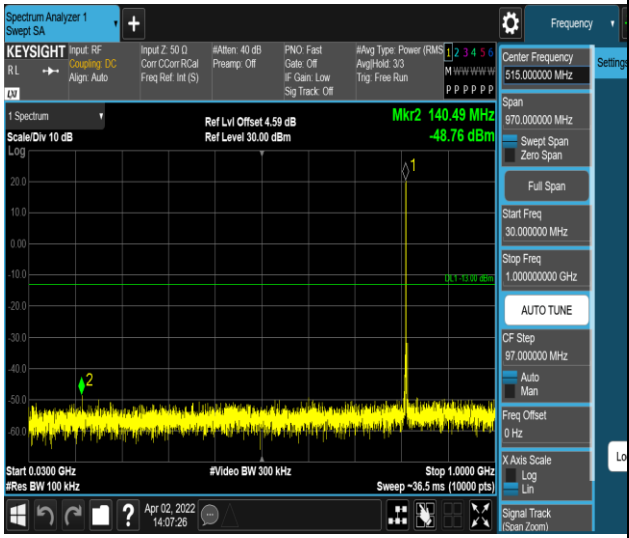
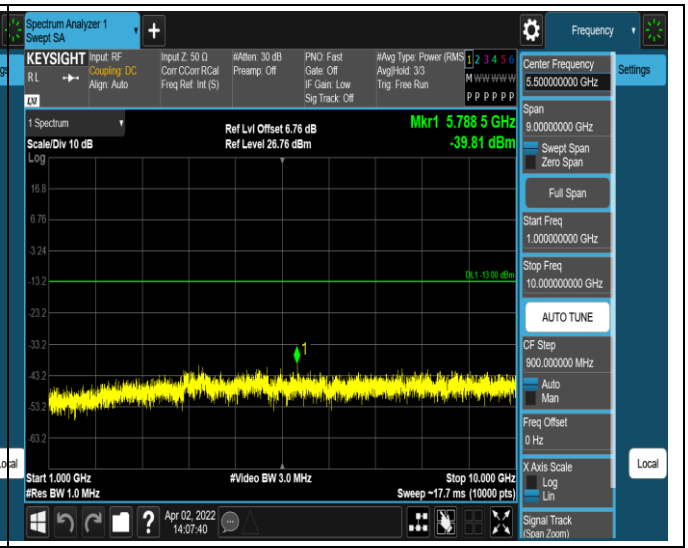
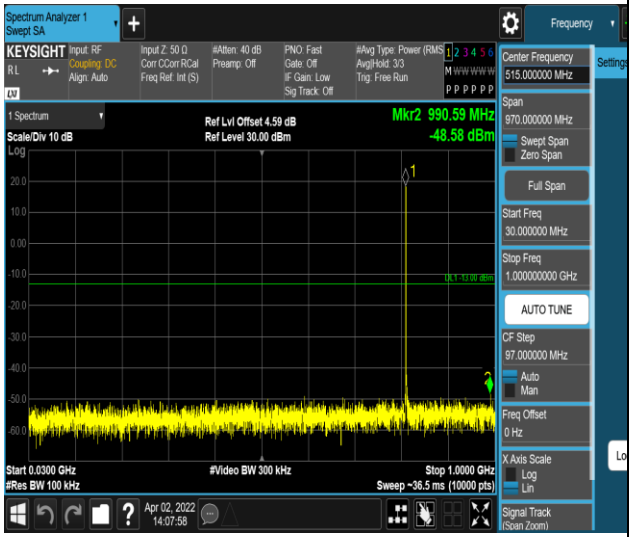


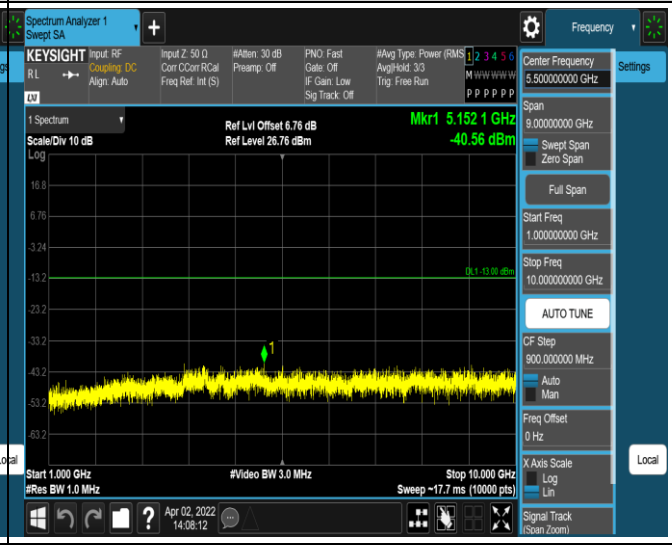
Band26-10MHz-16QAM-26740-1RB#0-Range1:30~1000MHz



