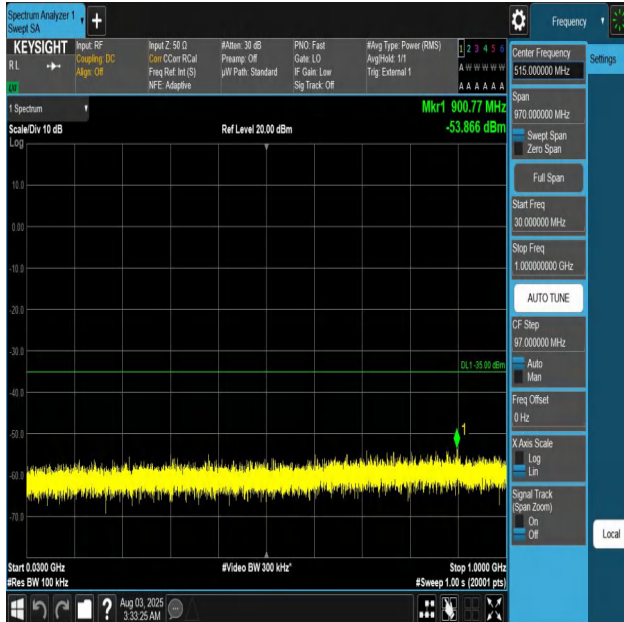




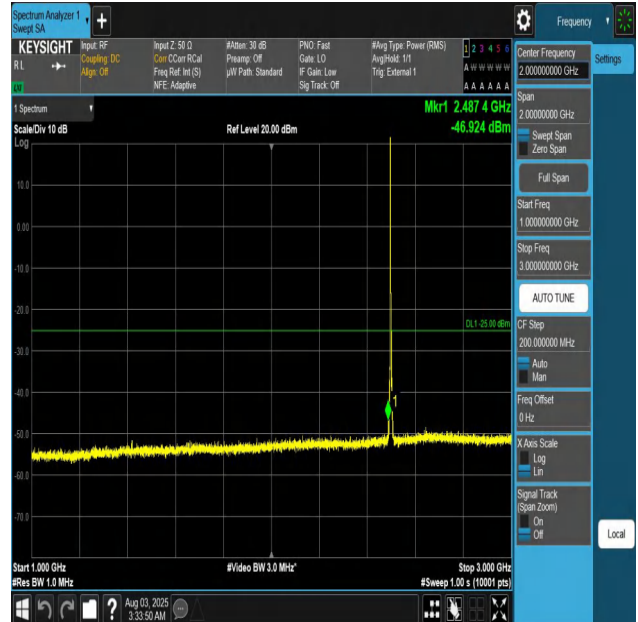
Band41	15MHz	QPSK	41515	1RB#0	18000~27000	-55.14	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000	-53.72	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~3000	-36.94	PASS
Band41	20MHz	QPSK	39750	1RB#0	3000~18000	-38.64	PASS
Band41	20MHz	QPSK	39750	1RB#0	18000~27000	-55.10	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000	-53.29	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~3000	-49.20	PASS
Band41	20MHz	QPSK	40620	1RB#0	3000~18000	-38.91	PASS
Band41	20MHz	QPSK	40620	1RB#0	18000~27000	-54.53	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000	-53.68	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~3000	-49.17	PASS
Band41	20MHz	QPSK	41490	1RB#0	3000~18000	-38.82	PASS
Band41	20MHz	QPSK	41490	1RB#0	18000~27000	-55.05	PASS



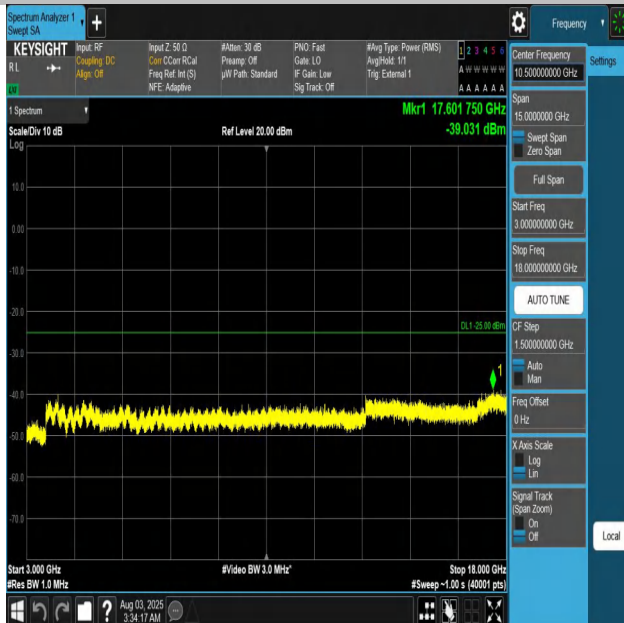
Test Graphs



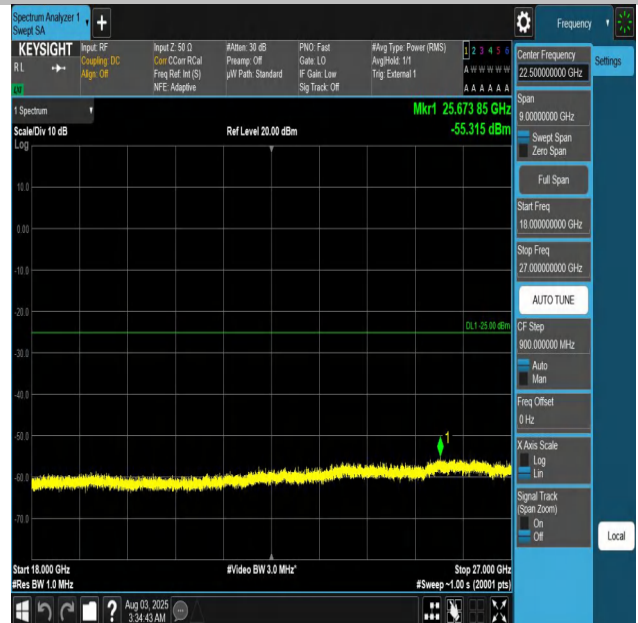
Band41-5MHz-QPSK-39675-1RB#0-30~1000-PASS



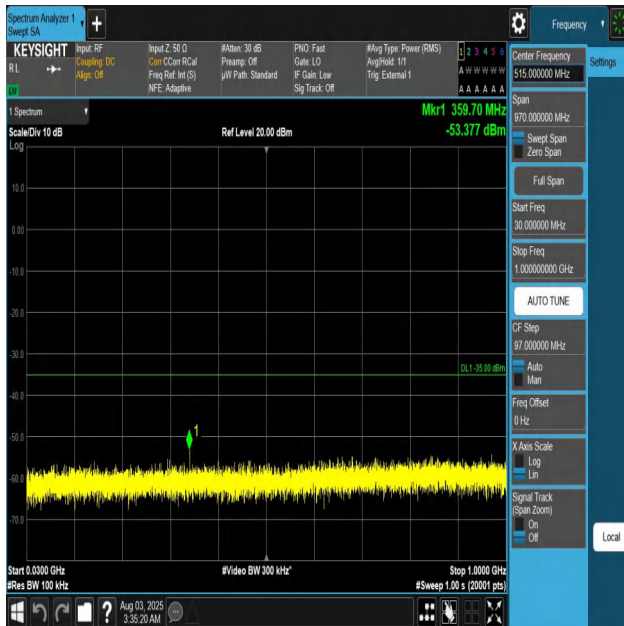
Band41-5MHz-QPSK-39675-1RB#0-1000~3000-PASS



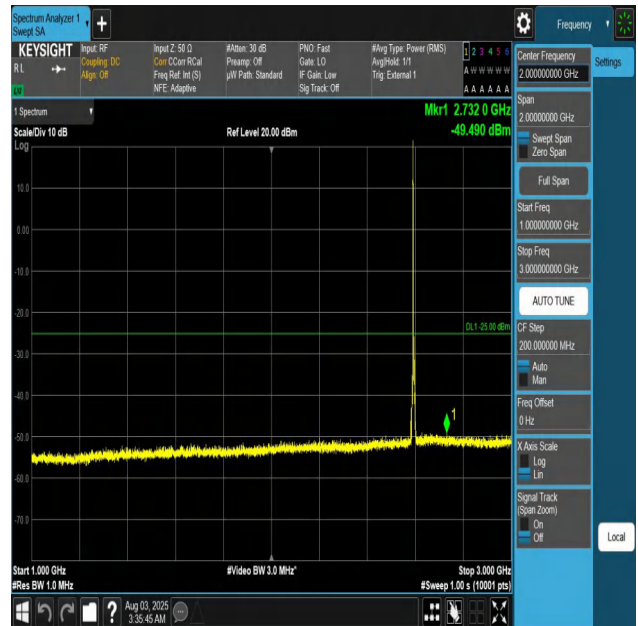
Band41-5MHz-QPSK-39675-1RB#0-3000~18000-PASS



