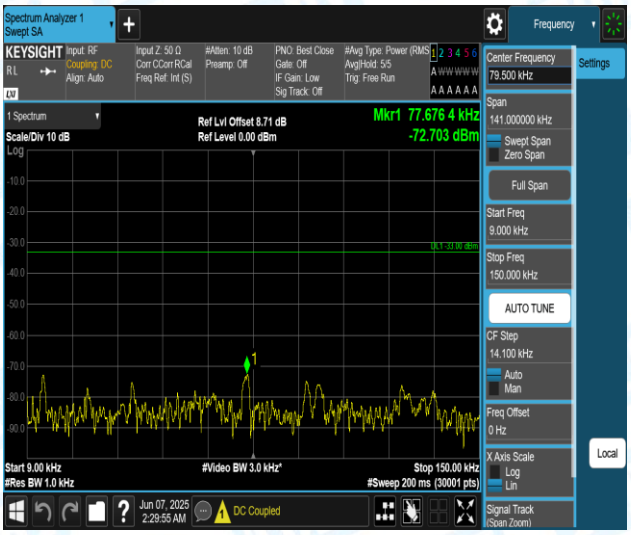

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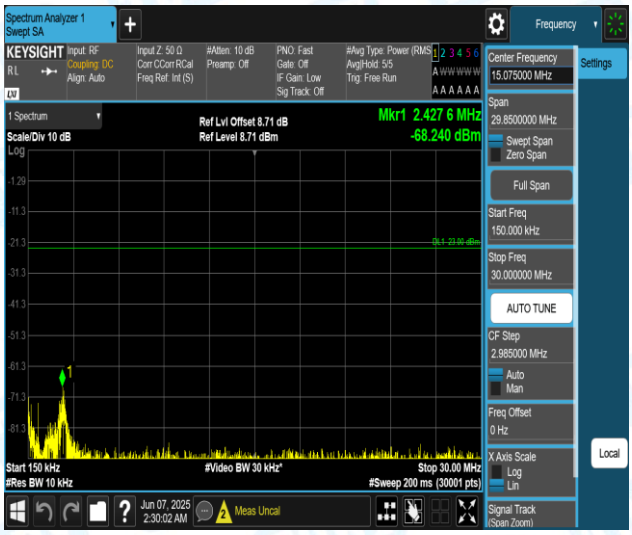

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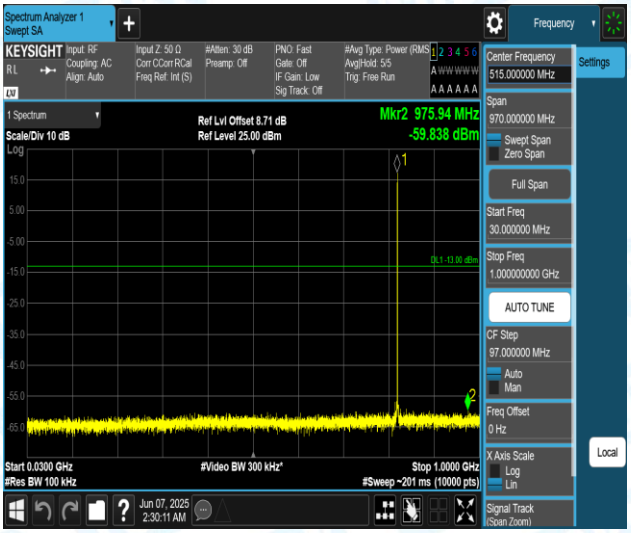