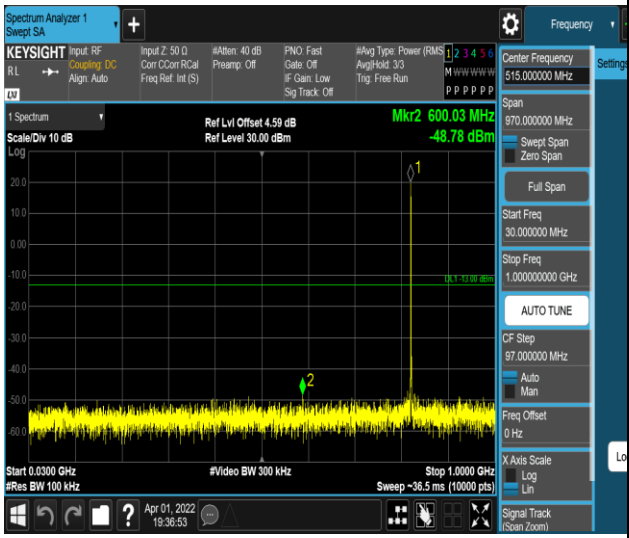
Band26-10MHz-16QAM-26740-1RB#0-Range2:1000~10000MHz

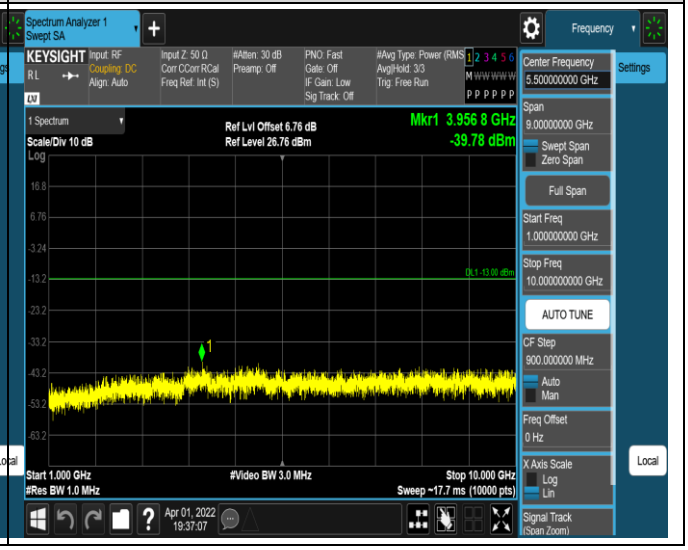


Band26-15MHz-QPSK-26865-1RB#0-Range1:30~1000MHz



Band26-15MHz-QPSK-26865-1RB#0-Range2:1000~10000MHz





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