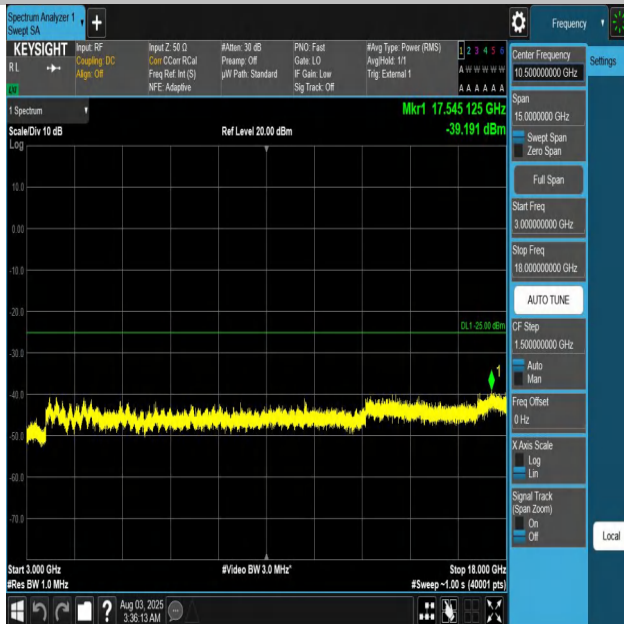
Band41-5MHz-QPSK-39675-1RB#0-18000~27000-PASS



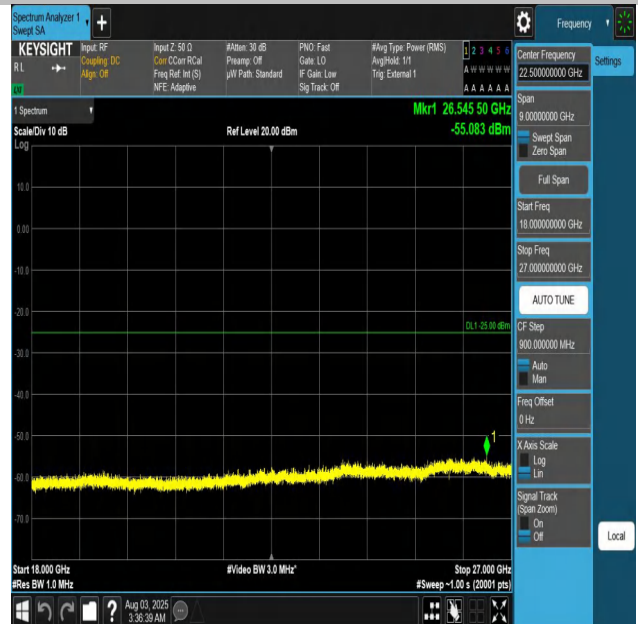
Band41-5MHz-QPSK-40620-1RB#0-30~1000-PASS



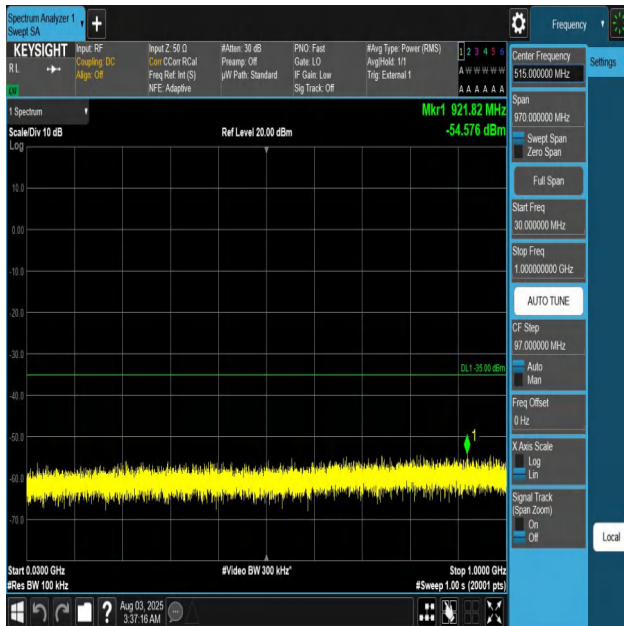
Band41-5MHz-QPSK-40620-1RB#0-1000~3000-PASS



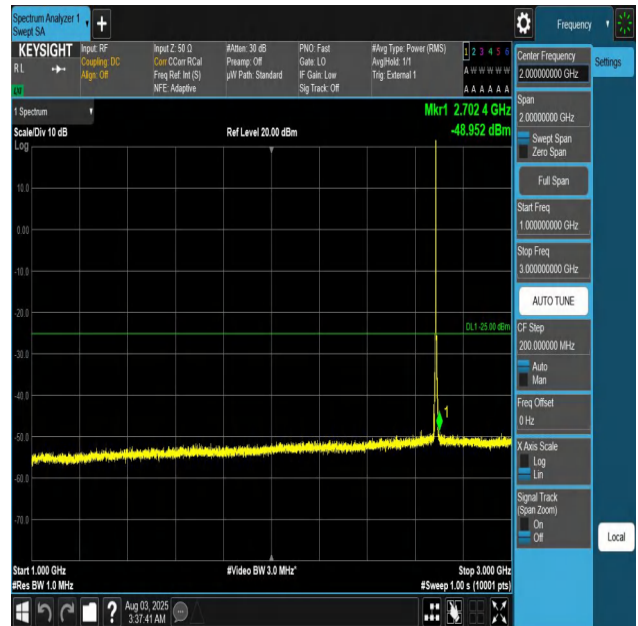
Band41-5MHz-QPSK-40620-1RB#0-3000~18000-PASS



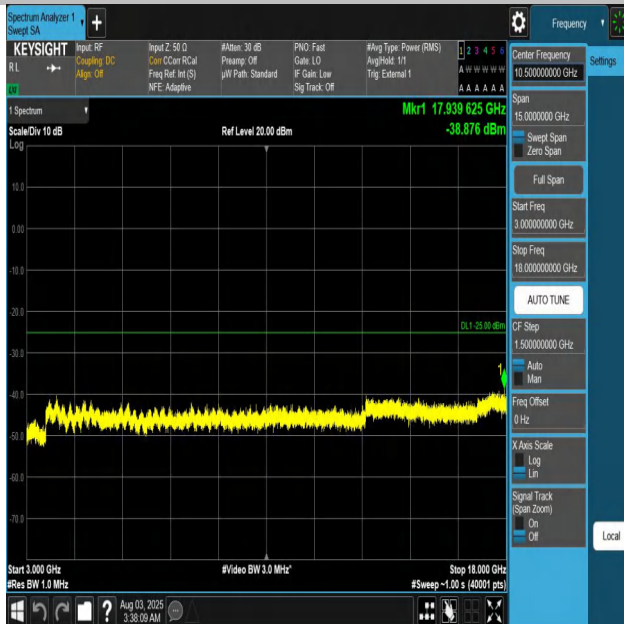
Band41-5MHz-QPSK-40620-1RB#0-18000~27000-PASS



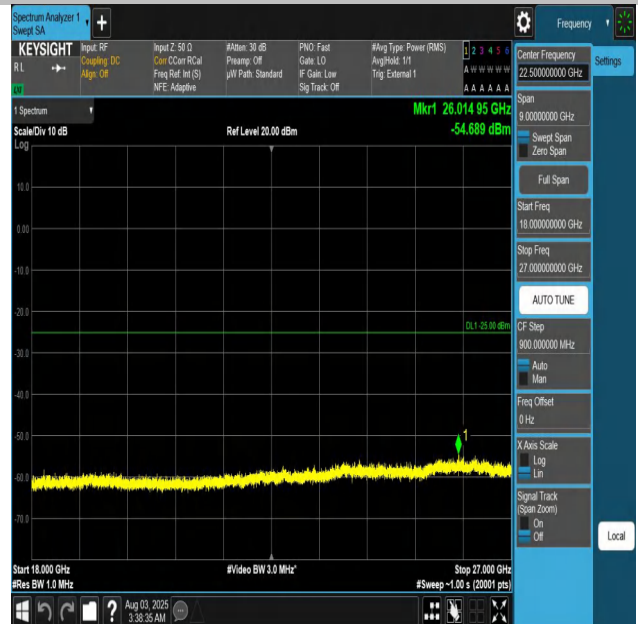
Band41-5MHz-QPSK-41565-1RB#0-30~1000-PASS



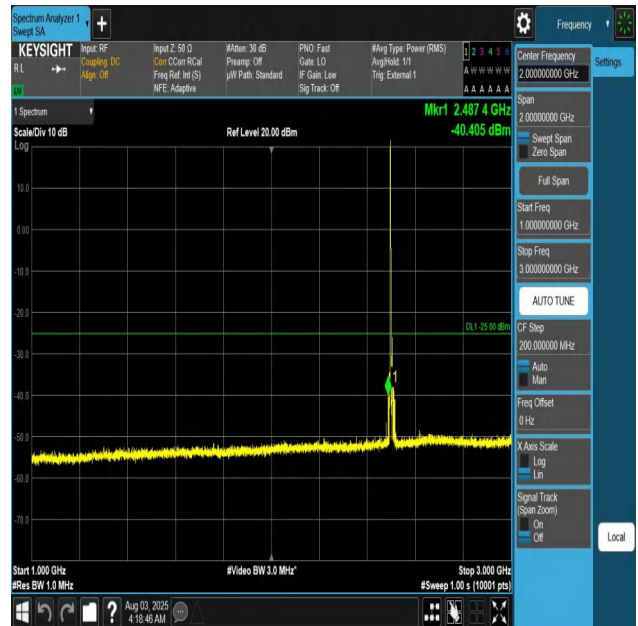
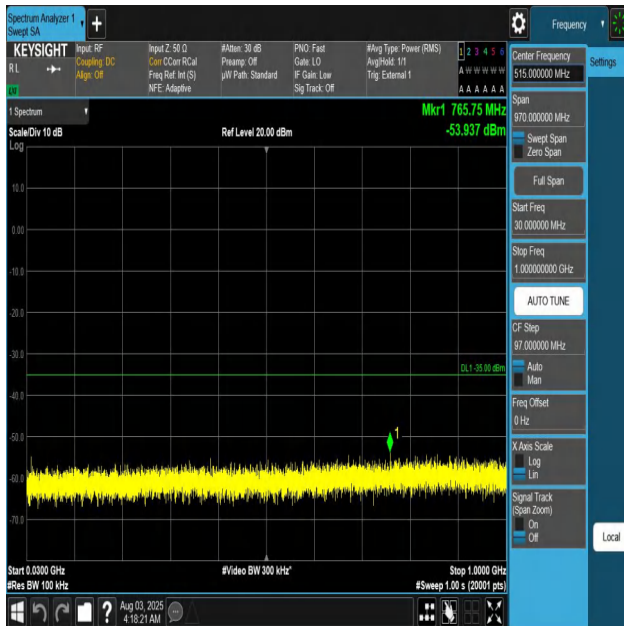
Band41-5MHz-QPSK-41565-1RB#0-1000~3000-PASS



