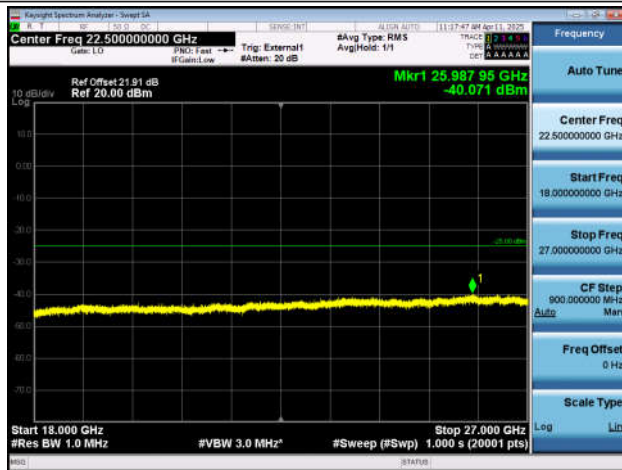
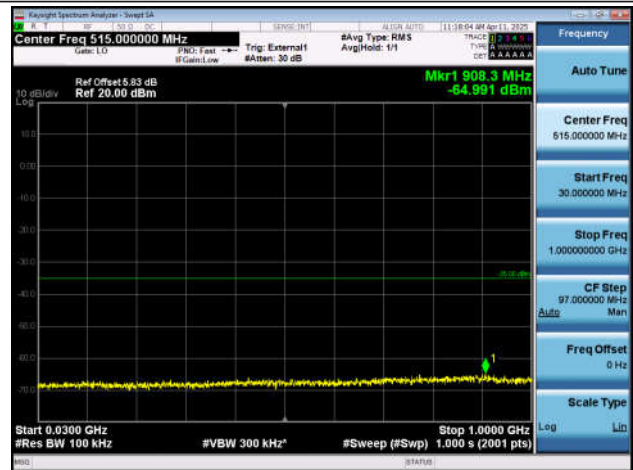


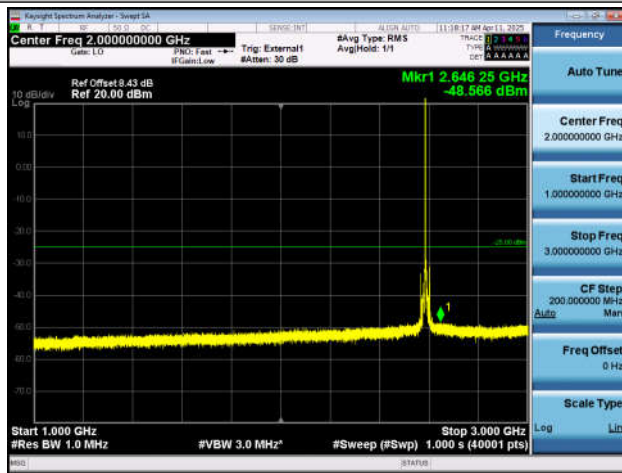
Band41-20MHz-QPSK-39750-1RB#0-18000~27000-PASS



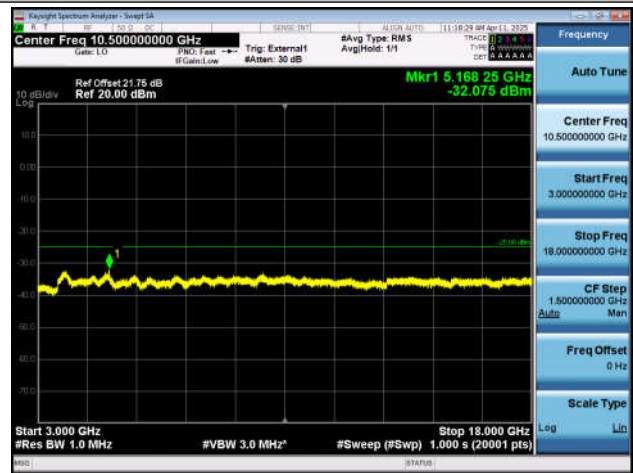
Band41-20MHz-QPSK-40620-1RB#0-30~1000-PASS



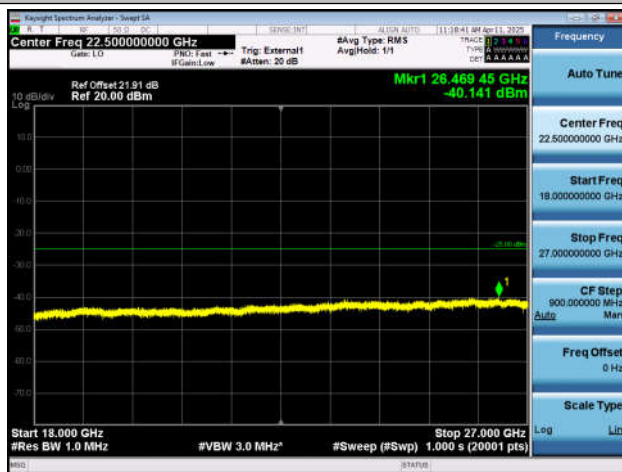
Band41-20MHz-QPSK-40620-1RB#0-1000~3000-PASS



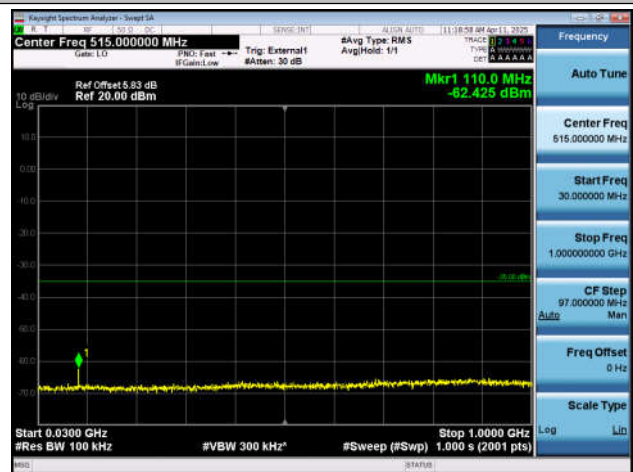
Band41-20MHz-QPSK-40620-1RB#0-3000~18000-PASS



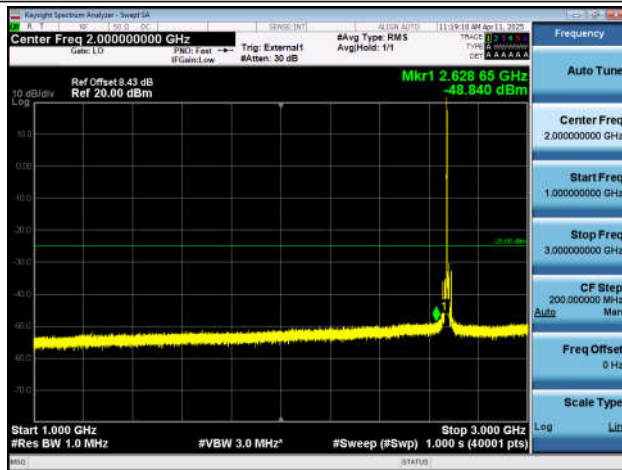
Band41-20MHz-QPSK-40620-1RB#0-18000~27000-PASS