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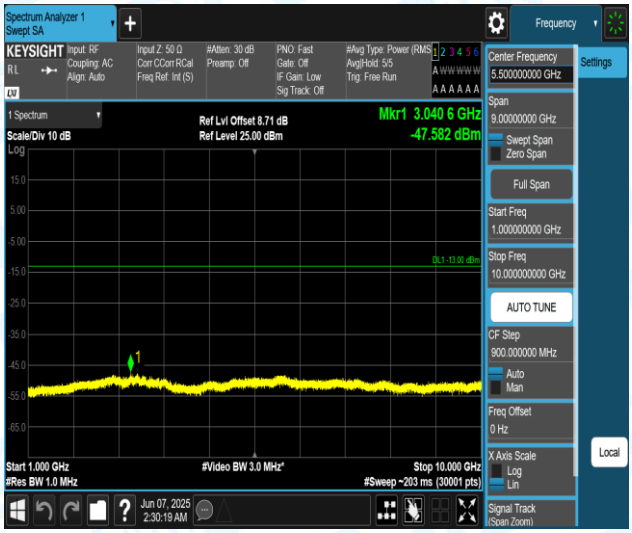

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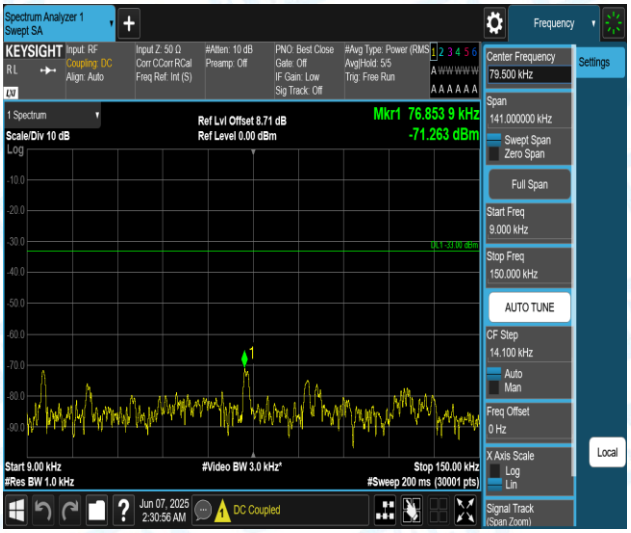

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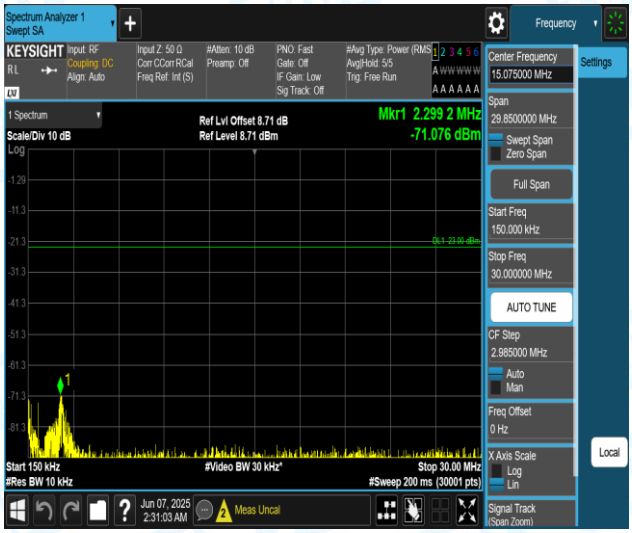

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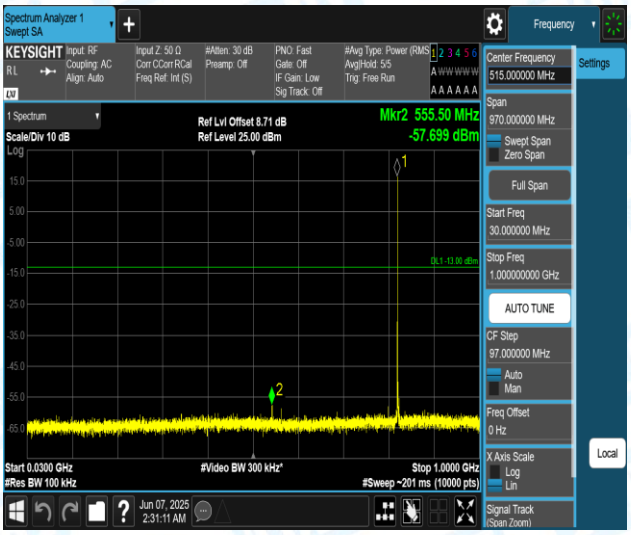

