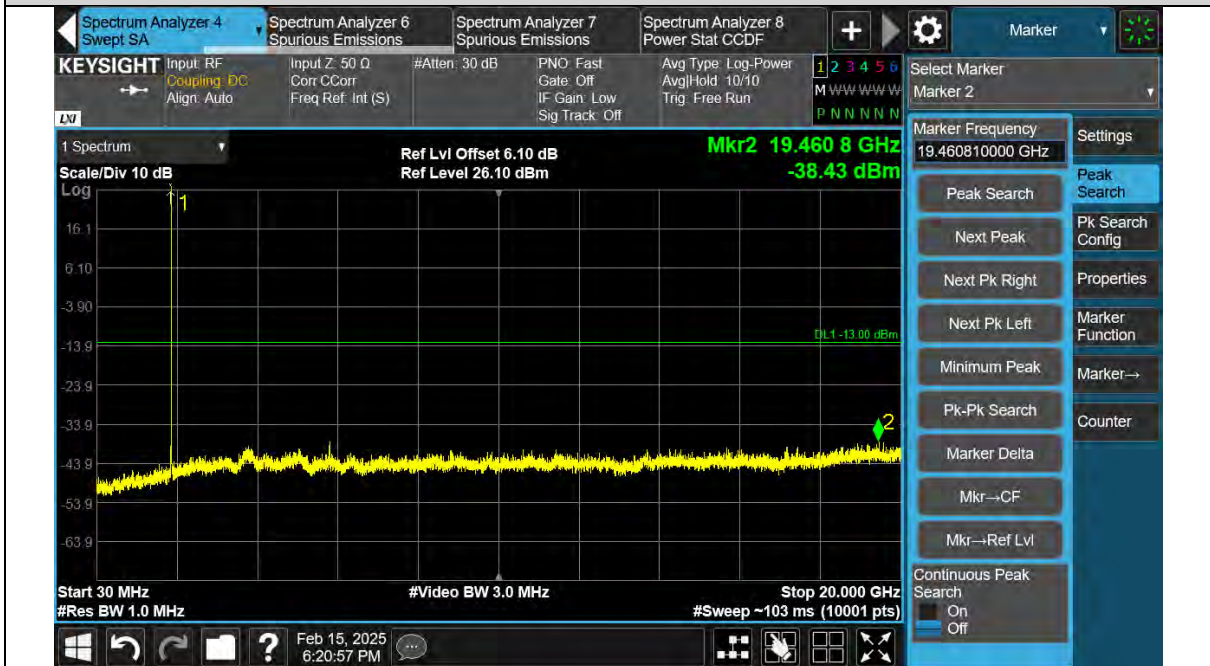
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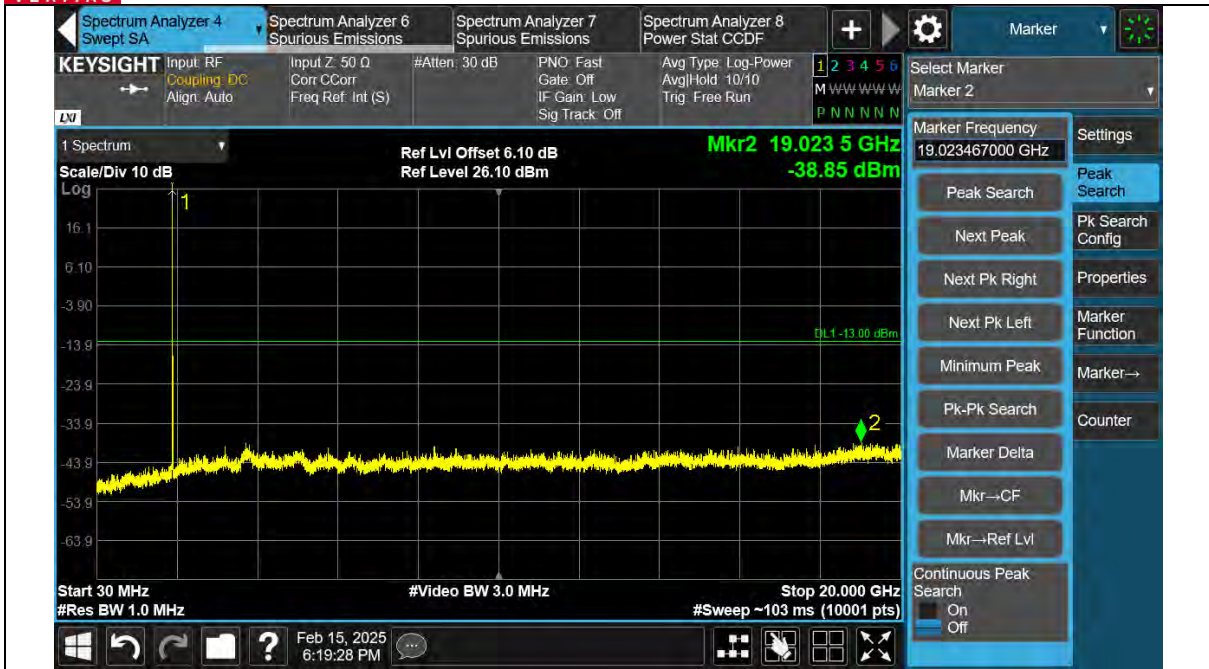
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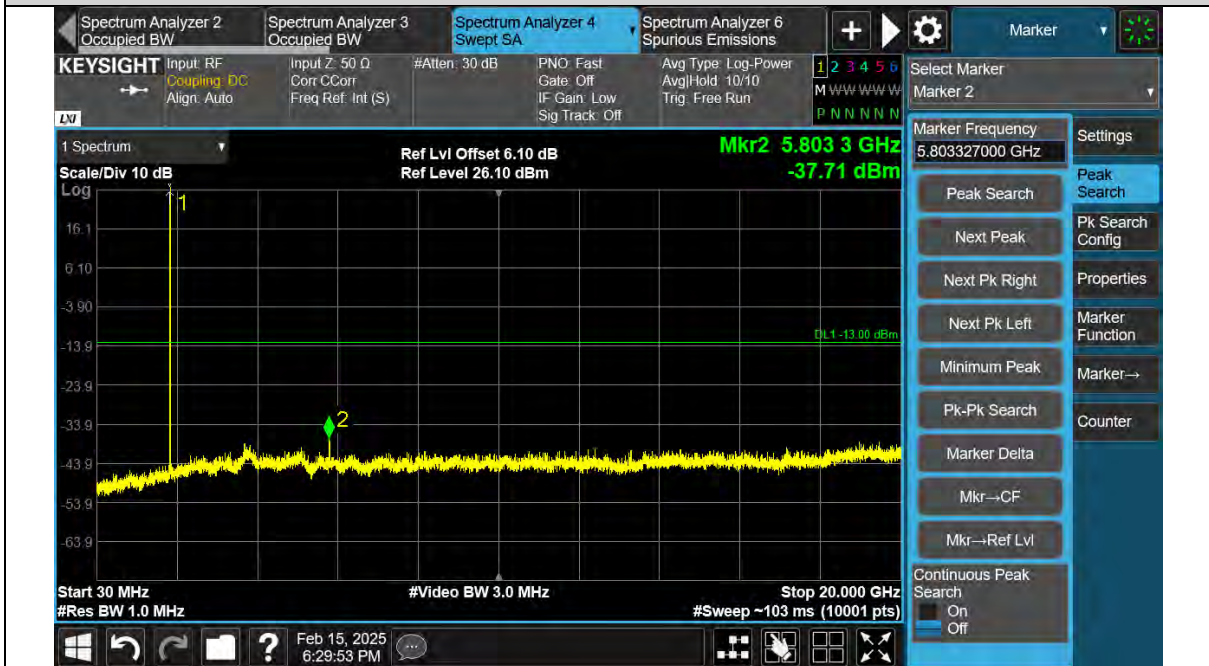
Band25-5MHz-QPSK-26665-1RB#0-30~20000MHz



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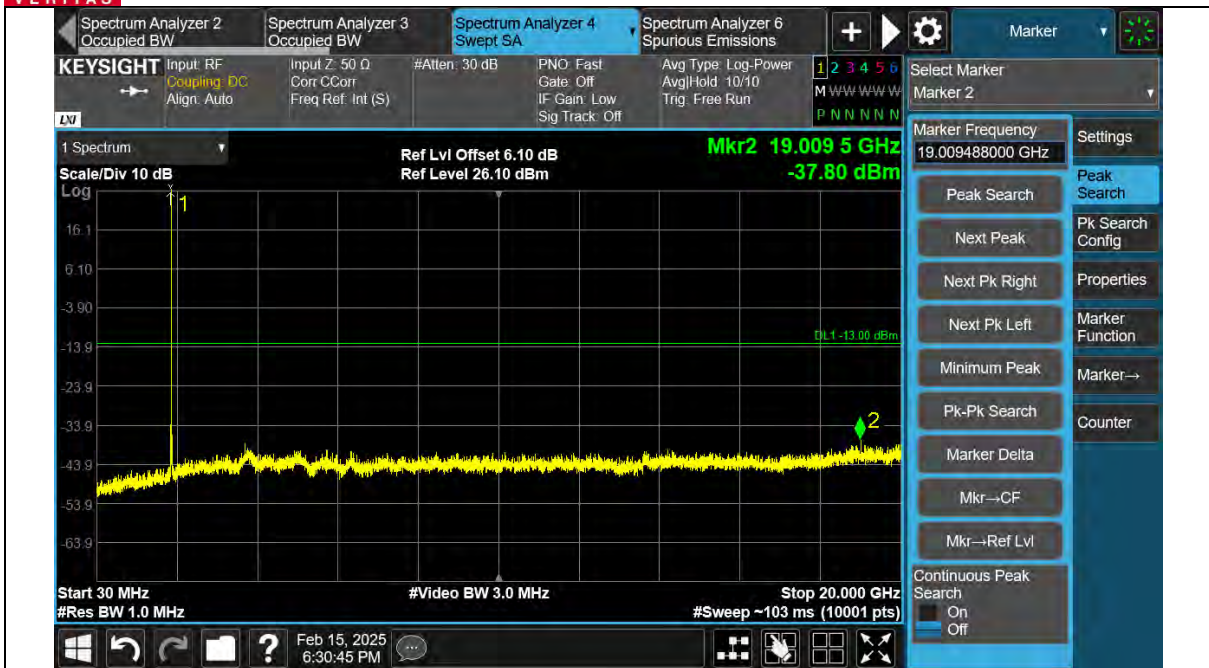
Band25-10MHz-QPSK-26090-1RB#0-30~20000MHz



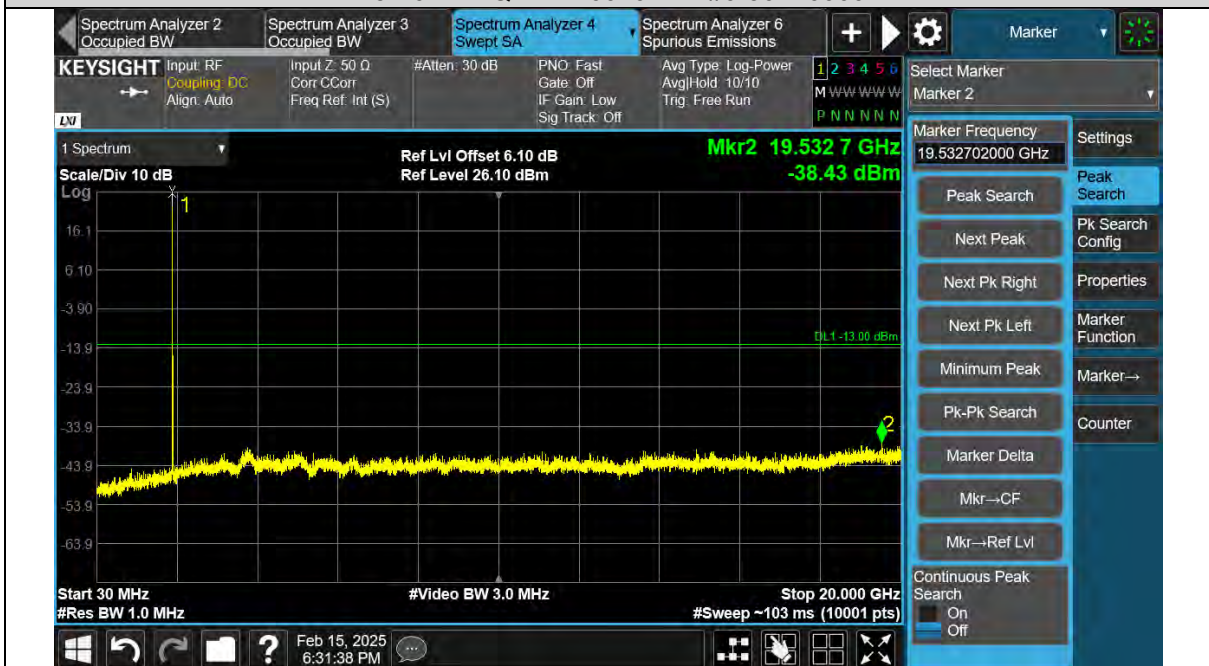