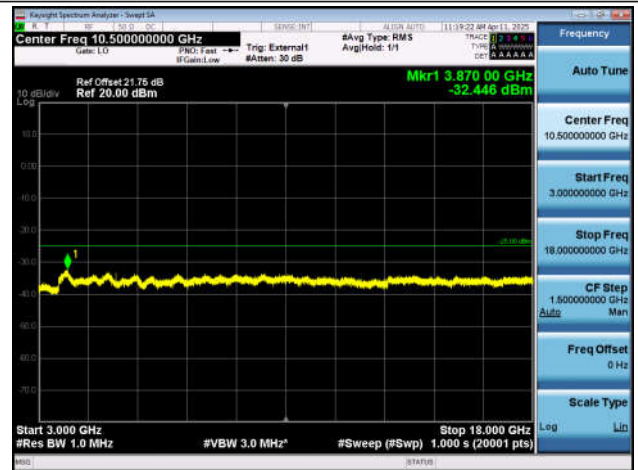
Band41-20MHz-QPSK-41490-1RB#0-30~1000-PASS



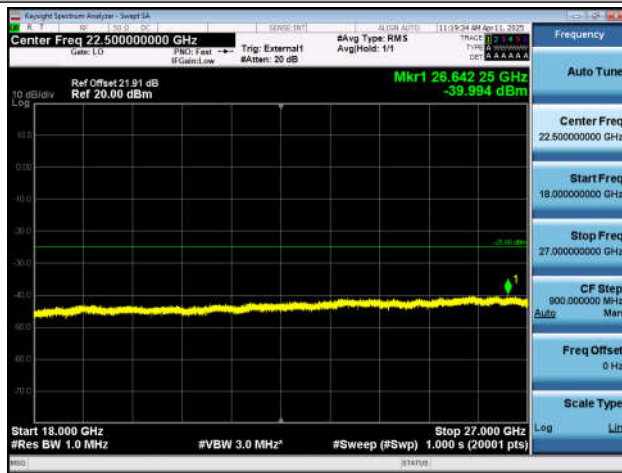
Band41-20MHz-QPSK-41490-1RB#0-1000~3000-PASS



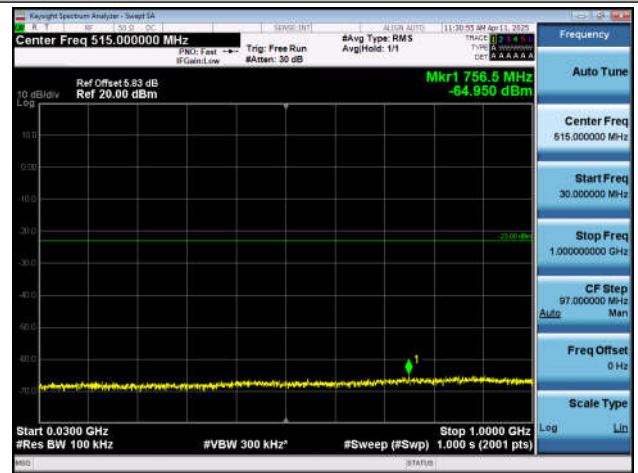
Band41-20MHz-QPSK-41490-1RB#0-3000~18000-PASS



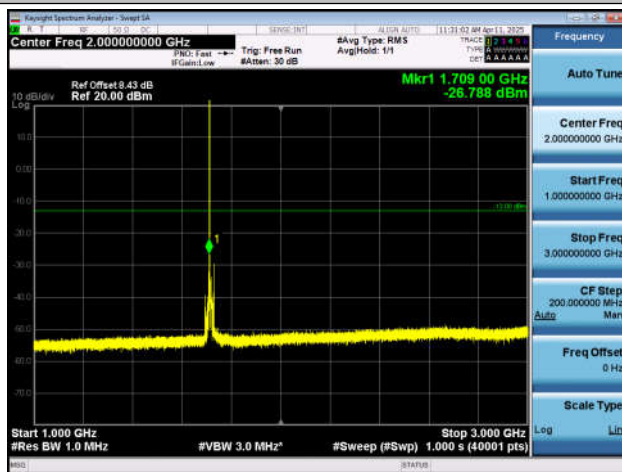
Band41-20MHz-QPSK-41490-1RB#0-18000~27000-PASS



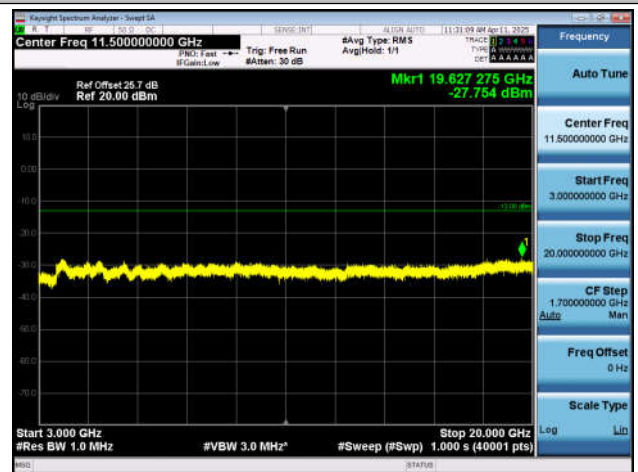
Band66-20MHz-QPSK-132072-1RB#0-30~1000-PASS



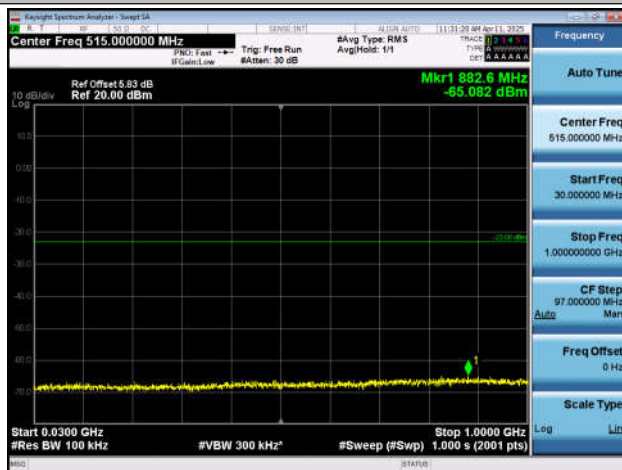
Band66-20MHz-QPSK-132072-1RB#0-1000~3000-PASS