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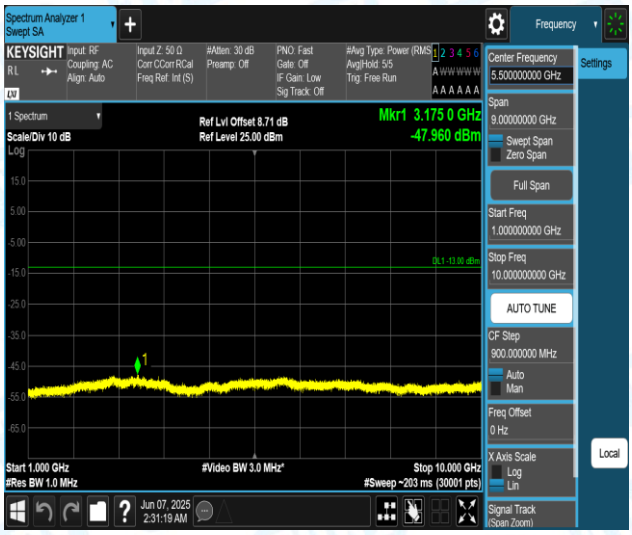

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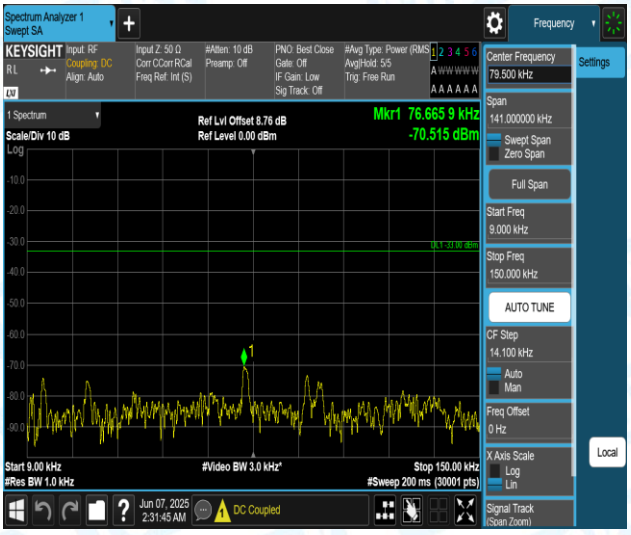

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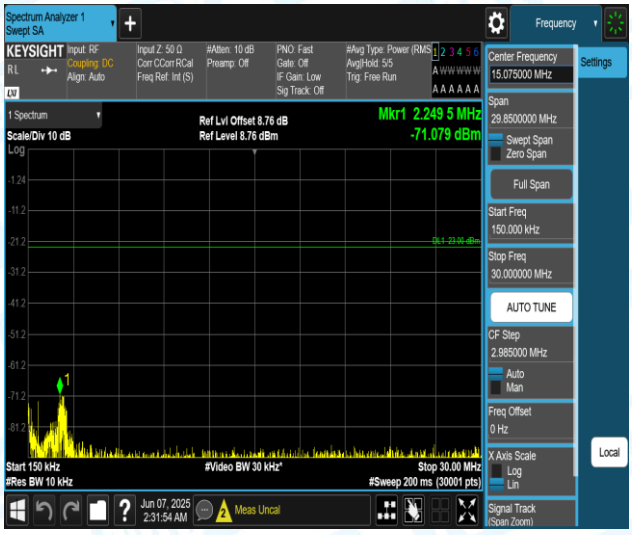
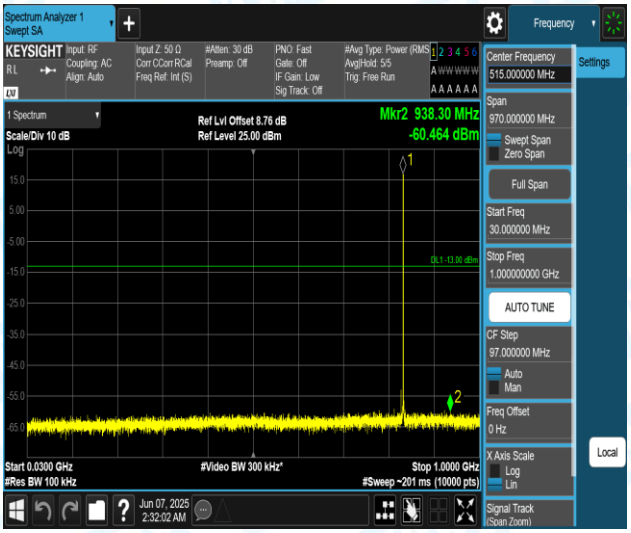