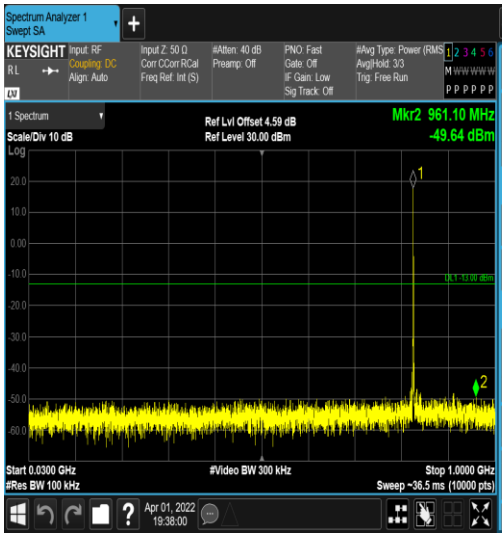
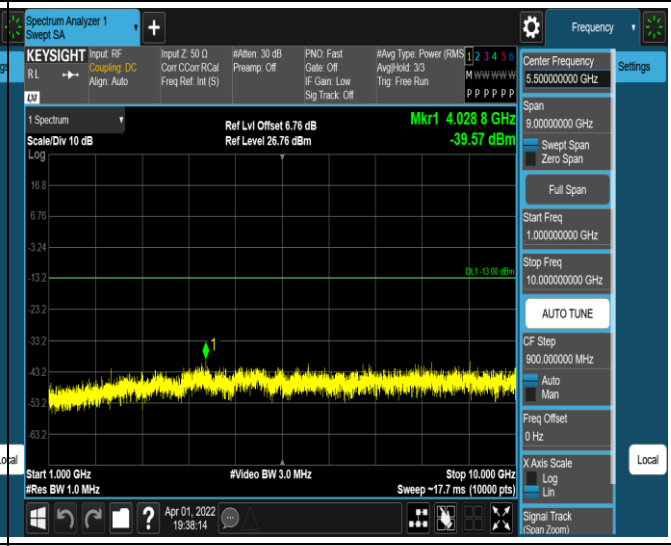
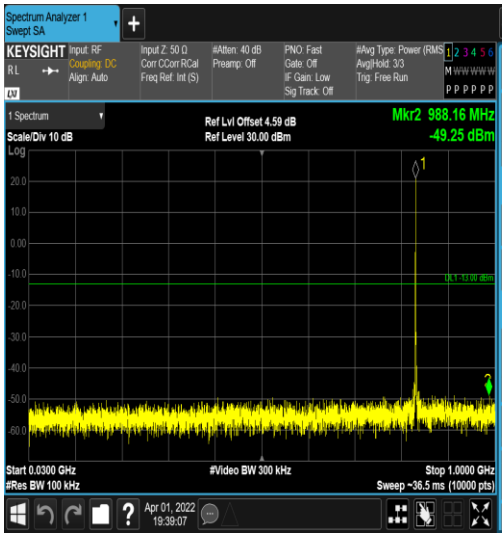
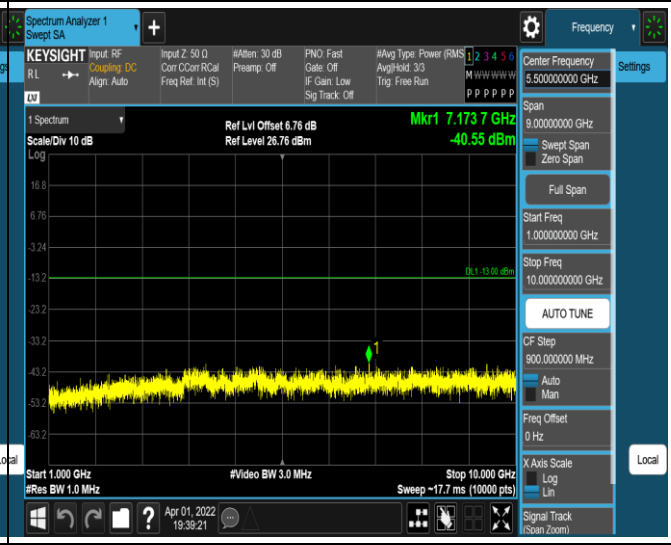
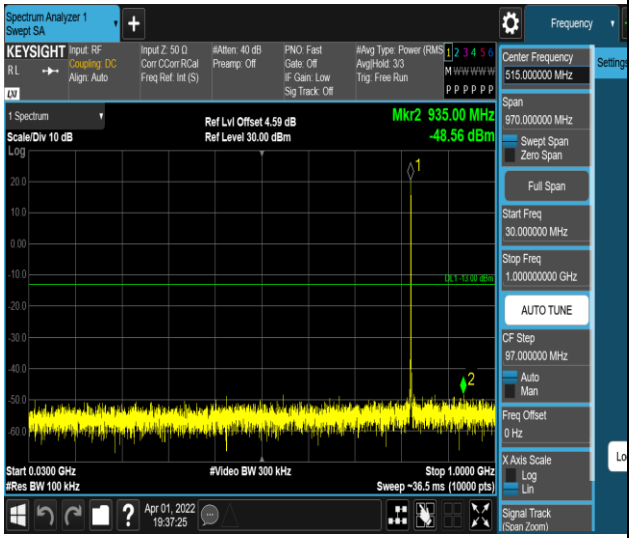
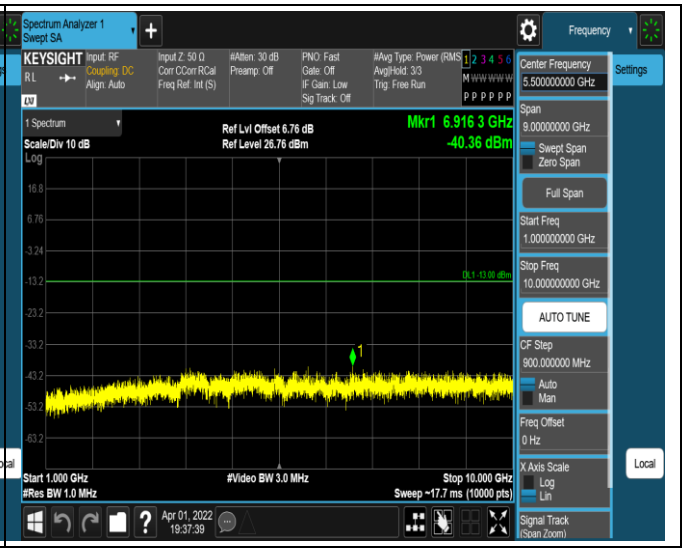
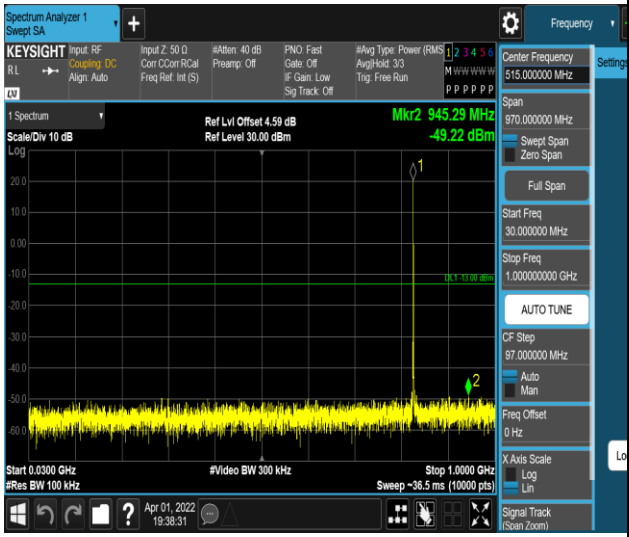
	