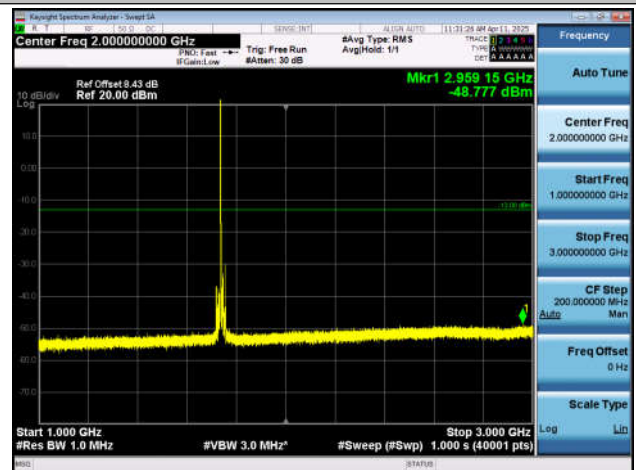
Band66-20MHz-QPSK-132072-1RB#0-3000~20000-PASS



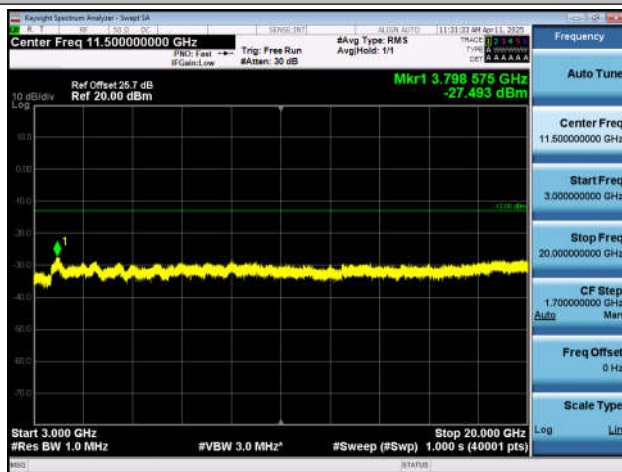
Band66-20MHz-QPSK-132322-1RB#0-30~1000-PASS



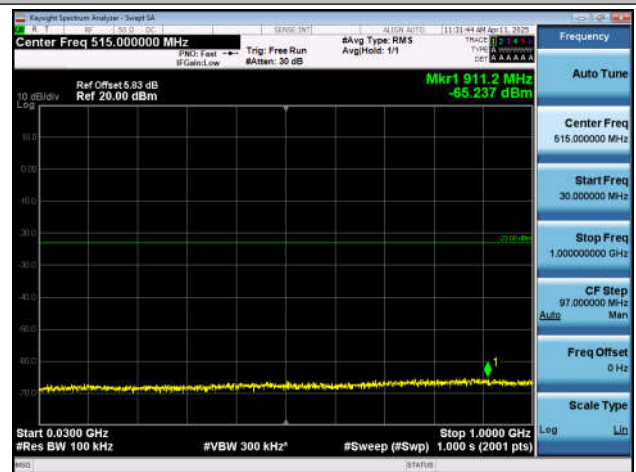
Band66-20MHz-QPSK-132322-1RB#0-1000~3000-PASS



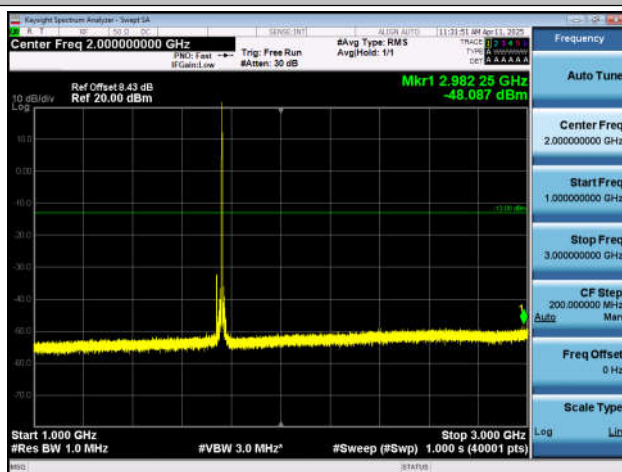
Band66-20MHz-QPSK-132322-1RB#0-3000~20000-PASS



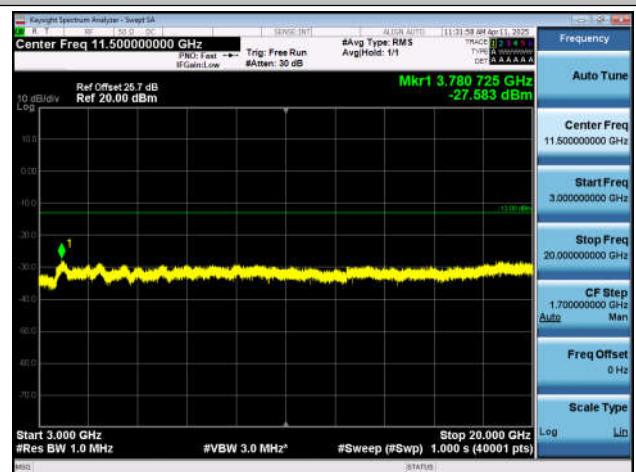
Band66-20MHz-QPSK-132572-1RB#0-30~1000-PASS



Band66-20MHz-QPSK-132572-1RB#0-1000~3000-PASS



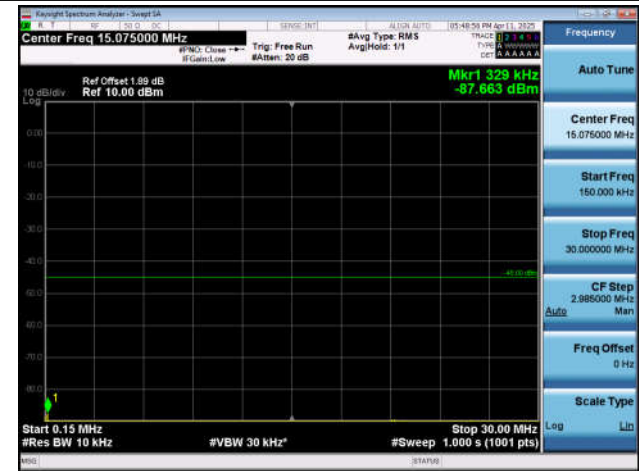
Band66-20MHz-QPSK-132572-1RB#0-3000~20000-PASS



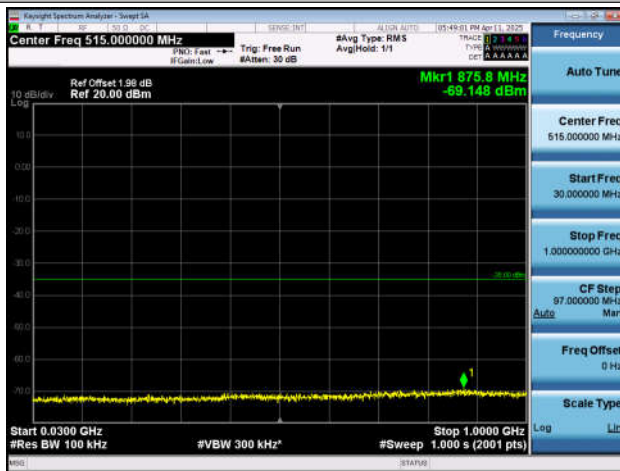
7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#0-0R
B#0-0.009~0.15MHz-PASS