B a n d 5 - 0 . 1 8 - B P S K - 2 0 5 2 5 - P A S S



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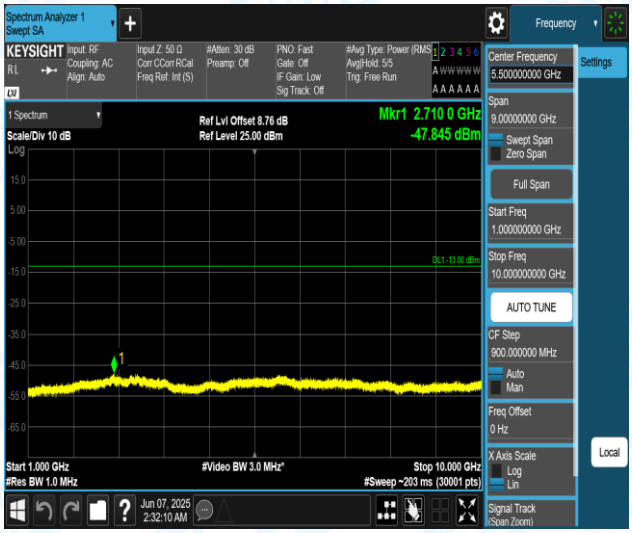

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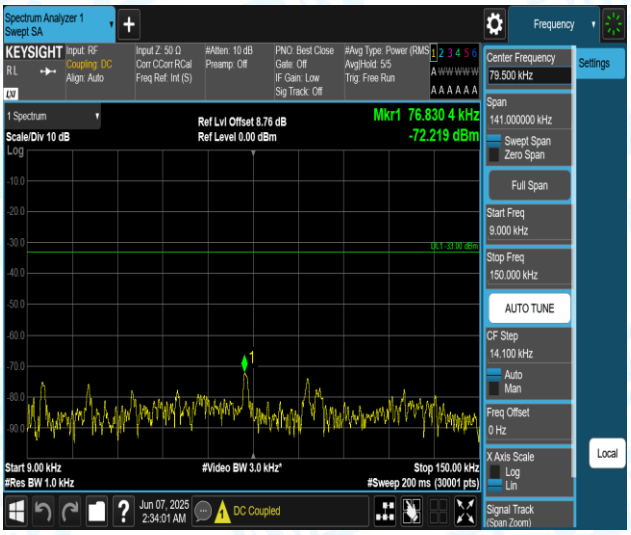
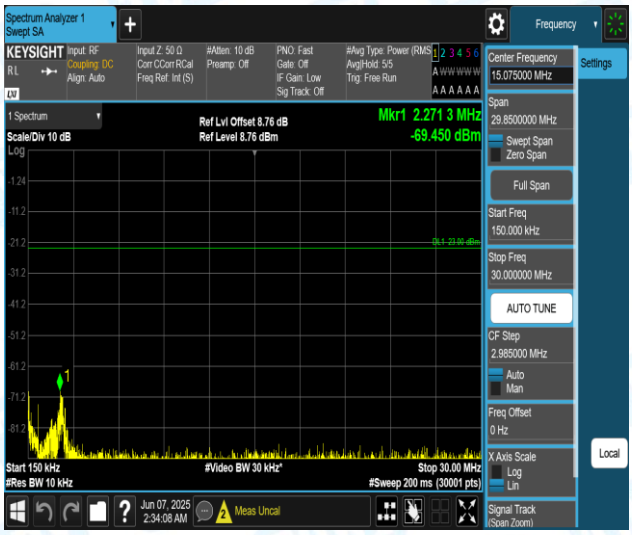