Band41-5MHz-QPSK-41565-1RB#0-3000~18000-PASS

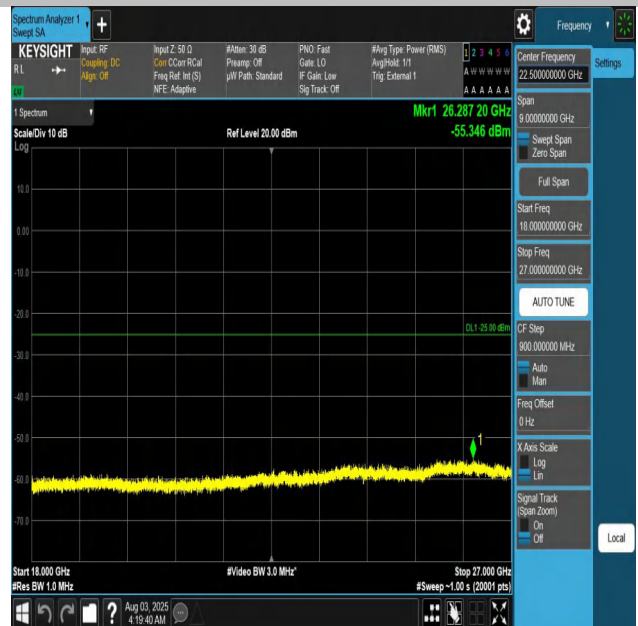
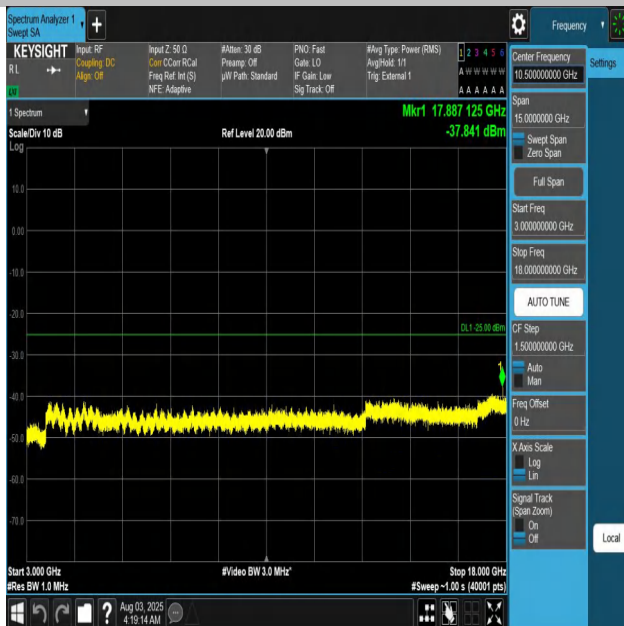


Band41-5MHz-QPSK-41565-1RB#0-18000~27000-PASS



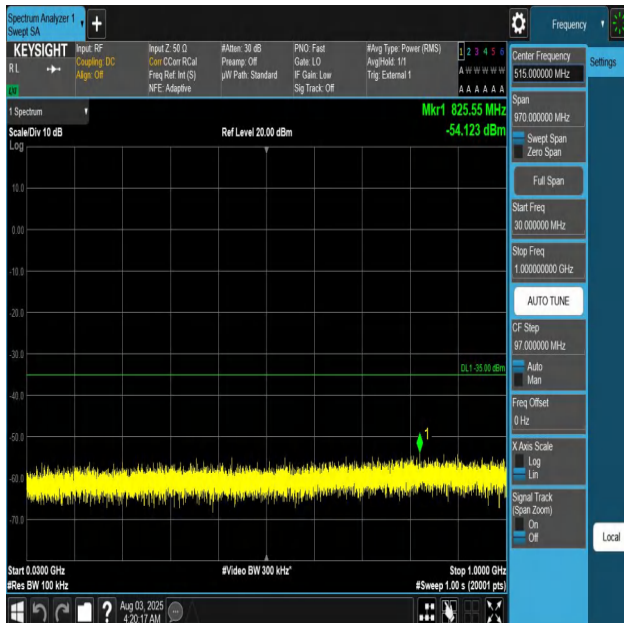
Band41-10MHz-QPSK-39700-1RB#0-30~1000-PASS

Band41-10MHz-QPSK-39700-1RB#0-1000~3000-PASS

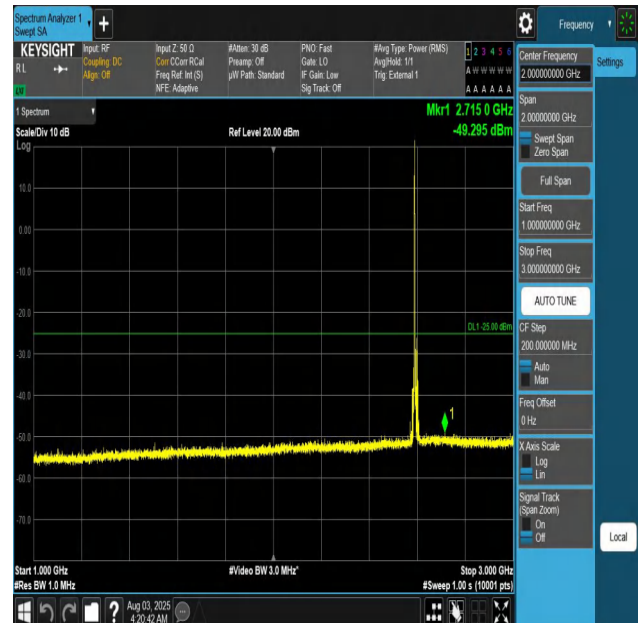


Band41-10MHz-QPSK-39700-1RB#0-3000~18000-PASS

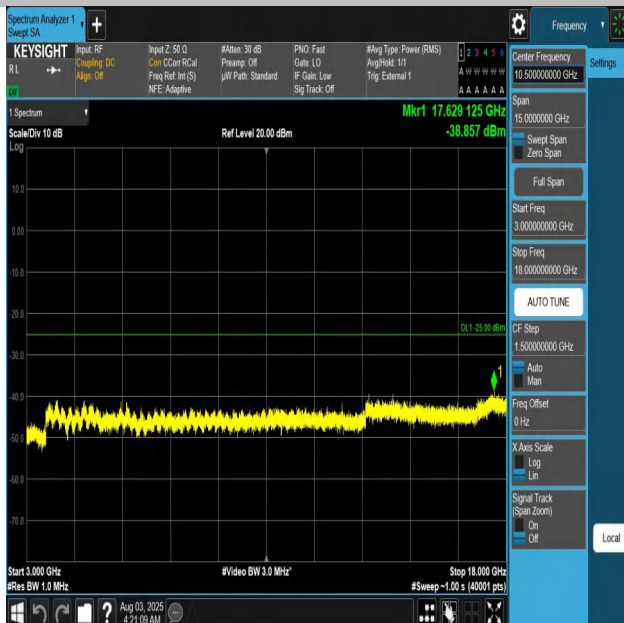
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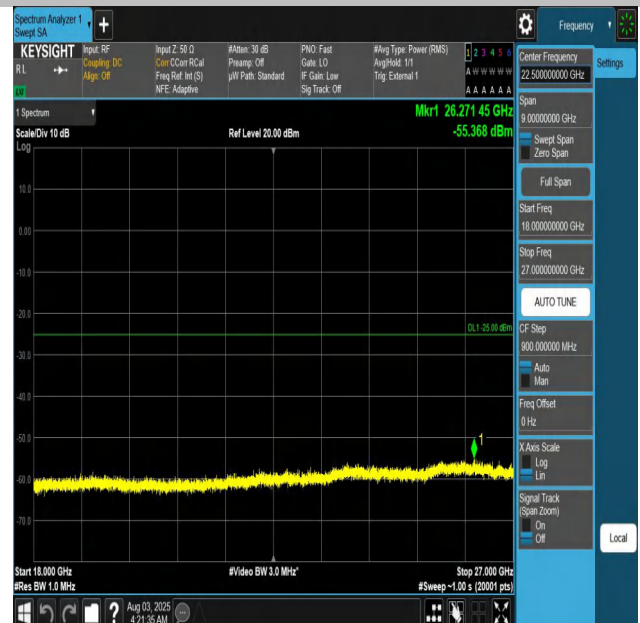
Band41-10MHz-QPSK-40620-1RB#0-30~1000-PASS