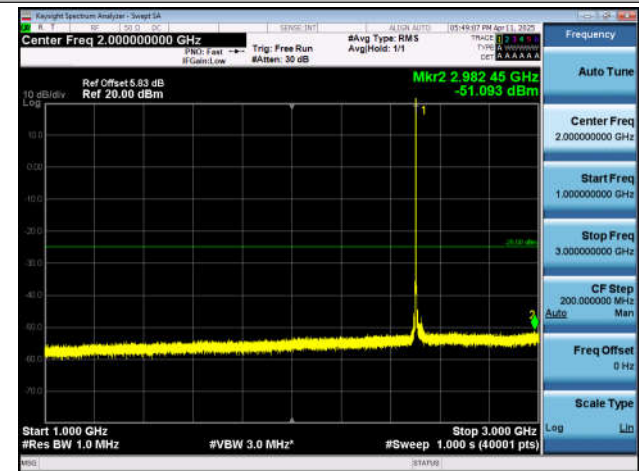
7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#0-0RB
#0-0.15~30MHz-PASS



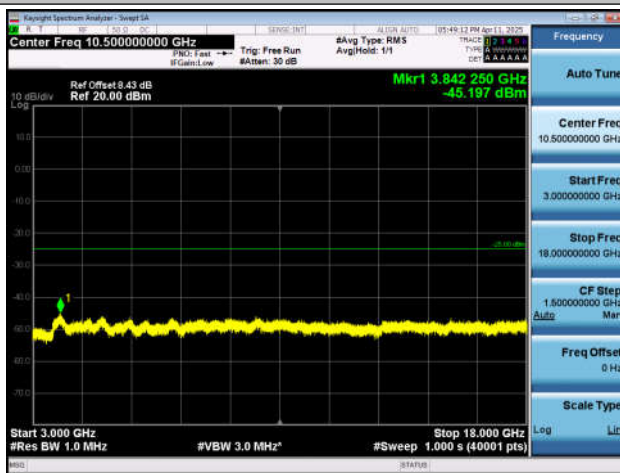
7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#0-0R
B#0-30~1000MHz-PASS



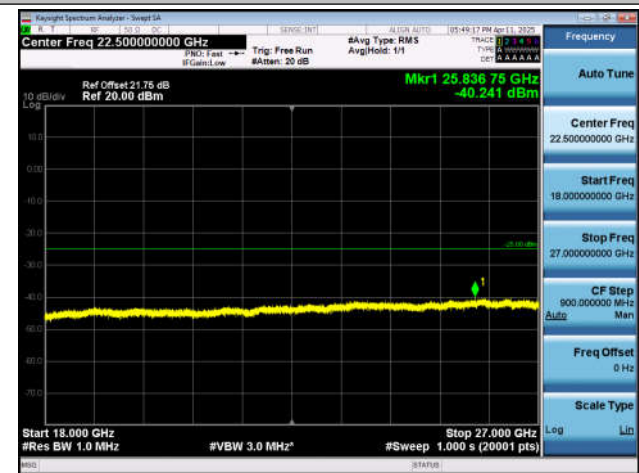
7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#0-0RB
#0-1000~3000MHz-PASS



7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#0-0R
B#0-3000~18000MHz-PASS



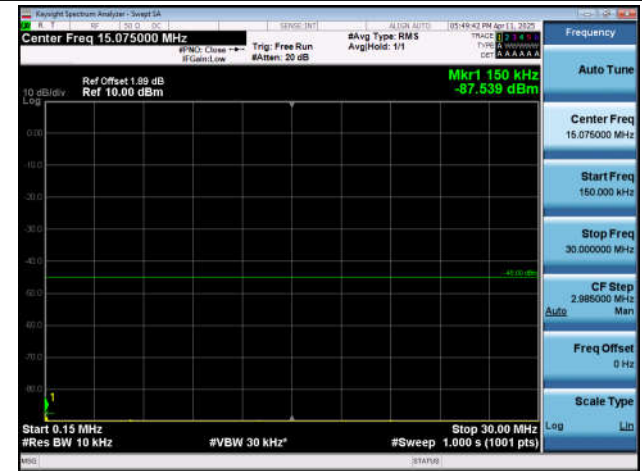
7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#0-0RB
#0-18000~27000MHz-PASS



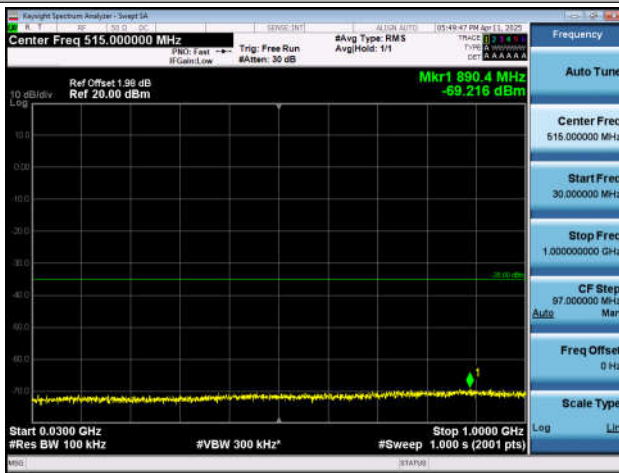
7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#0-0R
B#0-0.009~0.15MHz-PASS



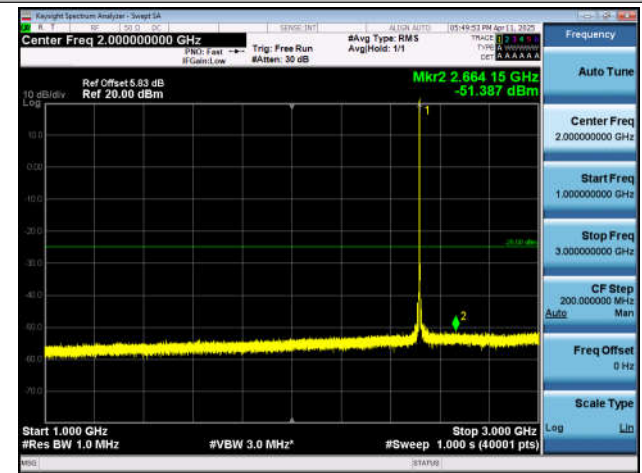
7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#0-0RB
#0-0.15~30MHz-PASS