Band26-15MHz-QPSK-26965-1RB#0-Range1:30~1000MHz	Band26-15MHz-QPSK-26965-1RB#0-Range2:1000~10000MHz
	
Band26-15MHz-16QAM-26865-1RB#0-Range1:30~1000MHz	Band26-15MHz-16QAM-26865-1RB#0-Range2:1000~10000MHz



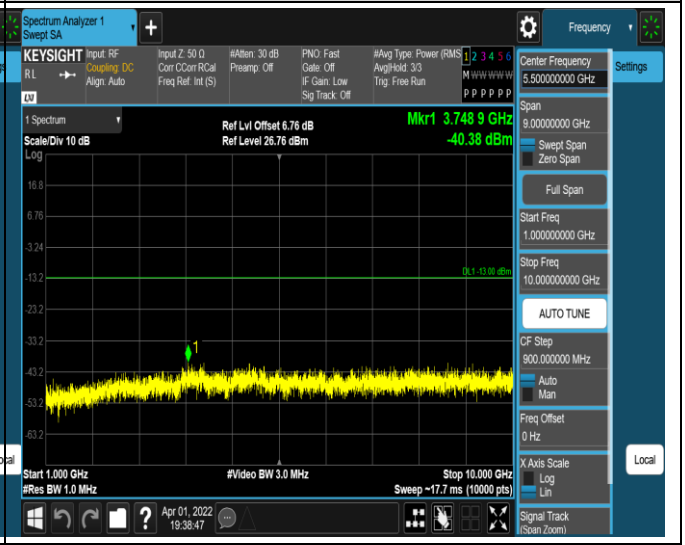
Band26-15MHz-16QAM-26915-1RB#0-Range1:30 ~1000MHz



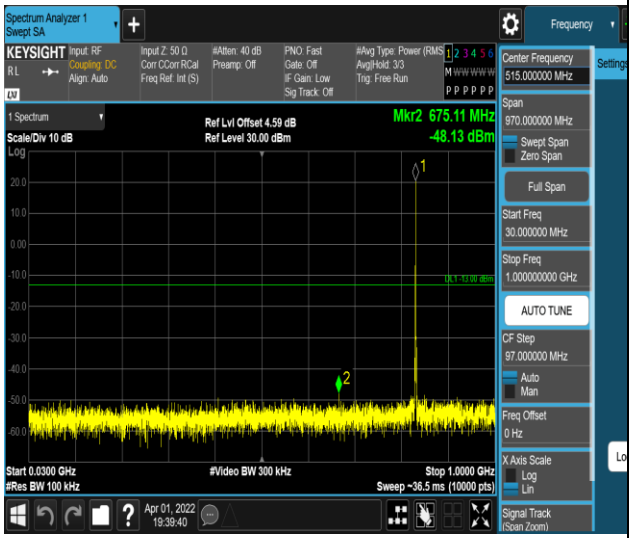
Band26-15MHz-16QAM-26915-1RB#0-Range2:1000~10000MHz