B a n d 5 - 0 . 1 8 - B P S K - 2 0 5 2 5 - P A S S



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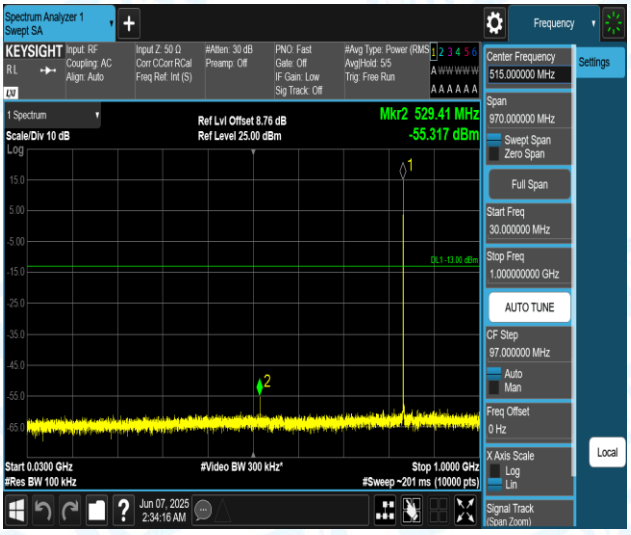

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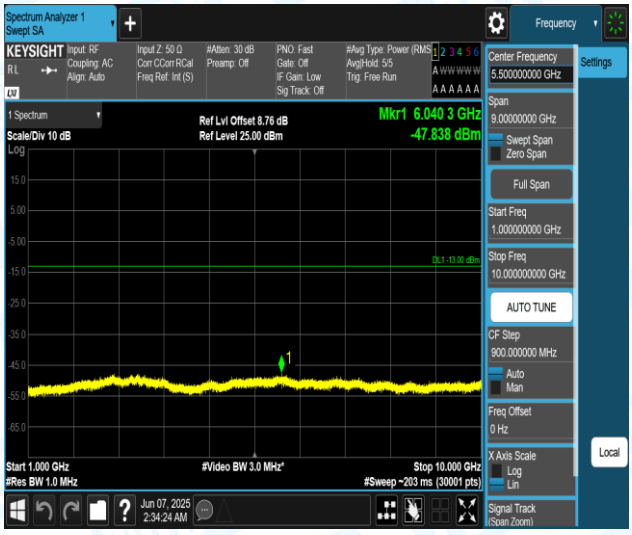