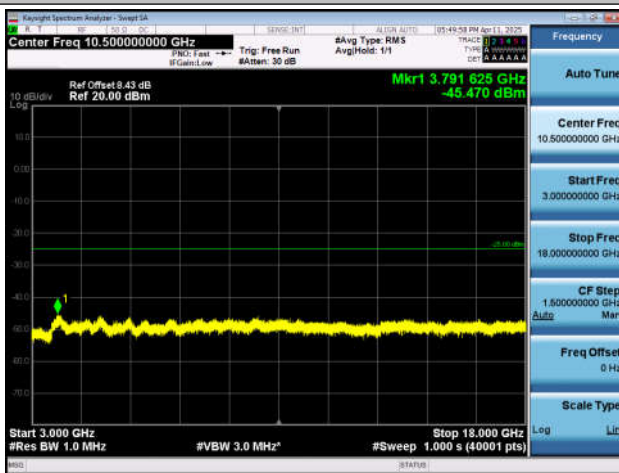
7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#0-0R
B#0-30~1000MHz-PASS



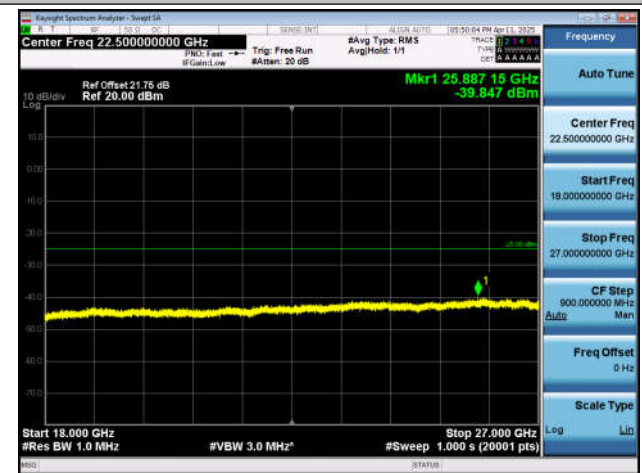
7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#0-0RB
#0-1000~3000MHz-PASS



7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#0-0R
B#0-3000~18000MHz-PASS



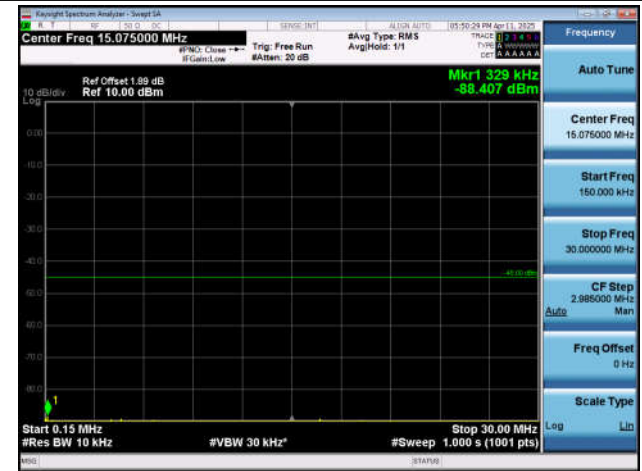
7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#0-0RB
#0-18000~27000MHz-PASS



7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#0-0R
B#0-0.009~0.15MHz-PASS



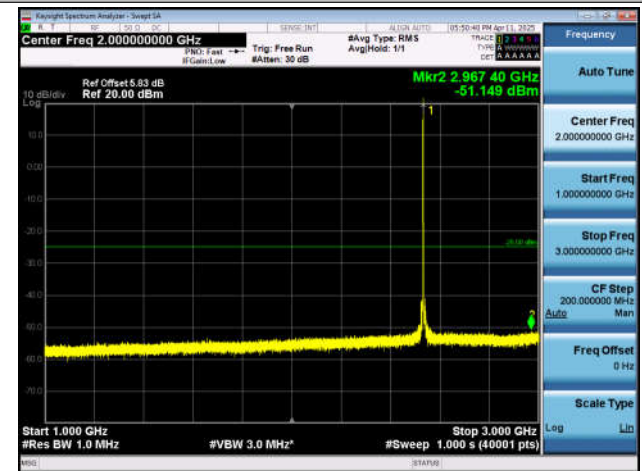
7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#0-0RB
#0-0.15~30MHz-PASS



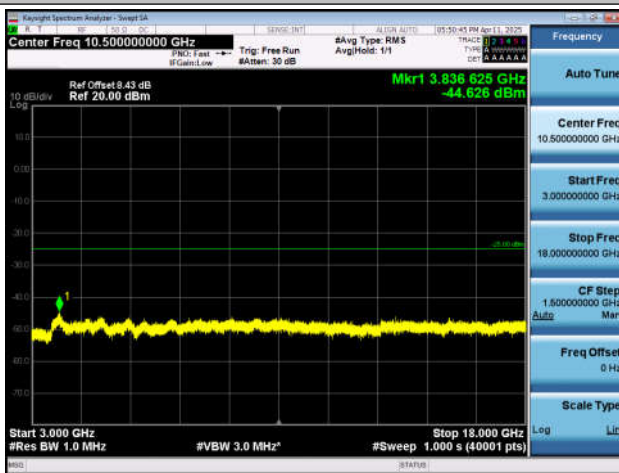
7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#0-0R
B#0-30~1000MHz-PASS



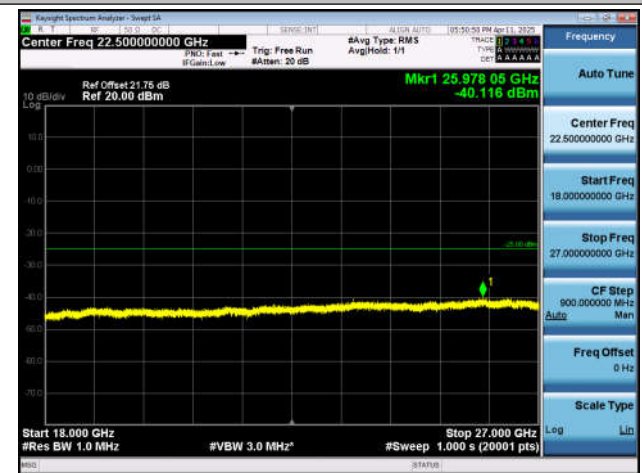
7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#0-0RB
#0-1000~3000MHz-PASS



7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#0-0R
B#0-3000~18000MHz-PASS



7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#0-0RB
#0-18000~27000MHz-PASS



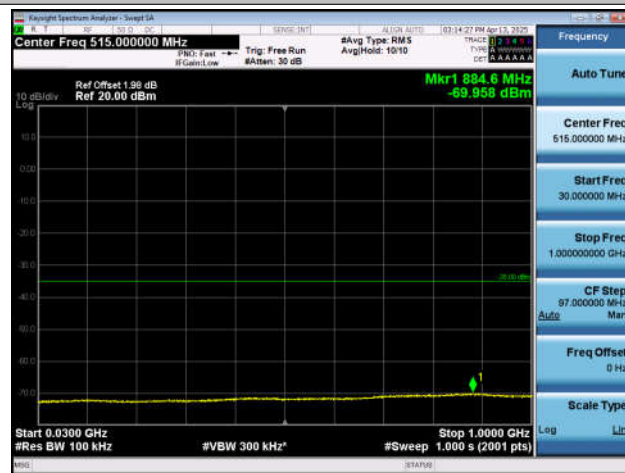
41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0
RB#0-0.009~0.15MHz-PASS