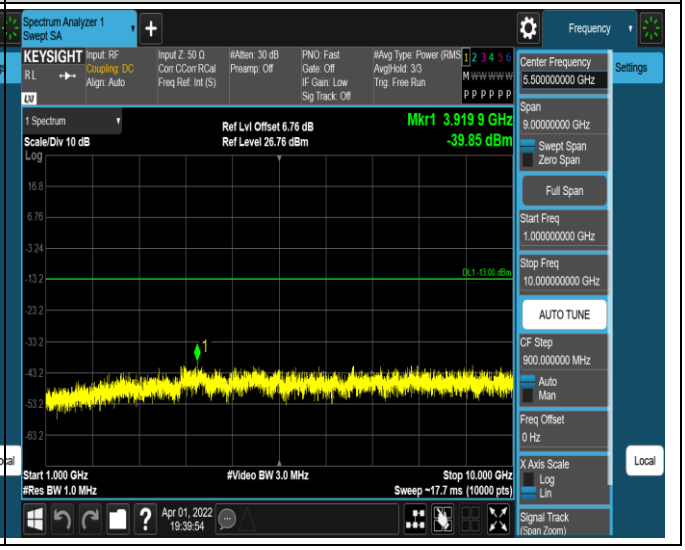


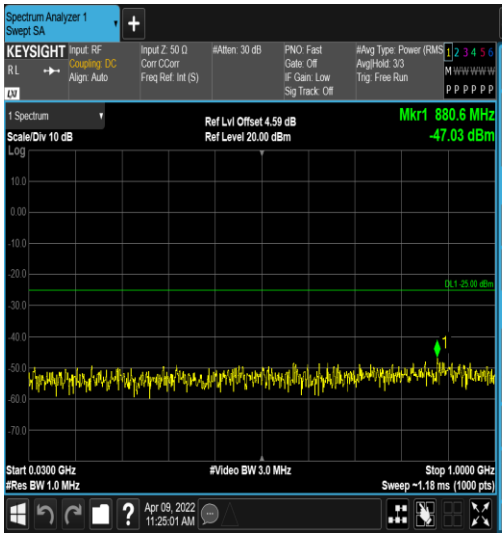
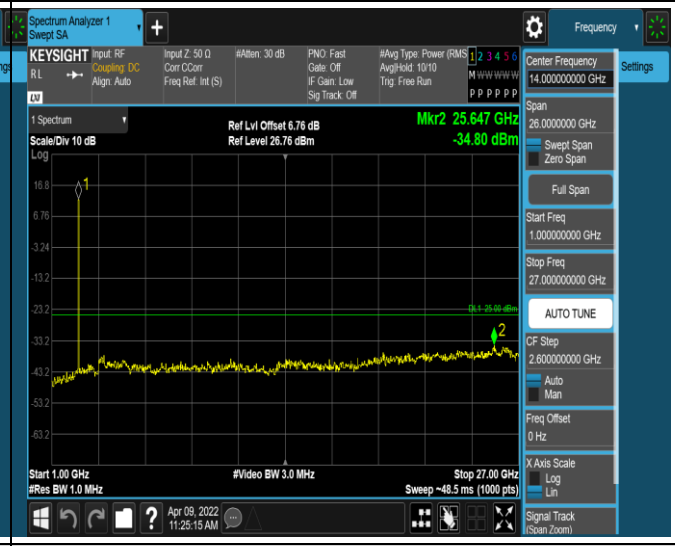
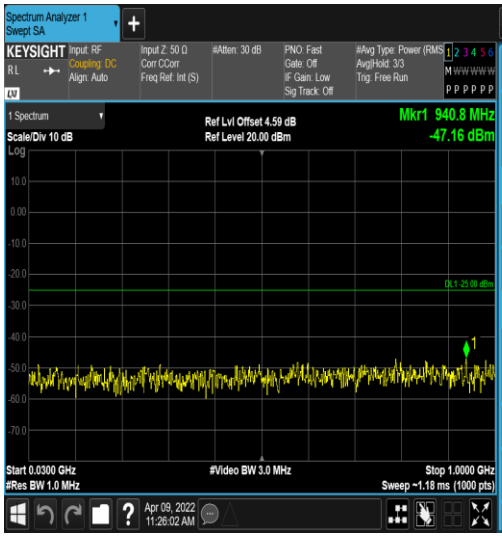
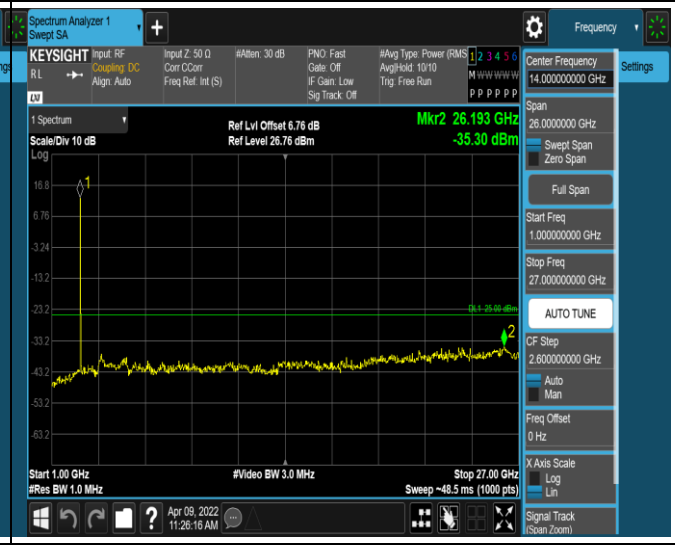
Band26-15MHz-16QAM-26965-1RB#0-Range1:30 ~1000MHz