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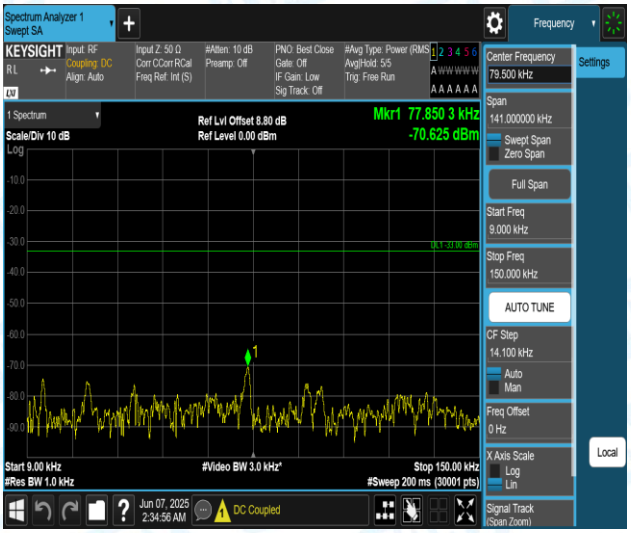
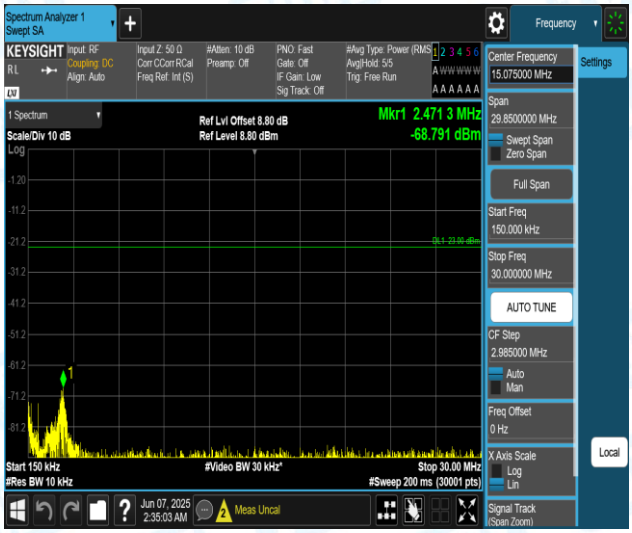


B a n d 5 - 0 . 1 8 - B P S K - 2 0 6 4 9 - P A S S



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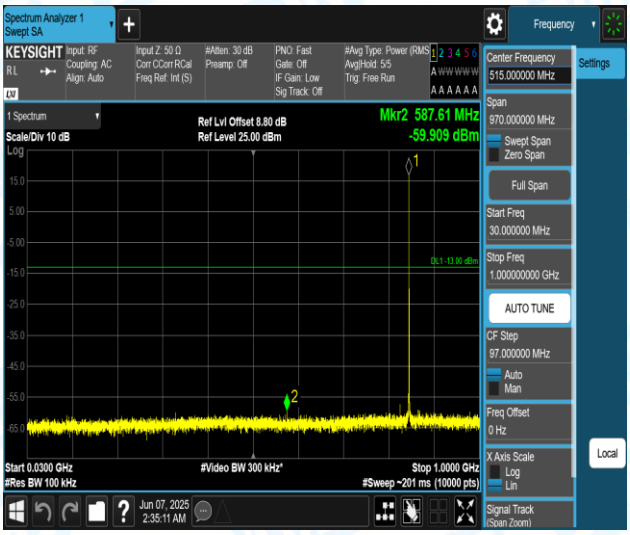

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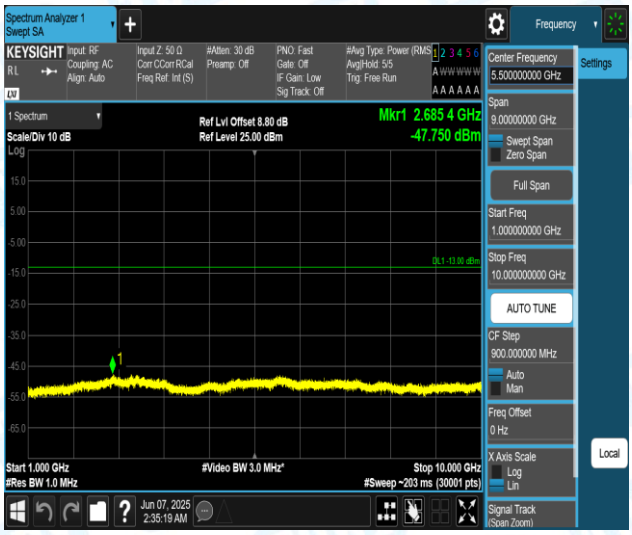