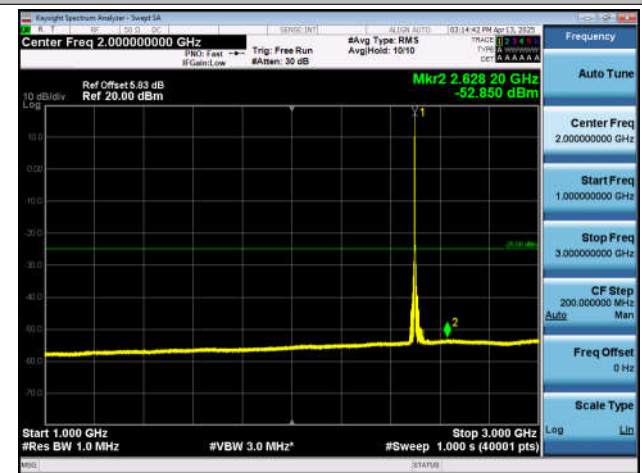
41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0
RB#0-0.15~30MHz-PASS



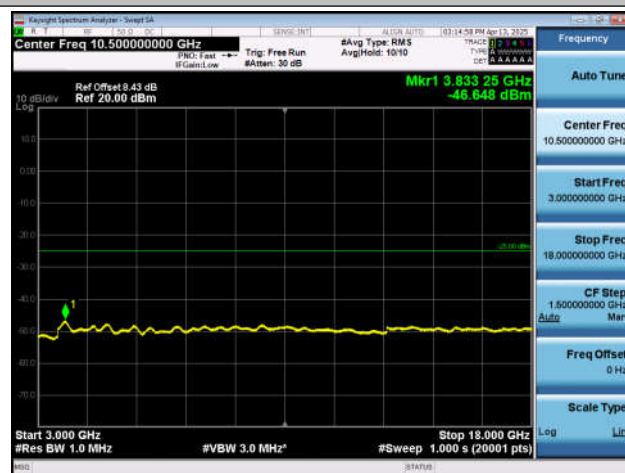
41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0
RB#0-30~1000MHz-PASS



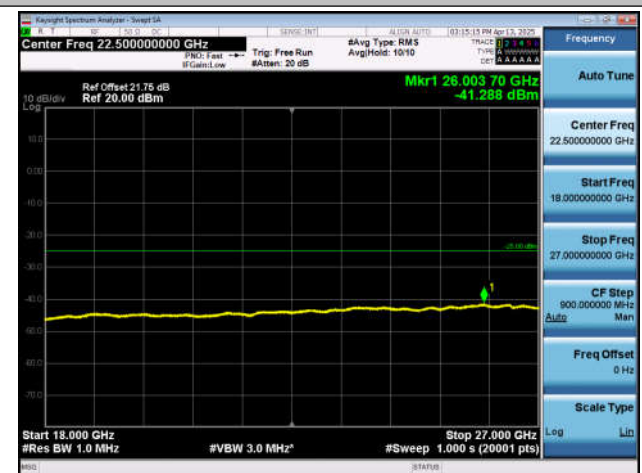
41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0
RB#0-1000~3000MHz-PASS



41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0
RB#0-3000~18000MHz-PASS



41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0
RB#0-18000~27000MHz-PASS



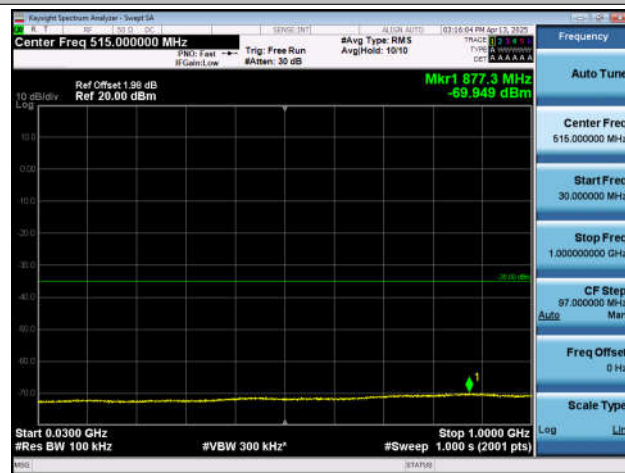
41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0
RB#0-0.009~0.15MHz-PASS



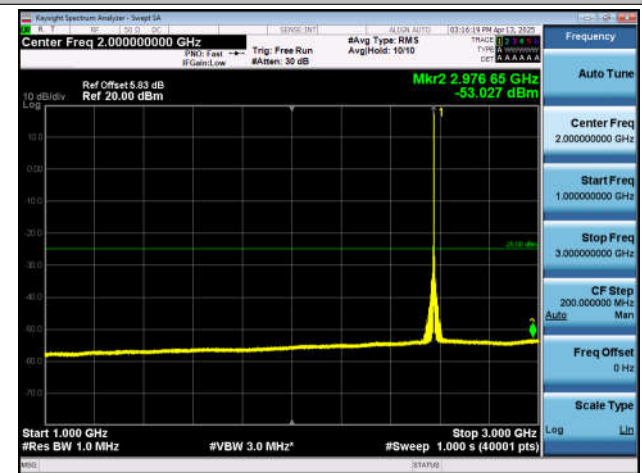
41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0
RB#0-0.15~30MHz-PASS



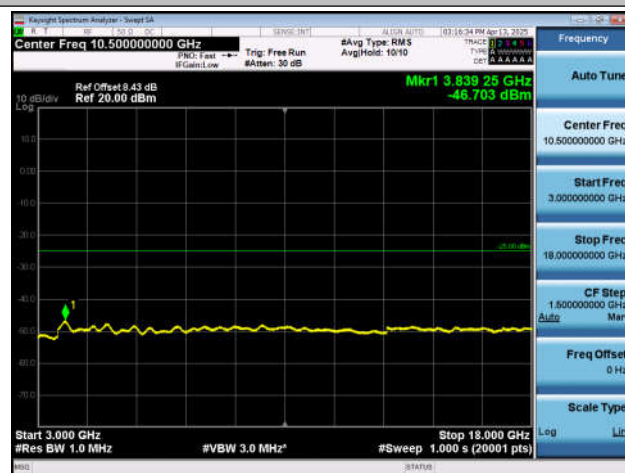
41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0
RB#0-30~1000MHz-PASS



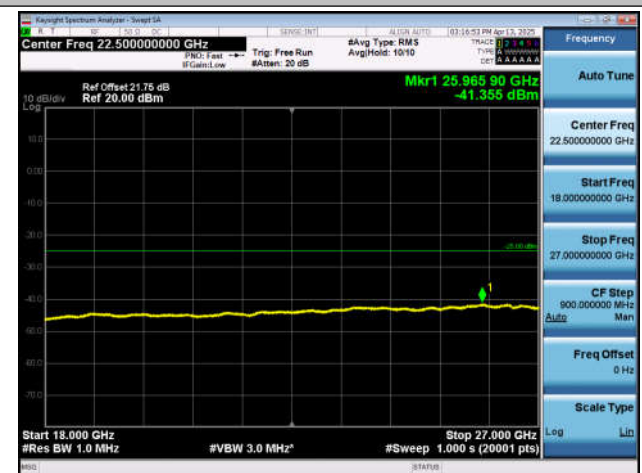
41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0
RB#0-1000~3000MHz-PASS