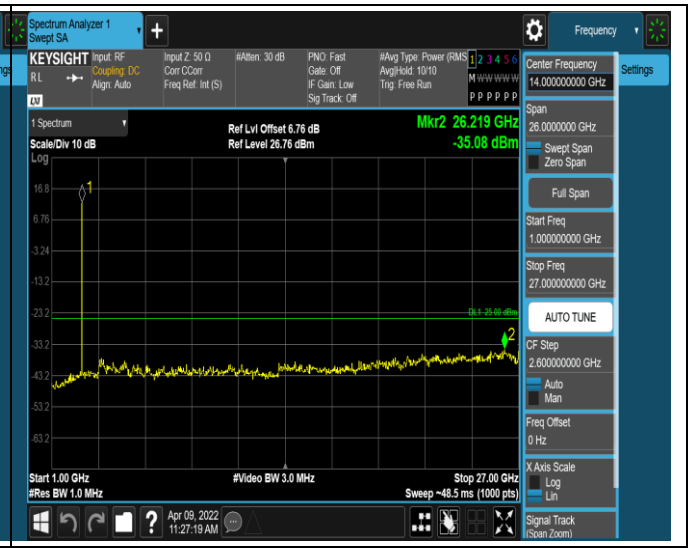
Band26-15MHz-16QAM-26965-1RB#0-Range2:1000~10000MHz



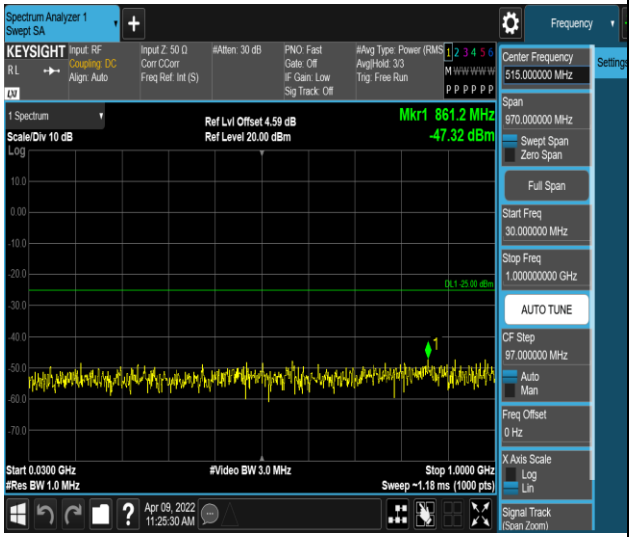


Band41-5MHz-QPSK-39675-1RB#0-Range1:30~1000MHz	Band41-5MHz-QPSK-39675-1RB#0-Range2:1000~27000MHz
	
Band41-5MHz-QPSK-40620-1RB#0-Range1:30~1000MHz	Band41-5MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz
	
Band41-5MHz-QPSK-41565-1RB#0-Range1:30~1000MHz	Band41-5MHz-QPSK-41565-1RB#0-Range2:1000~27000MHz