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BUREAU VERITAS Test Report No.: PSZ-NQN2412300616RF02



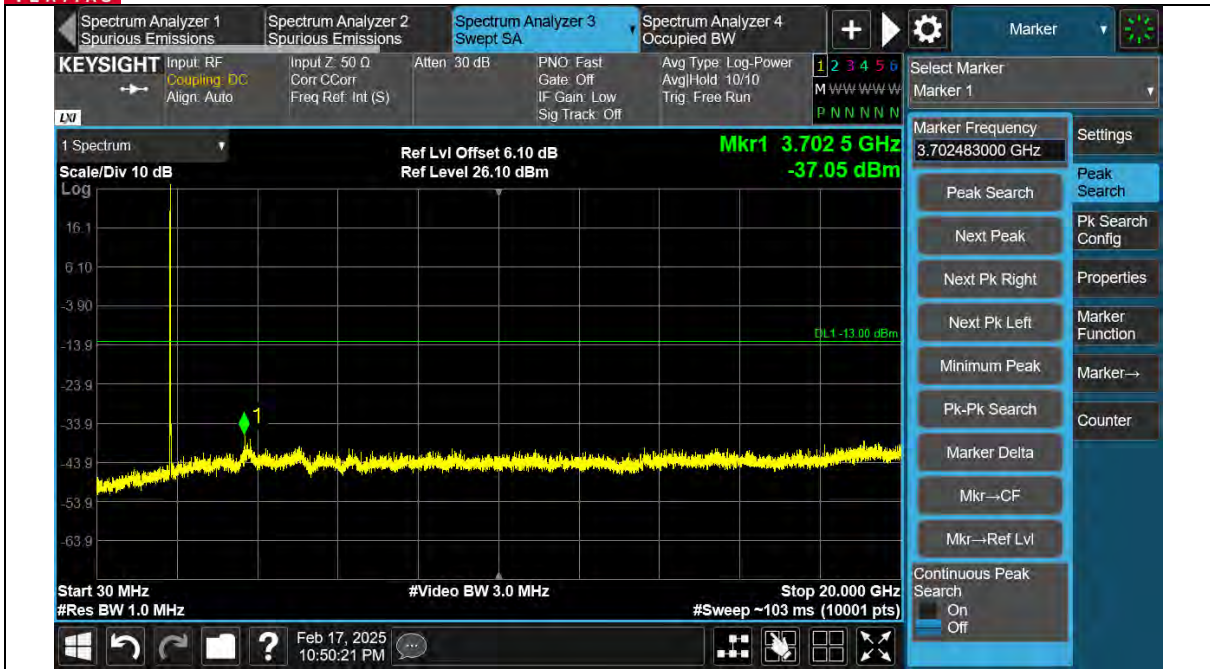
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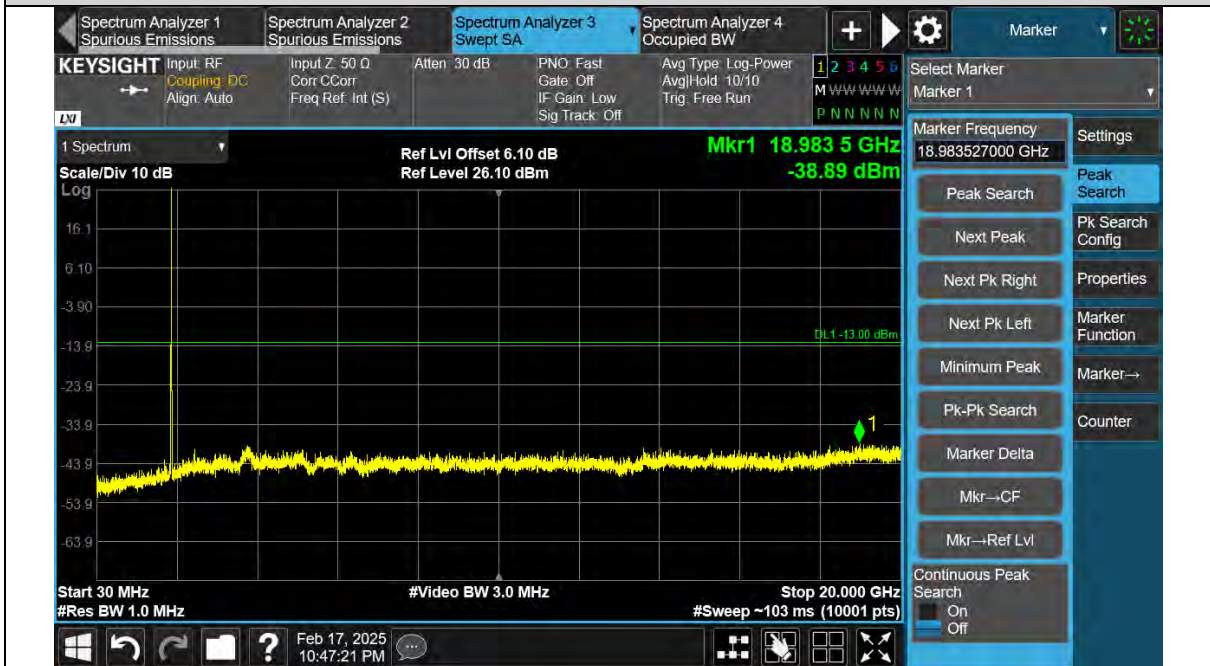
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BUREAU VERITAS Test Report No.: PSZ-NQN2412300616RF02



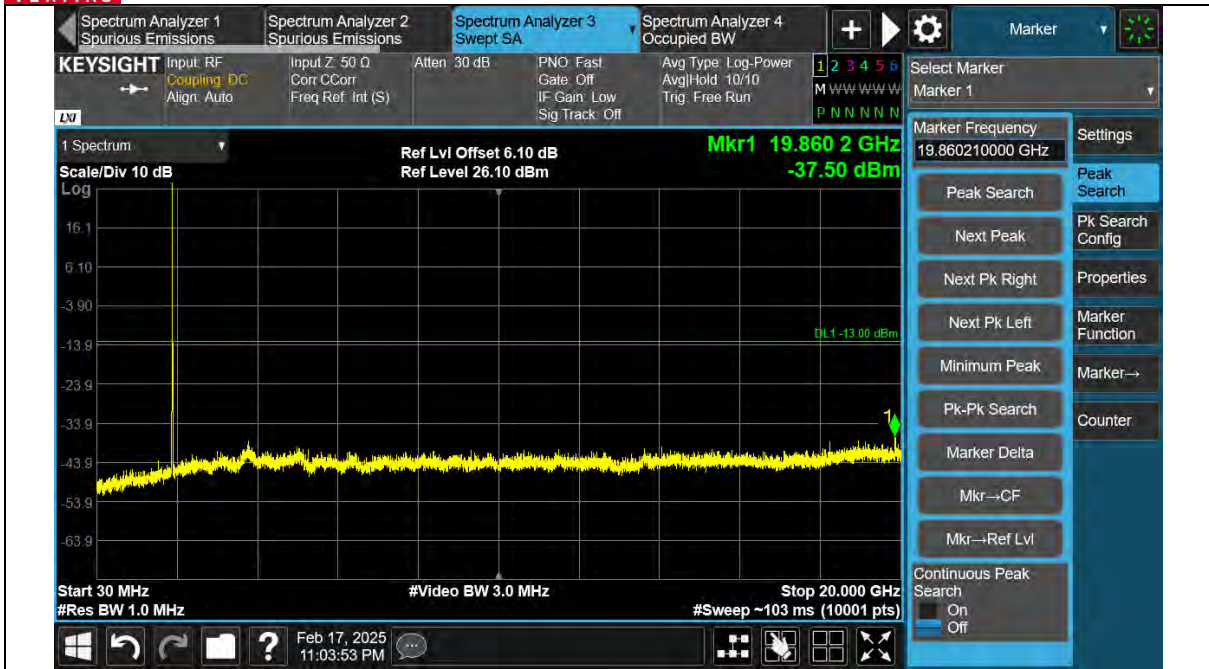
Band25-15MHz-QPSK-26365-1RB#0-30~20000MHz



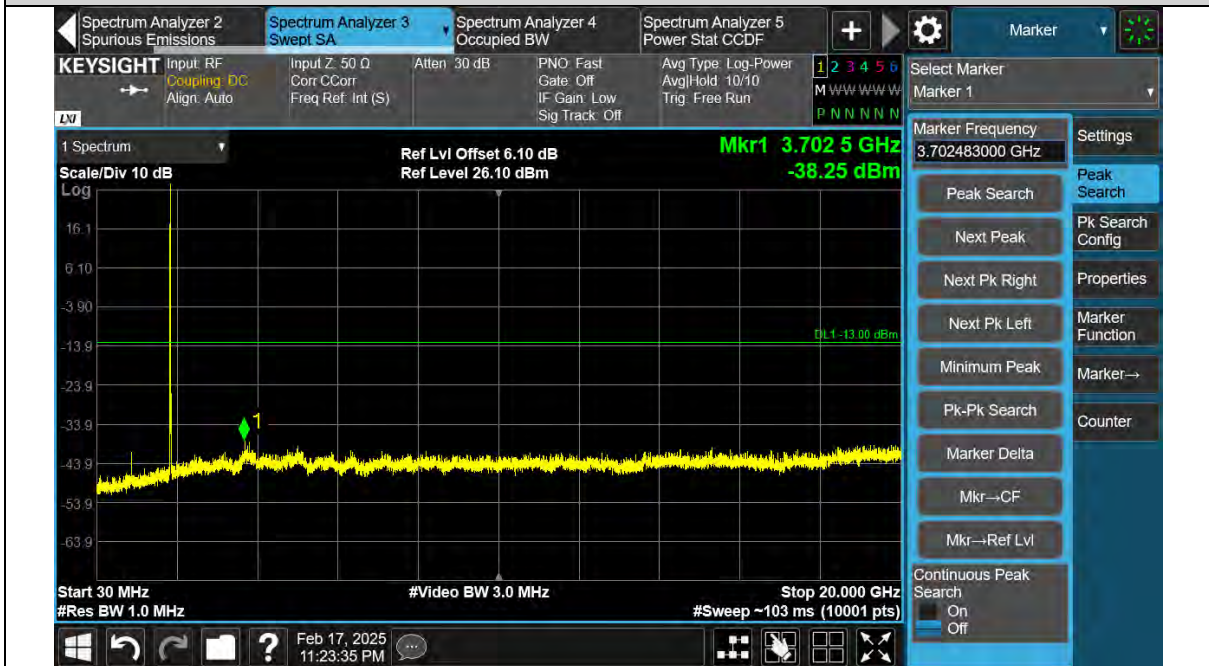
Band25-15MHz-QPSK-26615-1RB#0-30~20000MHz