41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0
RB#0-3000~18000MHz-PASS



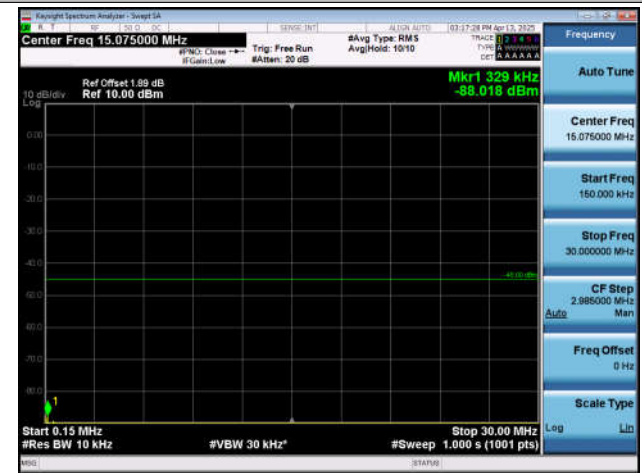
41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0
RB#0-18000~27000MHz-PASS



41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0
RB#0-0.009~0.15MHz-PASS



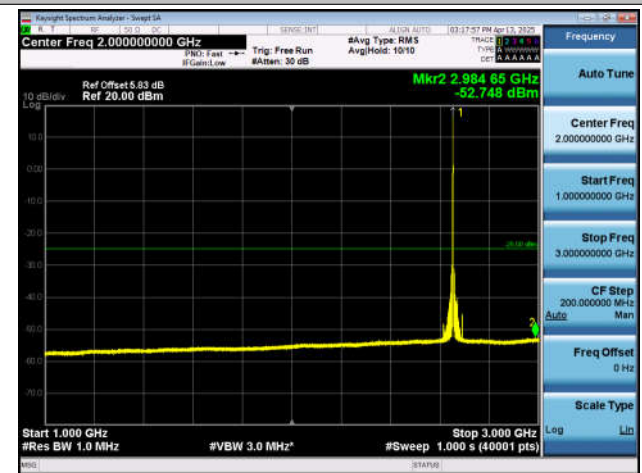
41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0
RB#0-0.15~30MHz-PASS



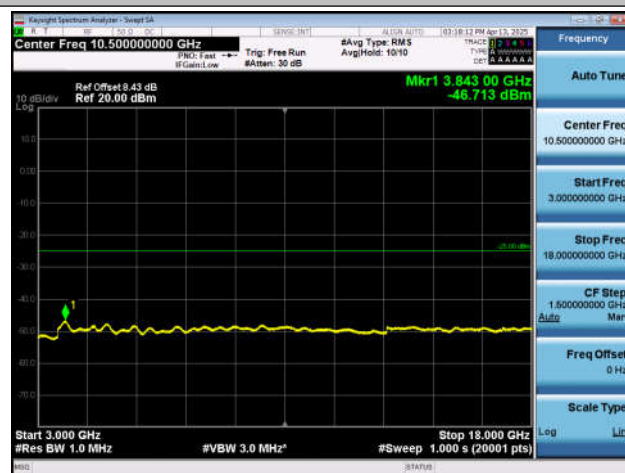
41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0
RB#0-30~1000MHz-PASS



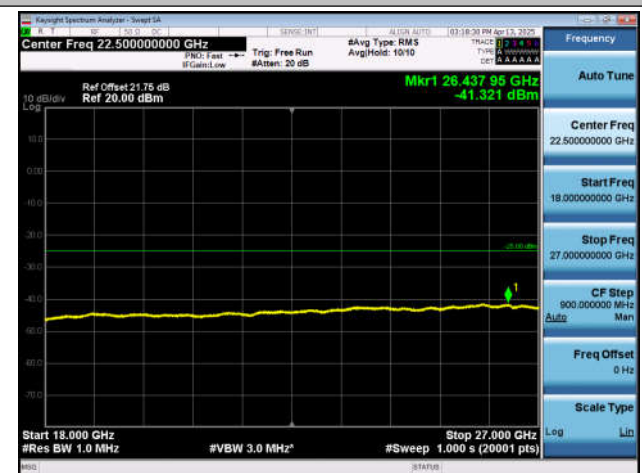
41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0
RB#0-1000~3000MHz-PASS



41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0
RB#0-3000~18000MHz-PASS



41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0
RB#0-18000~27000MHz-PASS





Frequency Stability

Test Result and Data

LTE Band 2_10MHz_QPSK_Mid Channel_Full RB					
Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NV	NT	7.05	0.003750	Within authorized band for Band 2	PASS
LV	NT	8.00	0.004255		PASS
HV	NT	4.89	0.002601		PASS
NV	-30	3.22	0.001713		PASS
NV	-20	4.29	0.002282		PASS
NV	-10	3.59	0.001910		PASS
NV	0	2.19	0.001165		PASS
NV	10	3.28	0.001745		PASS
NV	20	-2.40	-0.001277		PASS
NV	30	-2.83	-0.001505		PASS
NV	40	2.65	0.001410		PASS
NV	50	3.83	0.002037		PASS

LTE Band 4_10MHz_QPSK_Mid Channel_Full RB					
Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NV	NT	5.41	0.003123	Within authorized band for Band 4	PASS
LV	NT	6.41	0.003700		PASS
HV	NT	4.26	0.002459		PASS
NV	-30	3.05	0.001760		PASS
NV	-20	3.76	0.002170		PASS
NV	-10	3.33	0.001922		PASS
NV	0	3.43	0.001980		PASS
NV	10	-2.16	-0.001247		PASS
NV	20	3.39	0.001957		PASS
NV	30	3.32	0.001916		PASS
NV	40	-1.57	-0.000906		PASS
NV	50	3.78	0.002182		PASS



LTE Band 5_10MHz_QPSK_Mid Channel_Full RB					
Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NV	NT	-4.96	-0.005929	±2.5	PASS
LV	NT	-8.88	-0.010616		PASS
HV	NT	1.65	0.001973		PASS
NV	-30	0.99	0.001184		PASS
NV	-20	1.83	0.002188		PASS
NV	-10	2.40	0.002869		PASS
NV	0	-1.67	-0.001996		PASS
NV	10	-2.57	-0.003072		PASS
NV	20	-2.72	-0.003252		PASS
NV	30	-1.76	-0.002104		PASS
NV	40	-2.52	-0.003013		PASS
NV	50	-1.62	-0.001937		PASS