Band41-5MHz-16QAM-39675-1RB#0-Range1:30~1000MHz



Band41-5MHz-16QAM-39675-1RB#0-Range2:1000~27000MHz



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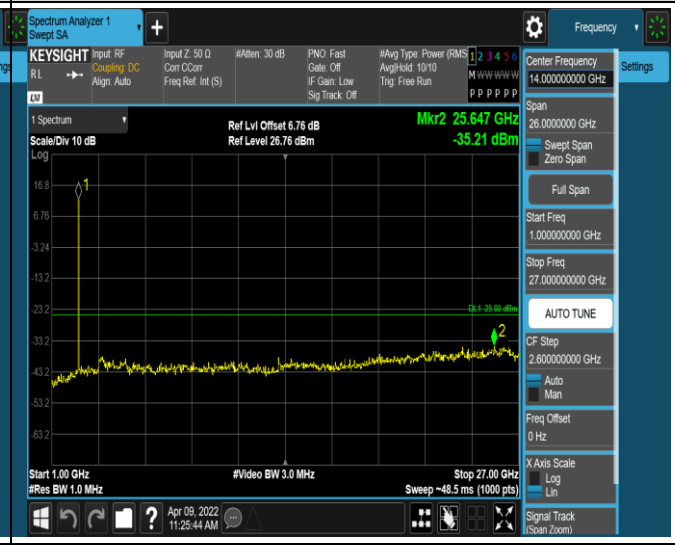
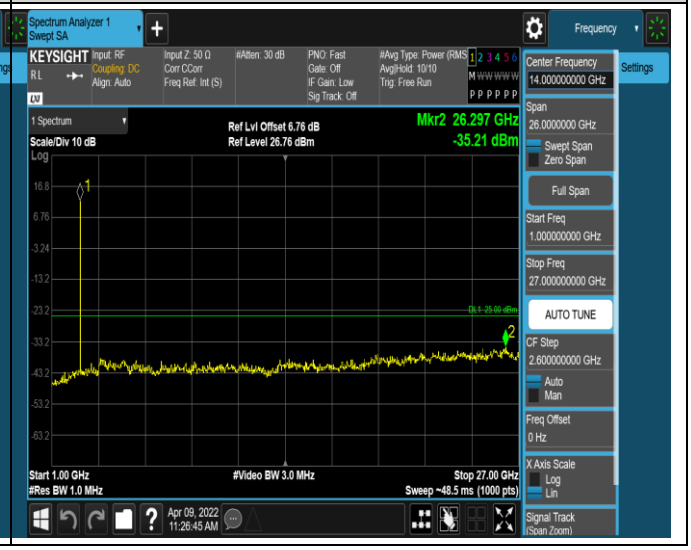
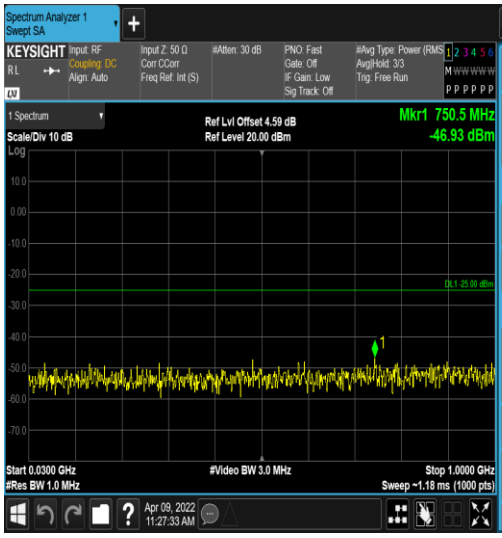
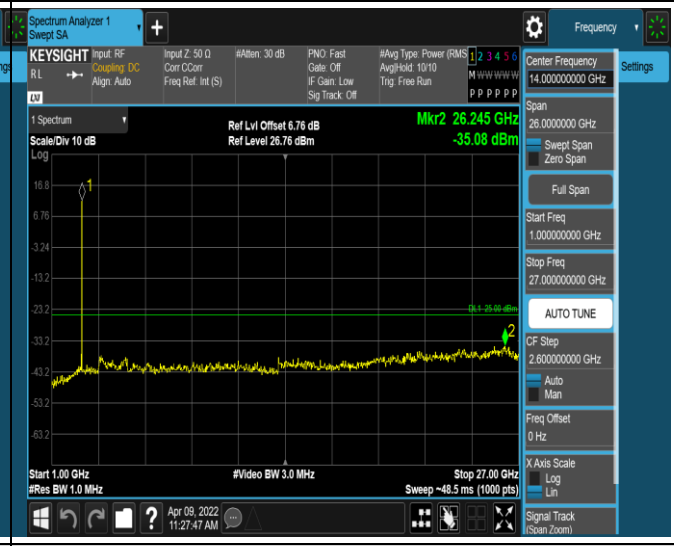
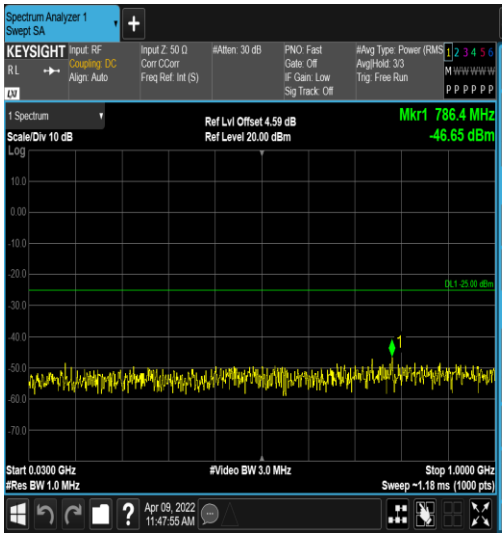
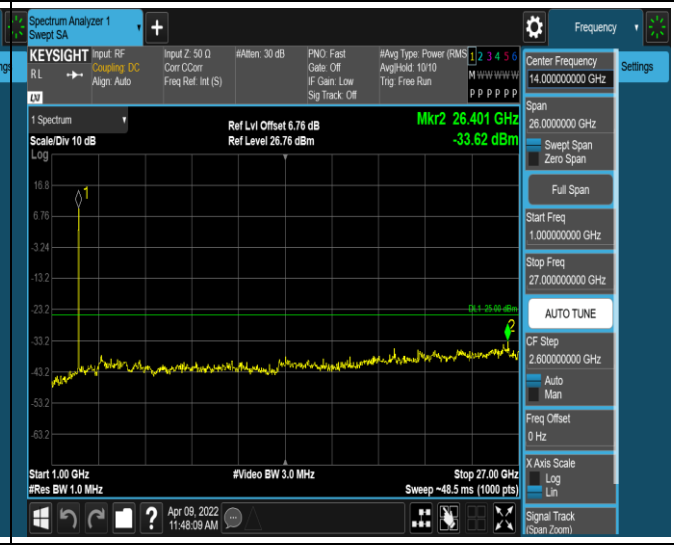
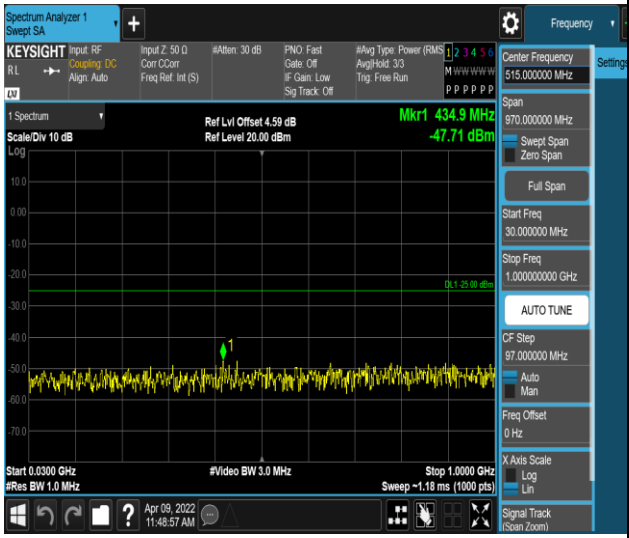