BUREAU VERITAS Test Report No.: PSZ-NQN2412300616RF02



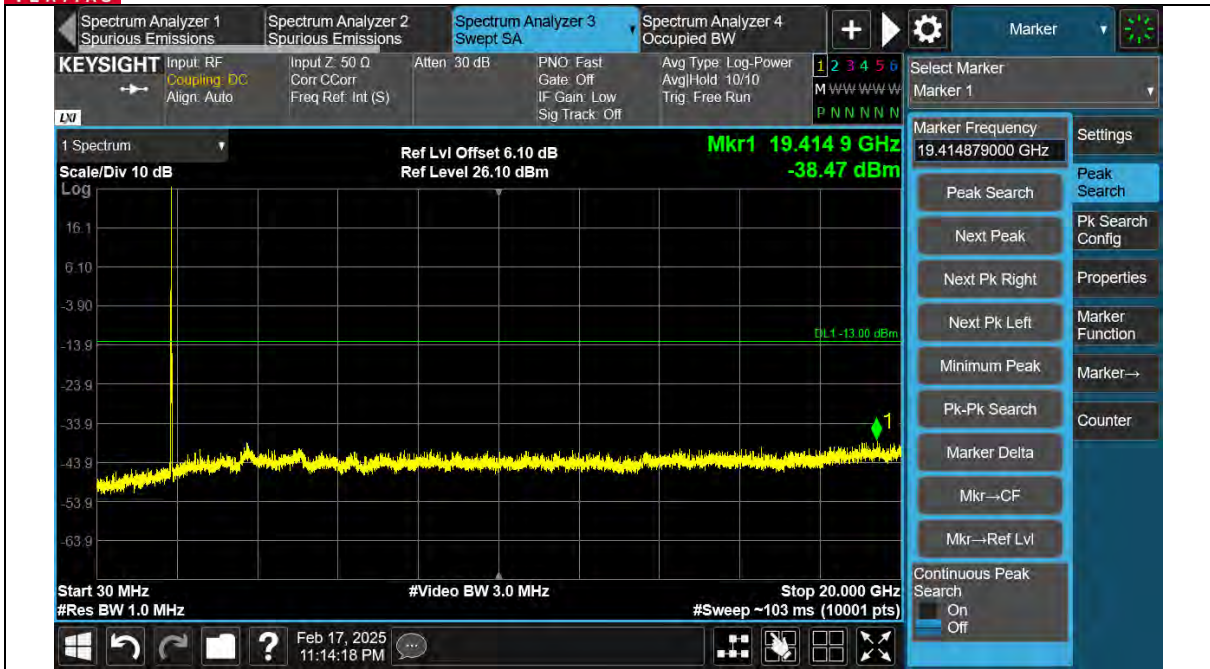
Band25-20MHz-QPSK-26140-1RB#0-30~20000MHz



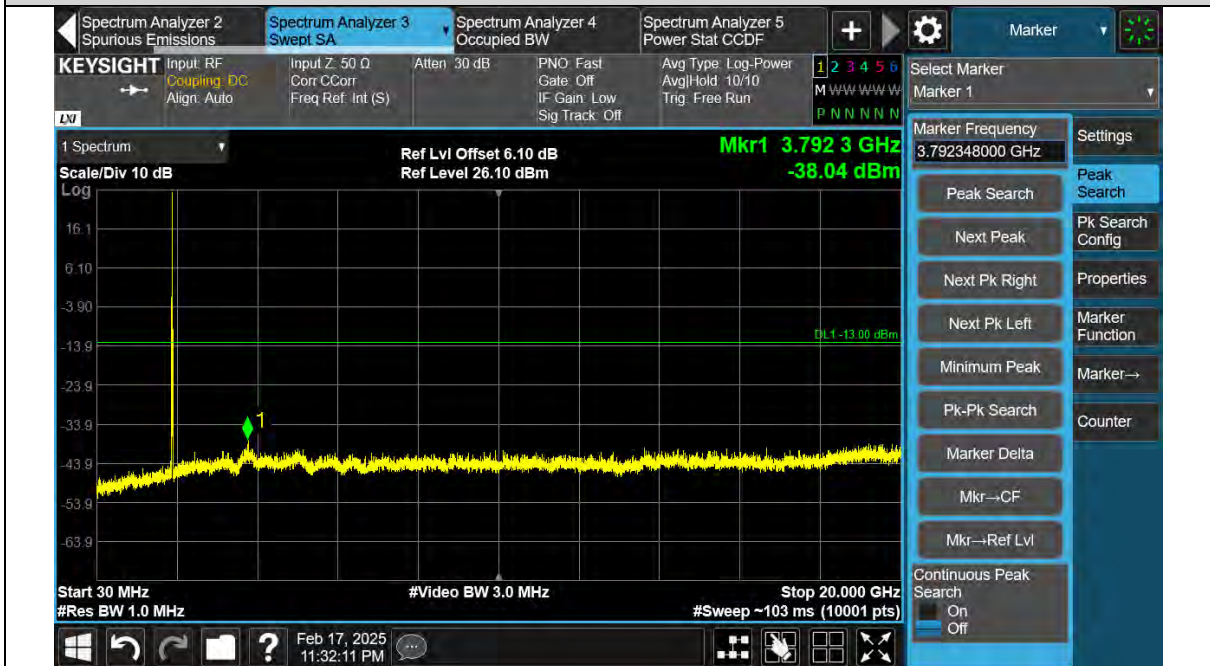
Band25-20MHz-QPSK-26365-1RB#0-30~20000MHz



BUREAU VERITAS Test Report No.: PSZ-NQN2412300616RF02



Band25-20MHz-QPSK-26590-1RB#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
Band25	20MHz	QPSK	26140	100RB#0	VL	NT	-16.3	-0.008763	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	VN	NT	-0.3	-0.000161	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	