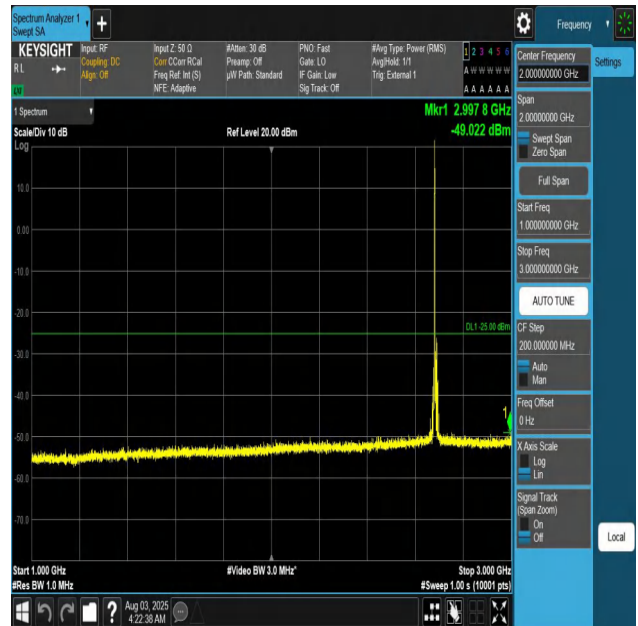
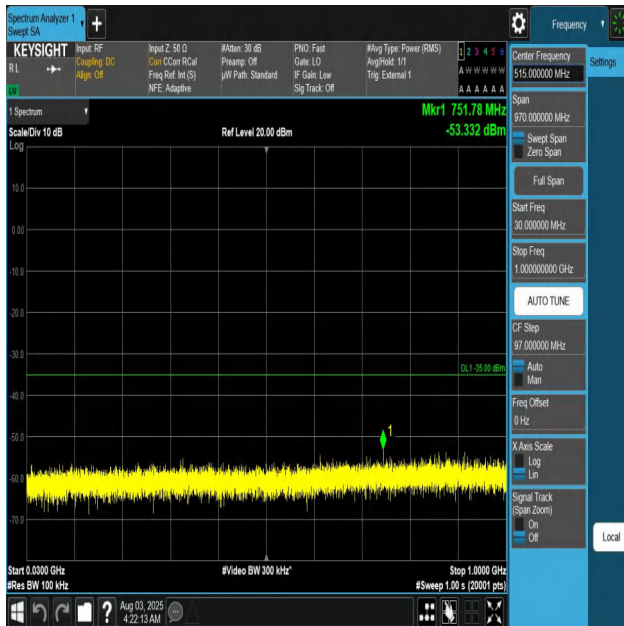
Band41-10MHz-QPSK-40620-1RB#0-1000~3000-PASS



Band41-10MHz-QPSK-40620-1RB#0-3000~18000-PASS

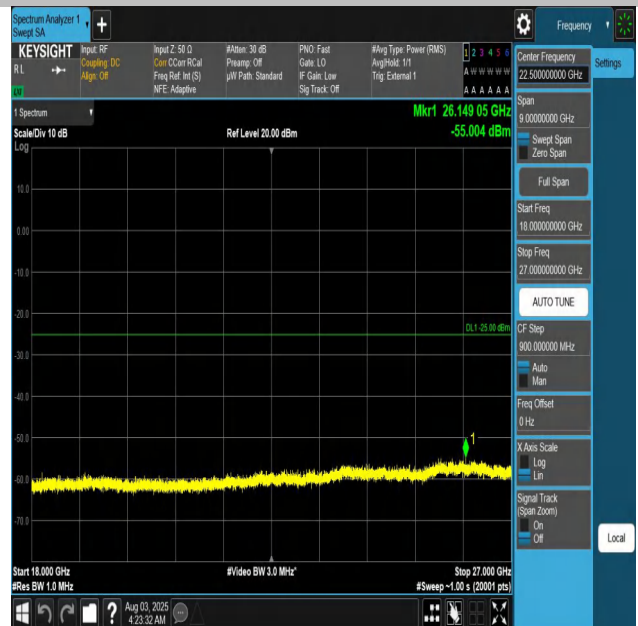
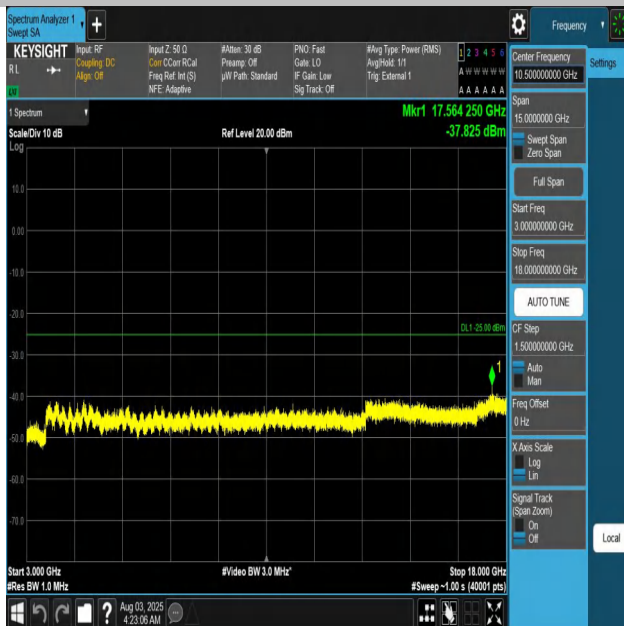


Band41-10MHz-QPSK-40620-1RB#0-18000~27000-PASS



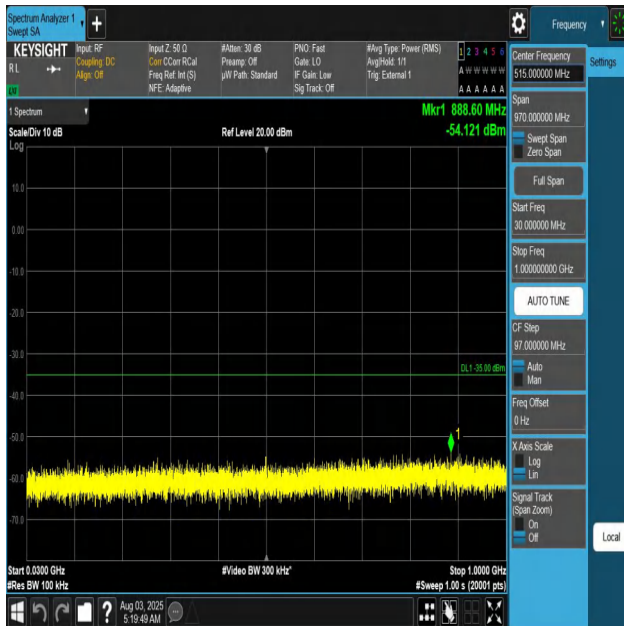
Band41-10MHz-QPSK-41540-1RB#0-30~1000-PASS

Band41-10MHz-QPSK-41540-1RB#0-1000~3000-PASS

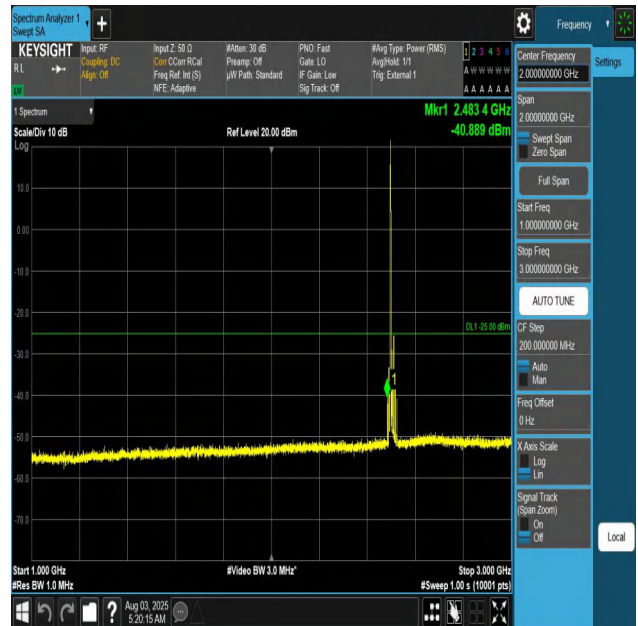


Band41-10MHz-QPSK-41540-1RB#0-3000~18000-PASS

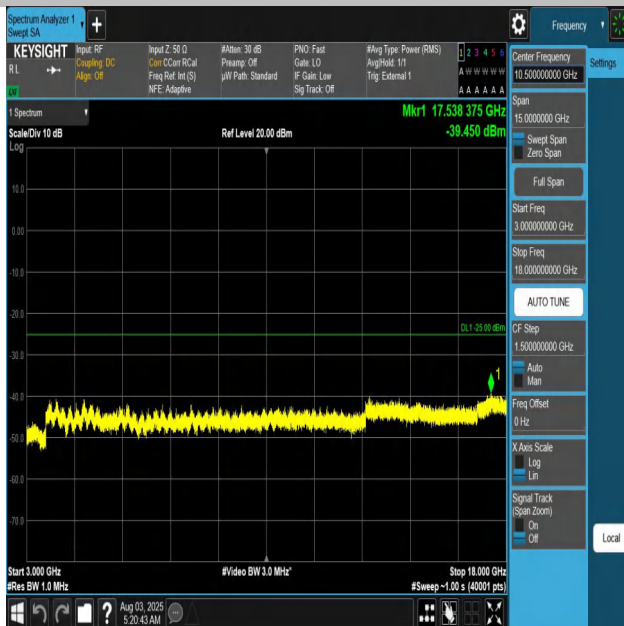
Band41-10MHz-QPSK-41540-1RB#0-18000~27000-PASS