LTE Band 7_10MHz_QPSK_Mid Channel_Full RB					
Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NV	NT	2.45	0.000966	Within authorized band for Band 7	PASS
LV	NT	5.06	0.001996		PASS
HV	NT	5.34	0.002107		PASS
NV	-30	6.47	0.002552		PASS
NV	-20	3.12	0.001231		PASS
NV	-10	4.16	0.001641		PASS
NV	0	2.80	0.001105		PASS
NV	10	3.52	0.001389		PASS
NV	20	-3.68	-0.001452		PASS
NV	30	-3.00	-0.001183		PASS
NV	40	-3.39	-0.001337		PASS
NV	50	2.15	0.000848		PASS



LTE Band 12_10MHz_QPSK_Mid Channel_Full RB					
Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NV	NT	-2.49	-0.003519	Within authorized band for Band 12	PASS
LV	NT	-1.82	-0.002572		PASS
HV	NT	1.65	0.002332		PASS
NV	-30	2.16	0.003053		PASS
NV	-20	1.76	0.002488		PASS
NV	-10	1.34	0.001894		PASS
NV	0	2.26	0.003194		PASS
NV	10	-1.52	-0.002148		PASS
NV	20	0.96	0.001357		PASS
NV	30	1.83	0.002587		PASS
NV	40	3.09	0.004367		PASS
NV	50	1.87	0.002643		PASS

LTE Band 17_10MHz_QPSK_Mid Channel_Full RB					
Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NV	NT	-3.02	-0.004254	Within authorized band for Band 17	PASS
LV	NT	2.42	0.003408		PASS
HV	NT	1.73	0.002437		PASS
NV	-30	1.76	0.002479		PASS
NV	-20	3.39	0.004775		PASS
NV	-10	0.80	0.001127		PASS
NV	0	2.05	0.002887		PASS
NV	10	1.40	0.001972		PASS
NV	20	1.62	0.002282		PASS
NV	30	1.33	0.001873		PASS
NV	40	1.49	0.002099		PASS
NV	50	1.29	0.001817		PASS



LTE Band 25_10MHz_QPSK_Mid Channel_Full RB					
Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NV	NT	-3.66	-0.001944	Within authorized band for Band 25	PASS
LV	NT	-3.72	-0.001976		PASS
HV	NT	-3.91	-0.002077		PASS
NV	-30	-3.56	-0.001891		PASS
NV	-20	-3.40	-0.001806		PASS
NV	-10	-3.12	-0.001657		PASS
NV	0	-5.69	-0.003023		PASS
NV	10	-4.61	-0.002449		PASS
NV	20	-5.55	-0.002948		PASS
NV	30	-6.31	-0.003352		PASS
NV	40	-3.89	-0.002066		PASS
NV	50	-6.90	-0.003665		PASS

LTE Band 26(814~824MHz)_10MHz_QPSK_Mid Channel_Full RB					
Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NV	NT	1.73	0.002112	±2.5	PASS
LV	NT	2.45	0.002991		PASS
HV	NT	-2.20	-0.002686		PASS
NV	-30	-2.05	-0.002503		PASS
NV	-20	-1.67	-0.002039		PASS
NV	-10	1.20	0.001465		PASS
NV	0	-1.22	-0.001490		PASS
NV	10	-1.46	-0.001783		PASS
NV	20	-2.56	-0.003126		PASS
NV	30	-2.49	-0.003040		PASS
NV	40	0.84	0.001026		PASS
NV	50	2.56	0.003126		PASS



LTE Band 26(824~849MHz)_10MHz_QPSK_Mid Channel_Full RB					
Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NV	NT	-4.01	-0.004794	±2.5	PASS
LV	NT	-2.15	-0.002570		PASS
HV	NT	2.69	0.003216		PASS
NV	-30	2.46	0.002941		PASS
NV	-20	1.62	0.001937		PASS
NV	-10	2.70	0.003228		PASS
NV	0	2.19	0.002618		PASS
NV	10	1.56	0.001865		PASS
NV	20	-2.23	-0.002666		PASS
NV	30	-2.50	-0.002989		PASS
NV	40	-1.52	-0.001817		PASS
NV	50	3.33	0.003981		PASS

LTE Band 41_10MHz_QPSK_Mid Channel_Full RB					
Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NV	NT	6.81	0.002626	Within authorized band for Band 41	PASS
LV	NT	5.11	0.001971		PASS
HV	NT	6.49	0.002503		PASS
NV	-30	3.89	0.001500		PASS
NV	-20	5.06	0.001951		PASS
NV	-10	4.28	0.001651		PASS
NV	0	5.26	0.002029		PASS
NV	10	4.81	0.001855		PASS
NV	20	5.24	0.002021		PASS
NV	30	6.58	0.002538		PASS
NV	40	4.99	0.001924		PASS
NV	50	4.09	0.001577		PASS



LTE Band 66_10MHz_QPSK_Mid Channel_Full RB					
Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NV	NT	-2.57	-0.001473	Within authorized band for Band 66	PASS
LV	NT	3.16	0.001811		PASS
HV	NT	3.63	0.002080		PASS
NV	-30	1.90	0.001089		PASS
NV	-20	3.10	0.001777		PASS
NV	-10	-2.65	-0.001519		PASS
NV	0	-2.26	-0.001295		PASS
NV	10	-2.07	-0.001186		PASS
NV	20	-3.60	-0.002063		PASS
NV	30	-3.09	-0.001771		PASS
NV	40	2.26	0.001295		PASS
NV	50	-2.53	-0.001450		PASS

LTE Band 7C_20MHz+20MHz_QPSK-QPSK_Mid Channel_Full RB					
Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NV	NT	43.56	0.017251	Within authorized band for Band 7C	PASS
LV	NT	39.74	0.015738		PASS
HV	NT	37.47	0.014839		PASS
NV	-30	35.69	0.014134		PASS
NV	-20	38.02	0.015057		PASS
NV	-10	34.42	0.013631		PASS
NV	0	35.52	0.014067		PASS
NV	10	35.53	0.014071		PASS
NV	20	34.90	0.013821		PASS
NV	30	34.02	0.013473		PASS
NV	40	34.96	0.013845		PASS
NV	50	34.63	0.013714		PASS



LTE Band 41C_20MHz+20MHz_QPSK-QPSK_Mid Channel_Full RB					
Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NV	NT	28.98	0.011219	Within authorized band for Band 41C	PASS
LV	NT	27.75	0.010743		PASS
HV	NT	29.51	0.011424		PASS
NV	-30	27.22	0.010538		PASS
NV	-20	25.81	0.009992		PASS
NV	-10	25.94	0.010042		PASS
NV	0	24.28	0.009400		PASS
NV	10	23.82	0.009221		PASS
NV	20	25.55	0.009891		PASS
NV	30	26.69	0.010333		PASS
NV	40	25.69	0.009945		PASS
NV	50	24.40	0.009446		PASS

Note 1: Normal Voltage = 3.93, Low Voltage = 3.65V, High Voltage = 4.53V, Normal Temperature = 20°C.

**** END OF REPORT ****