VH	NT	23.7	0.012742	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VL	NT	-3.7	-0.001968	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VN	NT	-7.2	-0.003830	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VH	NT	-0.2	-0.000106	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	VL	NT	16	0.008399	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	VN	NT	22.4	0.011759	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	VH	NT	-12.1	-0.006352	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band25	20MHz	QPSK	26140	100RB#0	NV	-30	-18.8	-0.010108	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	-20	-2.7	-0.001452	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	-10	34.7	0.018656	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	0	-8.6	-0.004624	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	10	26.7	0.014355	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	20	2.6	0.001398	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	30	9.6	0.005161	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	40	14.3	0.007688	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	50	27.7	0.014892	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-30	-15.2	-0.008085	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-20	-13.6	-0.007234	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-10	13.4	0.007128	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	0	19.2	0.010213	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	10	5.7	0.003032	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	20	21.4	0.011383	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	30	-12.8	-0.006809	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	40	-7.8	-0.004149	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	50	-30.7	-0.016330	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	-30	-8.2	-0.004304	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	-20	-28.6	-0.015013	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	-10	0.3	0.000157	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	0	20.7	0.010866	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	10	-16.6	-0.008714	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	20	8.7	0.004567	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	30	-18.5	-0.009711	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	40	-31.8	-0.016693	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	50	-17.5	-0.009186	±2.5	PASS

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