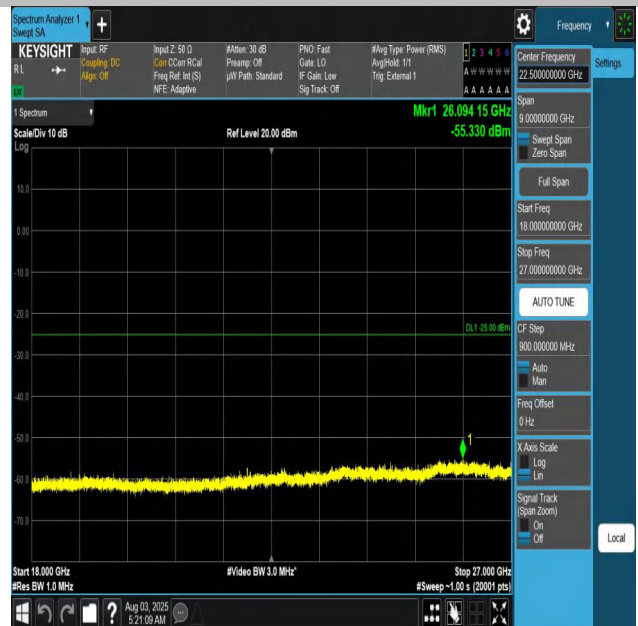
Band41-15MHz-QPSK-39725-1RB#0-30~1000-PASS



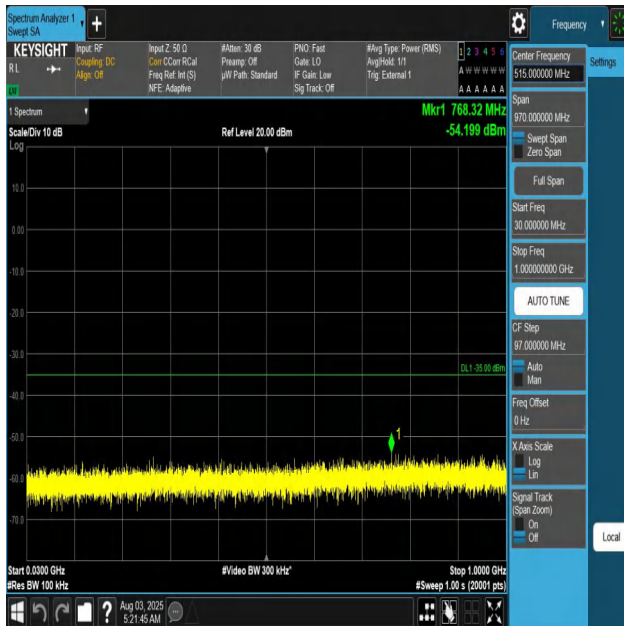
Band41-15MHz-QPSK-39725-1RB#0-1000~3000-PASS



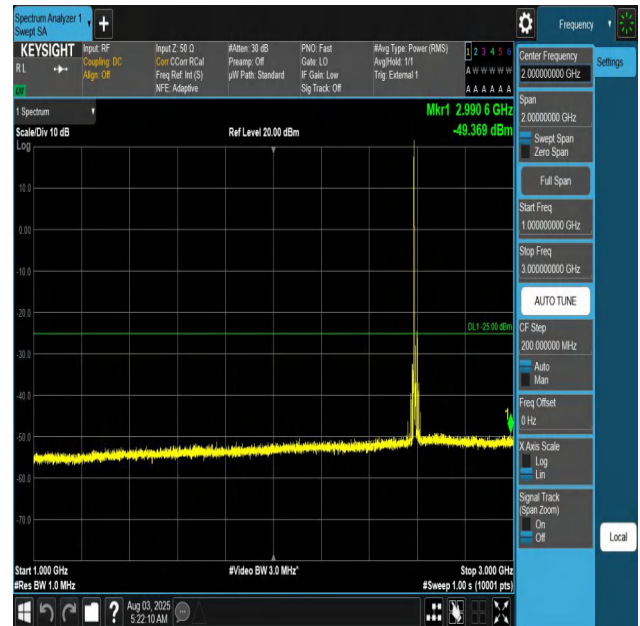
Band41-15MHz-QPSK-39725-1RB#0-3000~18000-PASS



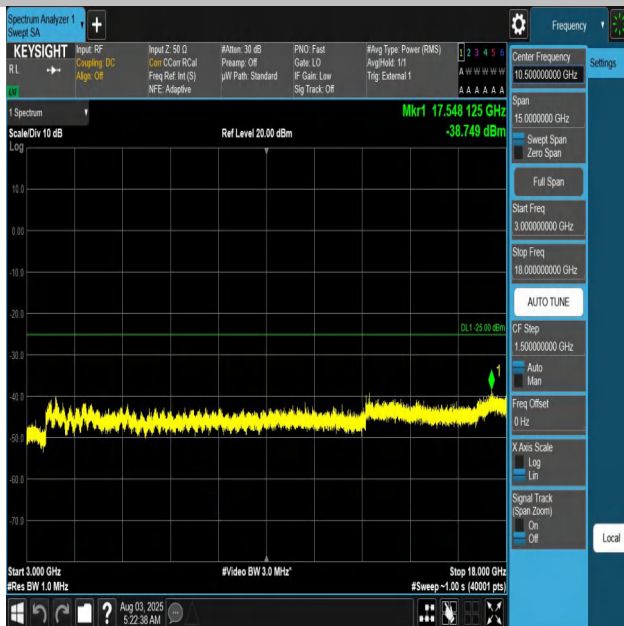
Band41-15MHz-QPSK-39725-1RB#0-18000~27000-PASS



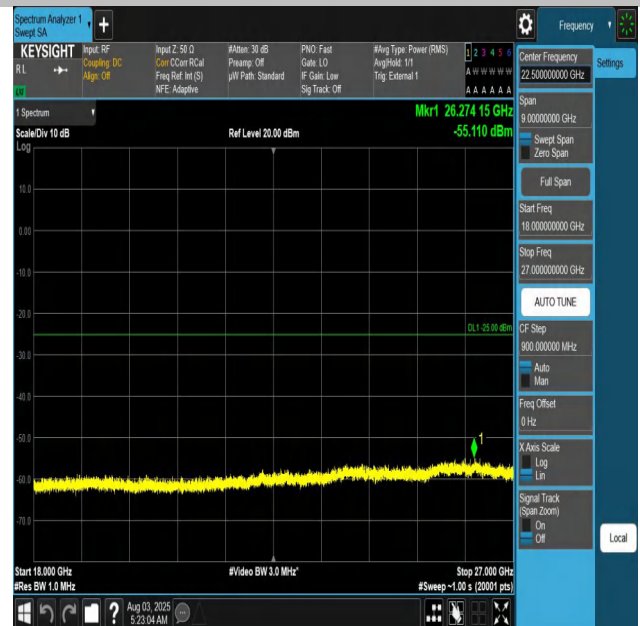
Band41-15MHz-QPSK-40620-1RB#0-30~1000-PASS



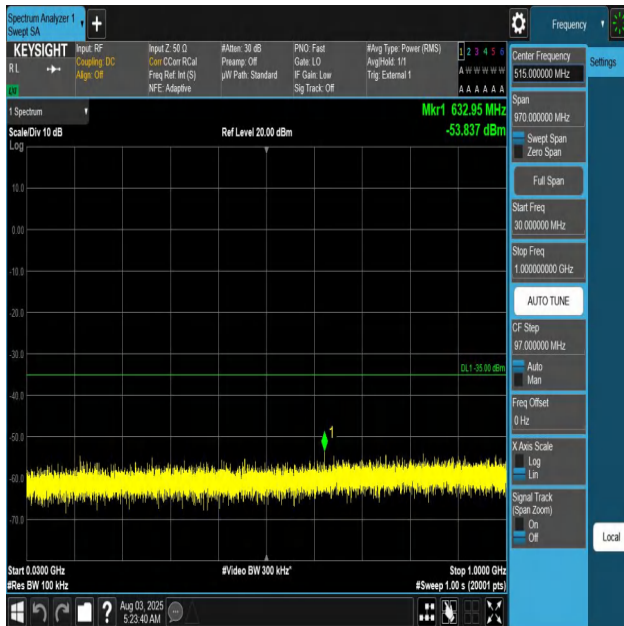
Band41-15MHz-QPSK-40620-1RB#0-1000~3000-PASS