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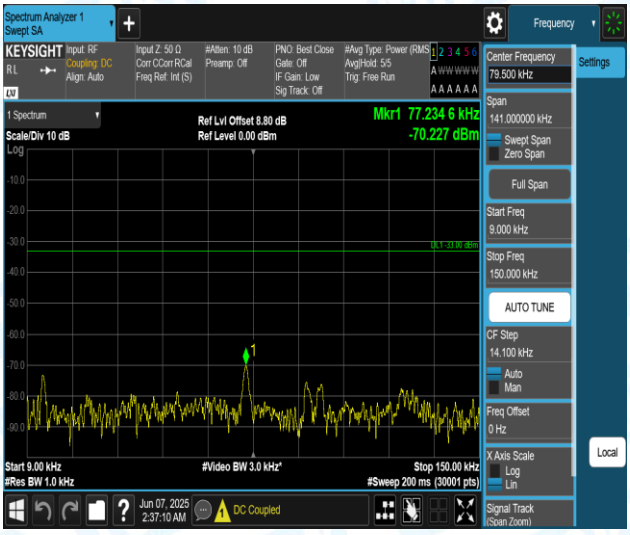
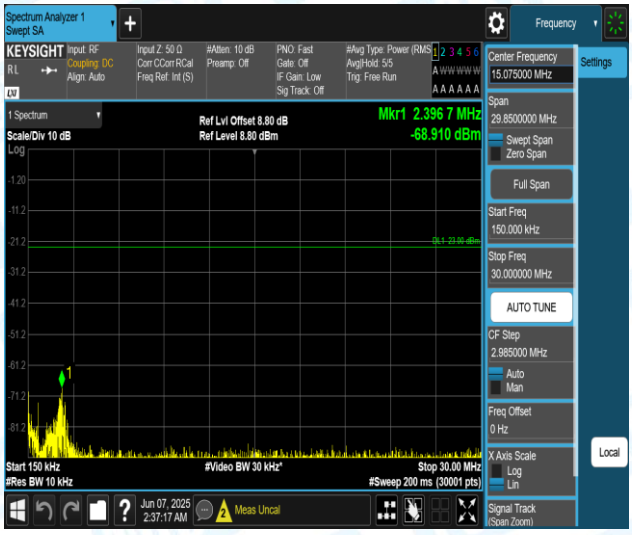


B a n d 5 - 0 . 1 8 - B P S K - 2 0 6 4 9 - P A S S



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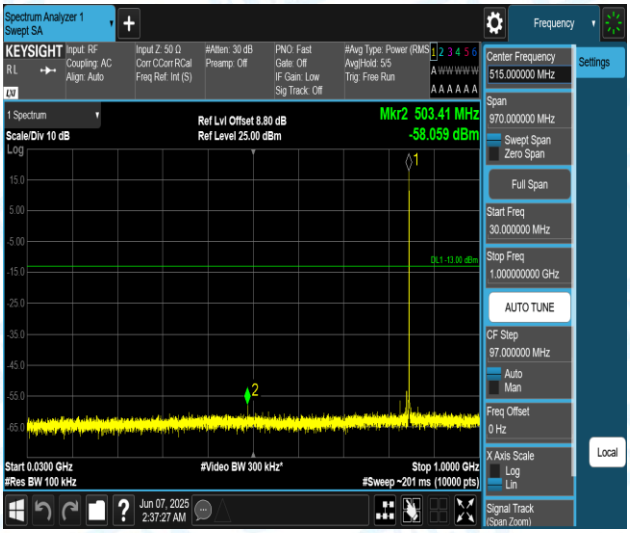