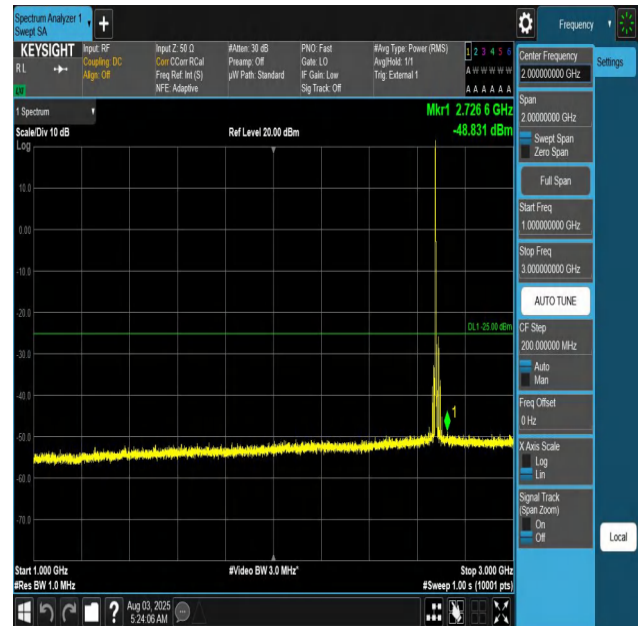
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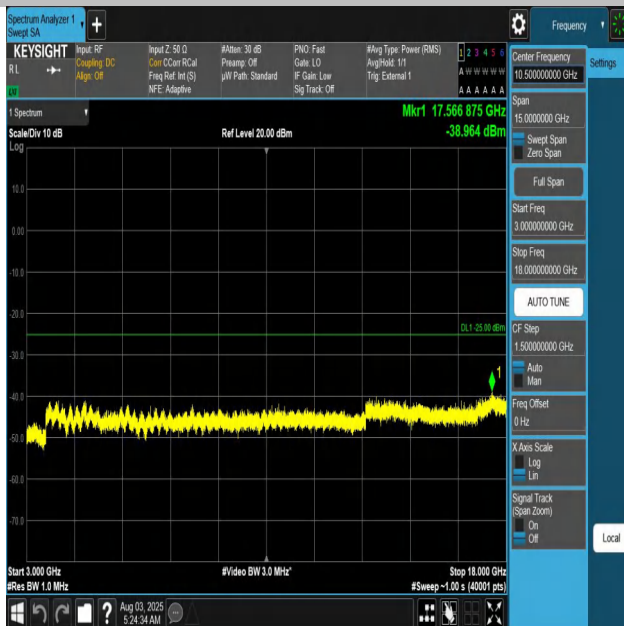
Band41-15MHz-QPSK-40620-1RB#0-18000~27000-PASS



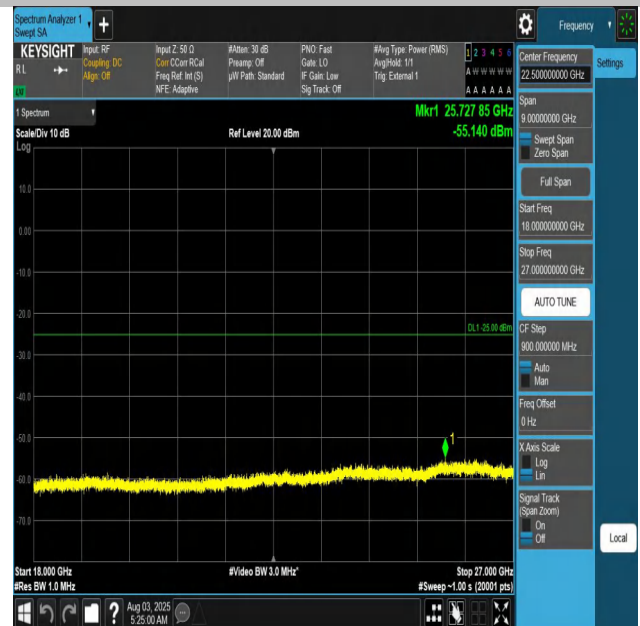
Band41-15MHz-QPSK-41515-1RB#0-30~1000-PASS



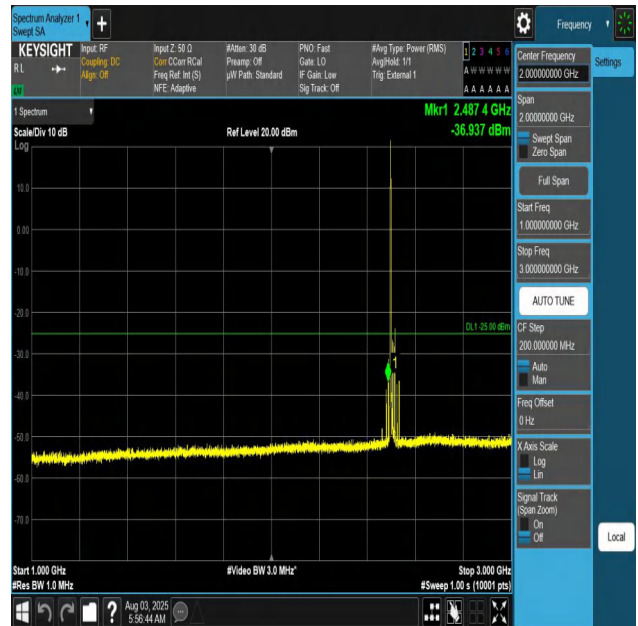
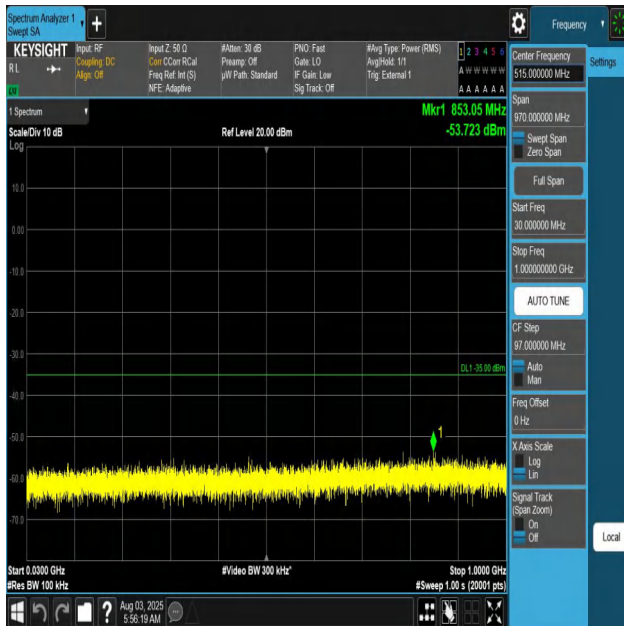
Band41-15MHz-QPSK-41515-1RB#0-1000~3000-PASS



Band41-15MHz-QPSK-41515-1RB#0-3000~18000-PASS

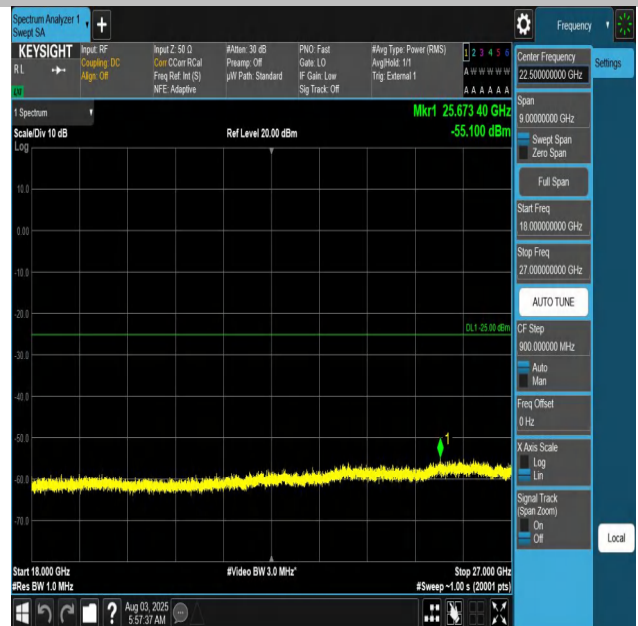
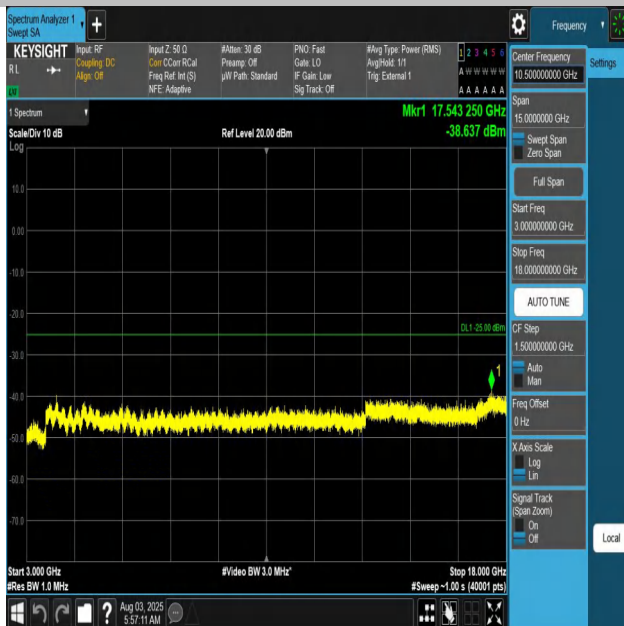


Band41-15MHz-QPSK-41515-1RB#0-18000~27000-PASS



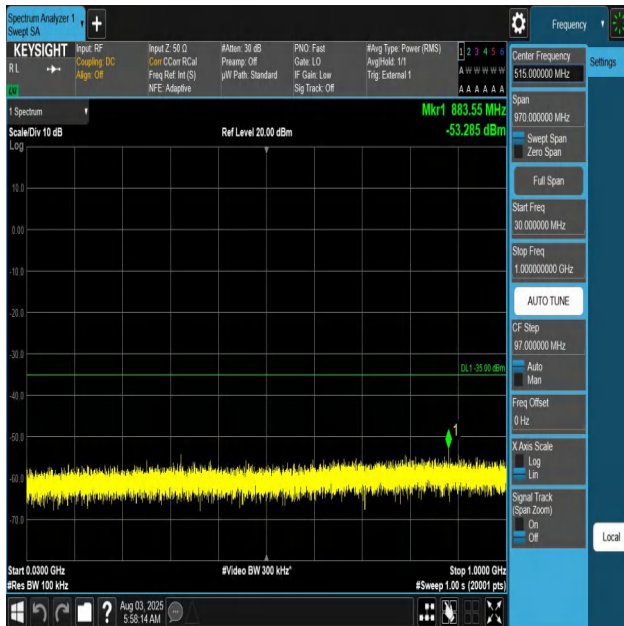
Band41-20MHz-QPSK-39750-1RB#0-30~1000-PASS

Band41-20MHz-QPSK-39750-1RB#0-1000~3000-PASS

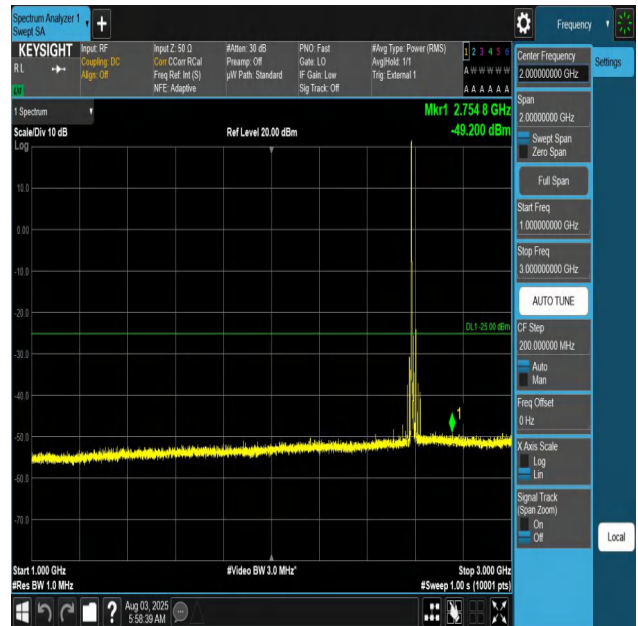


Band41-20MHz-QPSK-39750-1RB#0-3000~18000-PASS

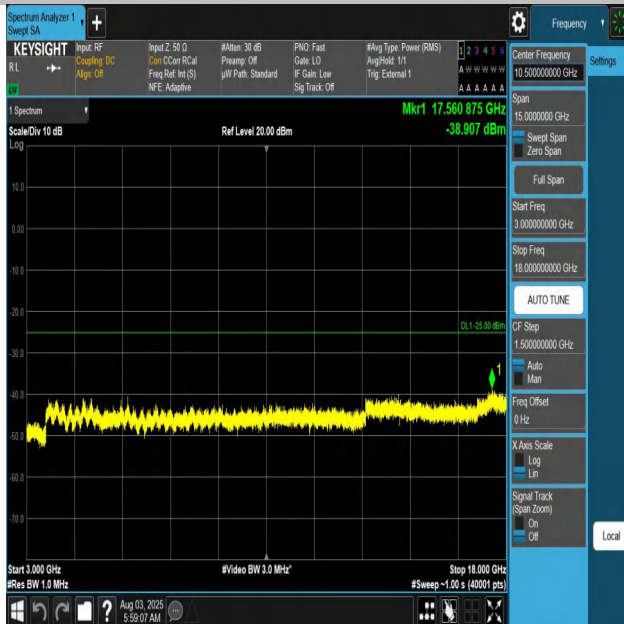
Band41-20MHz-QPSK-39750-1RB#0-18000~27000-PASS



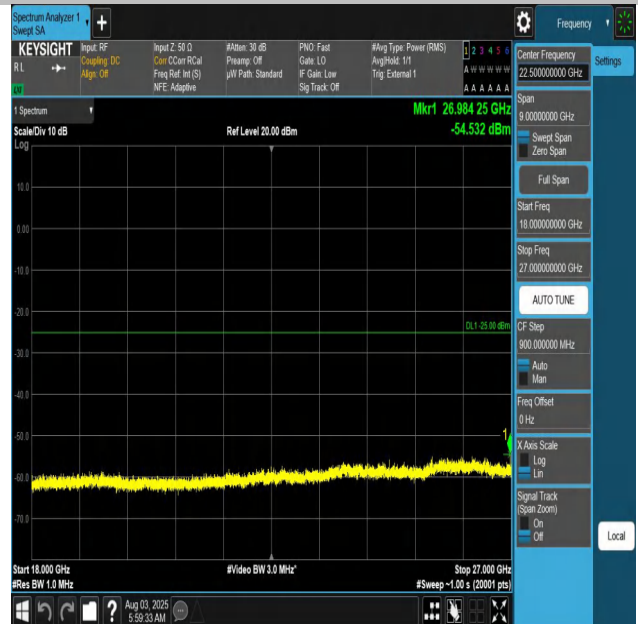
Band41-20MHz-QPSK-40620-1RB#0-30~1000-PASS



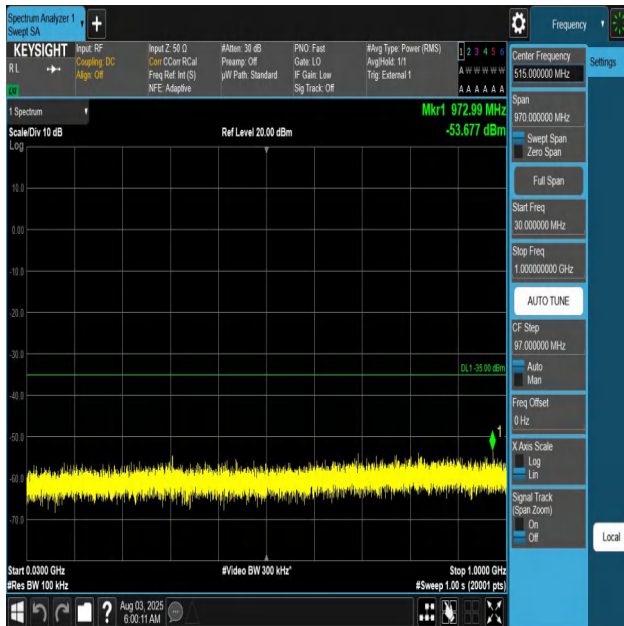
Band41-20MHz-QPSK-40620-1RB#0-1000~3000-PASS



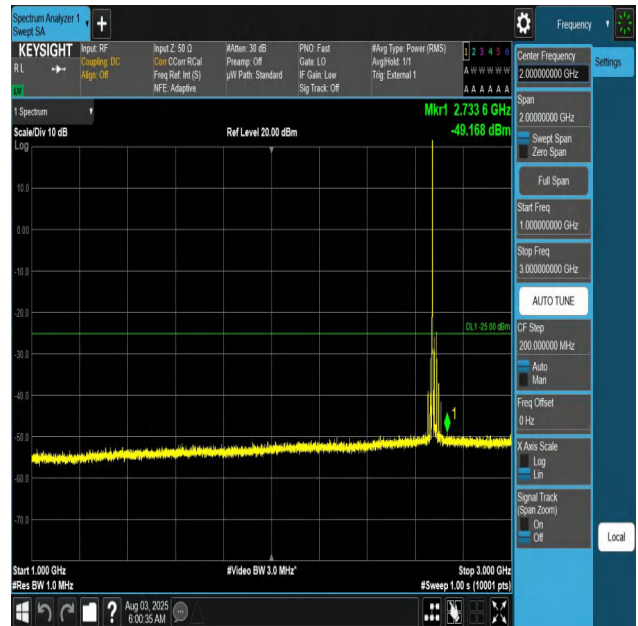
Band41-20MHz-QPSK-40620-1RB#0-3000~18000-PASS



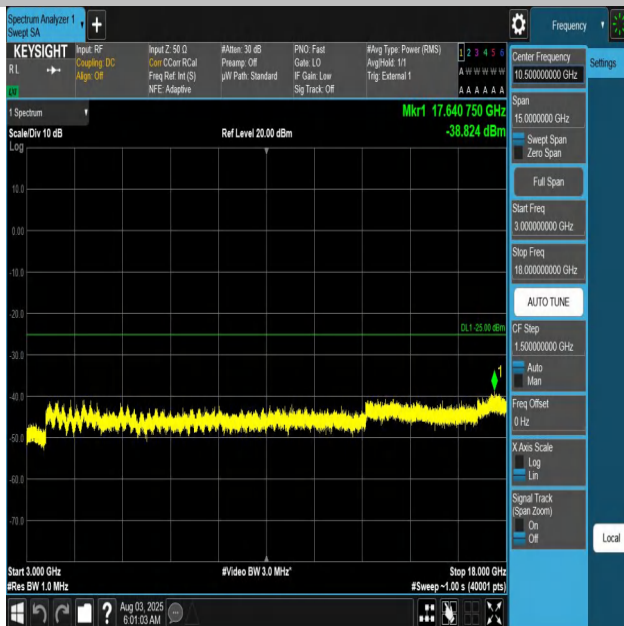
Band41-20MHz-QPSK-40620-1RB#0-18000~27000-PASS



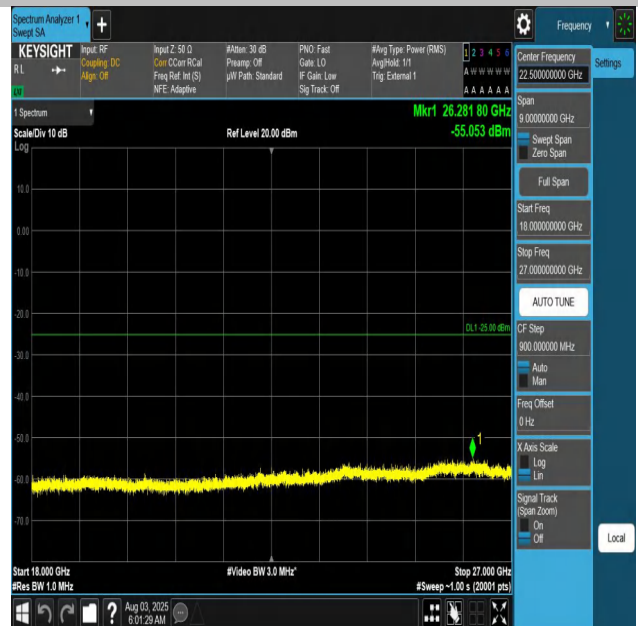
Band41-20MHz-QPSK-41490-1RB#0-30~1000-PASS