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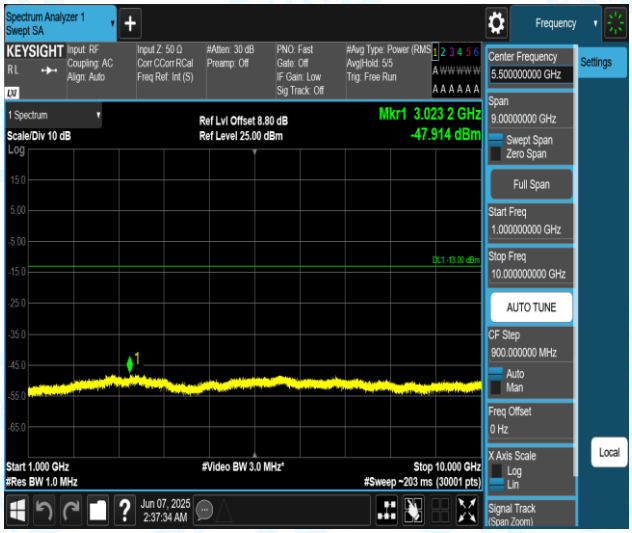

B a n d 5 - 0 . 1 8 - B P S K - 2 0 6 4 9 - P A S S

6: Frequency Stability for NB1

Test Result

Voltage												
Band	OpMode	SCS	Bandwidth	Modulation	Channel	Tones	Voltage [Vdc]	Temp. (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@0	VN	NT	-12.24	-0.014632	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@0	VL	NT	-10.00	-0.011955	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@0	VH	NT	-11.53	-0.013784	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@47	VN	NT	-8.85	-0.010580	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@47	VL	NT	-10.62	-0.012696	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@47	VH	NT	-10.69	-0.012779	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@0	VN	NT	-11.37	-0.013592	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@0	VL	NT	-11.22	-0.013413	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@0	VH	NT	-11.61	-0.013879	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@11	VN	NT	-11.79	-0.014094	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@11	VL	NT	-10.08	-0.012050	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@11	VH	NT	-12.10	-0.014465	±2.5	PASS

Temperature												
Band	OpMode	Bandwidth	Modulation	Channel	Tones	SCS	Voltage [Vdc]	Temp. (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@0	NV	-10	-11.90	-0.014226	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@0	NV	0	-9.74	-0.011644	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@0	NV	10	-10.24	-0.012241	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@0	NV	20	-12.17	-0.014549	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@0	NV	30	-10.32	-0.012337	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@0	NV	40	-11.00	-0.013150	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@0	NV	50	-9.02	-0.010783	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@47	NV	-10	-10.06	-0.012026	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@47	NV	0	-8.66	-0.010353	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@47	NV	10	-8.40	-0.010042	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@47	NV	20	-11.47	-0.013712	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@47	NV	30	-9.11	-0.010891	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@47	NV	40	-11.93	-0.014262	±2.5	PASS
Band5	Stand-Alone	3.75kHz	0.18	QPSK	20525	1@47	NV	50	-9.40	-0.011237	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@0	NV	-10	-11.66	-0.013939	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@0	NV	0	-8.79	-0.010508	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@0	NV	10	-12.25	-0.014644	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@0	NV	20	-11.72	-0.014011	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@0	NV	30	-11.29	-0.013497	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@0	NV	40	-11.44	-0.013676	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@0	NV	50	-12.37	-0.014788	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@11	NV	-10	-13.39	-0.016007	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@11	NV	0	-12.53	-0.014979	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@11	NV	10	-12.44	-0.014871	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@11	NV	20	-12.91	-0.015433	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@11	NV	30	-13.63	-0.016294	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@11	NV	40	-11.76	-0.014059	±2.5	PASS
Band5	Stand-Alone	15kHz	0.18	QPSK	20525	1@11	NV	50	-14.63	-0.017490	±2.5	PASS

-----END OF THE REPORT-----