Band41-20MHz-QPSK-41490-1RB#0-1000~3000-PASS



Band41-20MHz-QPSK-41490-1RB#0-3000~18000-PASS



Band41-20MHz-QPSK-41490-1RB#0-18000~27000-PASS



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature [°C]	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	VN	NT	2960.00	1.184711	±NA	PASS
Band41	5MHz	QPSK	39675	25RB#0	VL	NT	3130.00	1.252752	±NA	PASS
Band41	5MHz	QPSK	39675	25RB#0	VH	NT	2900.00	1.160696	±NA	PASS
Band41	5MHz	QPSK	40620	25RB#0	VN	NT	16710.00	6.444273	±NA	PASS
Band41	5MHz	QPSK	40620	25RB#0	VL	NT	16930.00	6.529117	±NA	PASS
Band41	5MHz	QPSK	40620	25RB#0	VH	NT	16820.00	6.486695	±NA	PASS
Band41	5MHz	QPSK	41565	25RB#0	VN	NT	-2620.00	-0.974884	±NA	PASS
Band41	5MHz	QPSK	41565	25RB#0	VL	NT	-2450.00	-0.911628	±NA	PASS
Band41	5MHz	QPSK	41565	25RB#0	VH	NT	-2660.00	-0.989767	±NA	PASS
Band41	10MHz	QPSK	39700	50RB#0	VN	NT	-5110.00	-2.043183	±NA	PASS
Band41	10MHz	QPSK	39700	50RB#0	VL	NT	-5350.00	-2.139144	±NA	PASS
Band41	10MHz	QPSK	39700	50RB#0	VH	NT	-5020.00	-2.007197	±NA	PASS
Band41	10MHz	QPSK	40620	50RB#0	VN	NT	-15530.00	-5.989202	±NA	PASS
Band41	10MHz	QPSK	40620	50RB#0	VL	NT	-15420.00	-5.946780	±NA	PASS
Band41	10MHz	QPSK	40620	50RB#0	VH	NT	-15460.00	-5.962206	±NA	PASS
Band41	10MHz	QPSK	41540	50RB#0	VN	NT	-33620.00	-12.521415	±NA	PASS
Band41	10MHz	QPSK	41540	50RB#0	VL	NT	-33170.00	-12.353818	±NA	PASS
Band41	10MHz	QPSK	41540	50RB#0	VH	NT	-33490.00	-12.472998	±NA	PASS
Band41	15MHz	QPSK	39725	75RB#0	VN	NT	-5120.00	-2.045137	±NA	PASS
Band41	15MHz	QPSK	39725	75RB#0	VL	NT	-5260.00	-2.101059	±NA	PASS
Band41	15MHz	QPSK	39725	75RB#0	VH	NT	-5110.00	-2.041142	±NA	PASS
Band41	15MHz	QPSK	40620	75RB#0	VN	NT	15810.00	6.097185	±NA	PASS
Band41	15MHz	QPSK	40620	75RB#0	VL	NT	15360.00	5.923641	±NA	PASS
Band41	15MHz	QPSK	40620	75RB#0	VH	NT	15590.00	6.012341	±NA	PASS
Band41	15MHz	QPSK	41515	75RB#0	VN	NT	1880.00	0.700839	±NA	PASS
Band41	15MHz	QPSK	41515	75RB#0	VL	NT	2110.00	0.786580	±NA	PASS
Band41	15MHz	QPSK	41515	75RB#0	VH	NT	2110.00	0.786580	±NA	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	1210.00	0.482841	±NA	PASS
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	640.00	0.255387	±NA	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	920.00	0.367119	±NA	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	-12300.00	-4.743540	±NA	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	-12600.00	-4.859236	±NA	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	-12590.00	-4.855380	±NA	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	4790.00	1.787313	±NA	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	4990.00	1.861940	±NA	PASS



Band41	20MHz	QPSK	41490	100RB#0	VH	NT	4970.00	1.854478	±NA	PASS
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Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	NV	-30	3000.00	1.200720	±NA	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	-20	3070.00	1.228737	±NA	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	-10	2850.00	1.140684	±NA	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	0	3230.00	1.292776	±NA	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	10	3050.00	1.220732	±NA	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	20	3080.00	1.232740	±NA	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	30	3260.00	1.304783	±NA	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	40	2900.00	1.160696	±NA	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	50	2970.00	1.188713	±NA	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-30	17010.00	6.559969	±NA	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-20	17070.00	6.583108	±NA	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-10	16900.00	6.517547	±NA	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	0	16740.00	6.455843	±NA	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	10	16970.00	6.544543	±NA	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	20	16960.00	6.540686	±NA	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	30	16880.00	6.509834	±NA	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	40	16890.00	6.513691	±NA	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	50	16850.00	6.498265	±NA	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-30	-2230.00	-0.829767	±NA	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-20	-2410.00	-0.896744	±NA	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-10	-2470.00	-0.919070	±NA	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	0	-2480.00	-0.922791	±NA	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	10	-2550.00	-0.948837	±NA	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	20	-2470.00	-0.919070	±NA	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	30	-2440.00	-0.907907	±NA	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	40	-2460.00	-0.915349	±NA	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	50	-2070.00	-0.770233	±NA	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-30	-5110.00	-2.043183	±NA	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-20	-5050.00	-2.019192	±NA	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-10	-5070.00	-2.027189	±NA	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	0	-5220.00	-2.087165	±NA	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	10	-5090.00	-2.035186	±NA	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	20	-4930.00	-1.971212	±NA	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	30	-5070.00	-2.027189	±NA	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	40	-4990.00	-1.995202	±NA	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	50	-4970.00	-1.987205	±NA	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-30	-15440.00	-5.954493	±NA	PASS



Band41	10MHz	QPSK	40620	50RB#0	NV	-20	-15430.00	-5.950636	±NA	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-10	-15510.00	-5.981489	±NA	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	0	-15370.00	-5.927497	±NA	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	10	-15380.00	-5.931354	±NA	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	20	-15500.00	-5.977632	±NA	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	30	-15520.00	-5.985345	±NA	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	40	-15470.00	-5.966062	±NA	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	50	-15430.00	-5.950636	±NA	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-30	-33430.00	-12.450652	±NA	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-20	-33290.00	-12.398510	±NA	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-10	-33270.00	-12.391061	±NA	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	0	-33460.00	-12.461825	±NA	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	10	-33420.00	-12.446927	±NA	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	20	-33470.00	-12.465549	±NA	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	30	-33460.00	-12.461825	±NA	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	40	-33520.00	-12.484171	±NA	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	50	-33370.00	-12.428305	±NA	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-30	-5090.00	-2.033154	±NA	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-20	-5220.00	-2.085081	±NA	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-10	-5260.00	-2.101059	±NA	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	0	-5090.00	-2.033154	±NA	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	10	-5050.00	-2.017176	±NA	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	20	-5410.00	-2.160975	±NA	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	30	-5170.00	-2.065109	±NA	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	40	-5290.00	-2.113042	±NA	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	50	-5180.00	-2.069103	±NA	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-30	15650.00	6.035480	±NA	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-20	15810.00	6.097185	±NA	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-10	14870.00	5.734670	±NA	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	0	15160.00	5.846510	±NA	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	10	15500.00	5.977632	±NA	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	20	15070.00	5.811801	±NA	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	30	15450.00	5.958349	±NA	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	40	15410.00	5.942923	±NA	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	50	14930.00	5.757809	±NA	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-30	2210.00	0.823858	±NA	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-20	1740.00	0.648649	±NA	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-10	1870.00	0.697111	±NA	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	0	2050.00	0.764212	±NA	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	10	2030.00	0.756757	±NA	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	20	2270.00	0.846226	±NA	PASS



Band41	15MHz	QPSK	41515	75RB#0	NV	30	1980.00	0.738117	±NA	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	40	2290.00	0.853681	±NA	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	50	2090.00	0.779124	±NA	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-30	710.00	0.283320	±NA	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	1190.00	0.474860	±NA	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-10	1080.00	0.430966	±NA	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	930.00	0.371109	±NA	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	860.00	0.343176	±NA	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	670.00	0.267358	±NA	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	1040.00	0.415004	±NA	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	820.00	0.327215	±NA	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	1250.00	0.498803	±NA	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	-12620.00	-4.866949	±NA	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	-12650.00	-4.878519	±NA	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	-12530.00	-4.832241	±NA	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	-12560.00	-4.843810	±NA	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	-12650.00	-4.878519	±NA	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	-12400.00	-4.782106	±NA	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	-12420.00	-4.789819	±NA	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	-12490.00	-4.816815	±NA	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	-12640.00	-4.874663	±NA	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	5060.00	1.888060	±NA	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	4850.00	1.809701	±NA	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	5330.00	1.988806	±NA	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	4760.00	1.776119	±NA	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	5010.00	1.869403	±NA	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	4490.00	1.675373	±NA	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	4820.00	1.798507	±NA	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	5100.00	1.902985	±NA	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	4670.00	1.742537	±NA	PASS

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