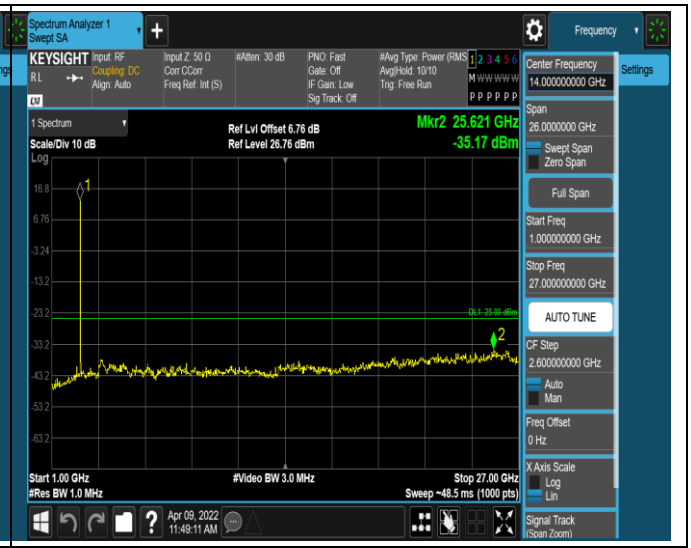
Band41-5MHz-16QAM-40620-1RB#0-Range2:1000~27000MHz



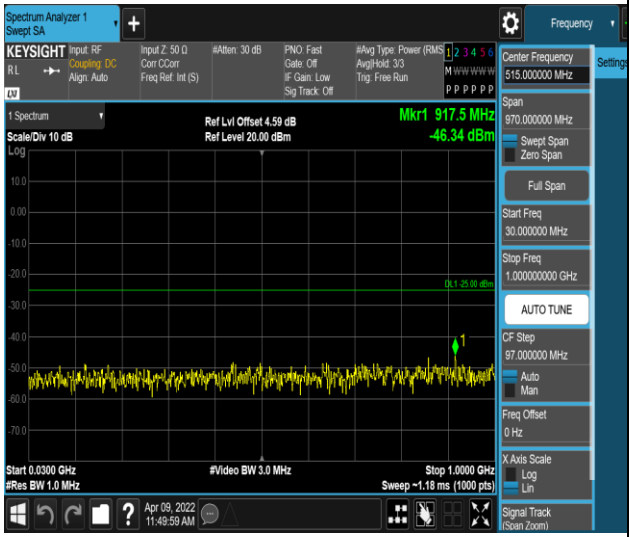
Band41-5MHz-16QAM-41565-1RB#0-Range1:30~1000MHz	Band41-5MHz-16QAM-41565-1RB#0-Range2:1000~27000MHz
	
Band41-20MHz-QPSK-39750-1RB#0-Range1:30~1000MHz	Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~27000MHz
	
Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz	Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



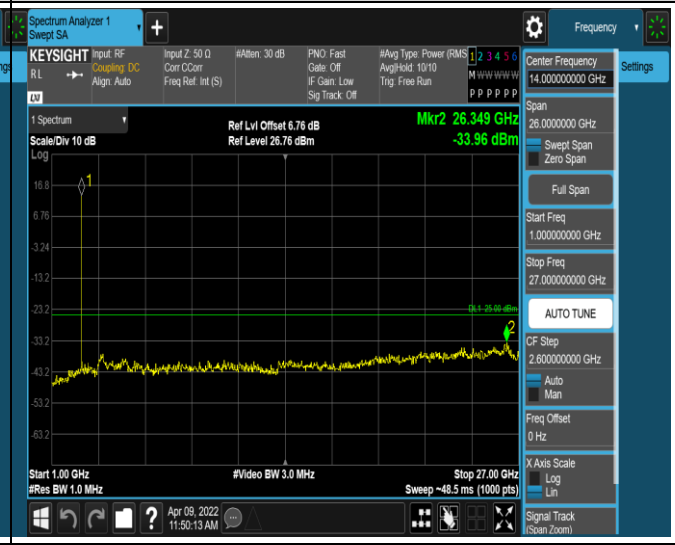
Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz



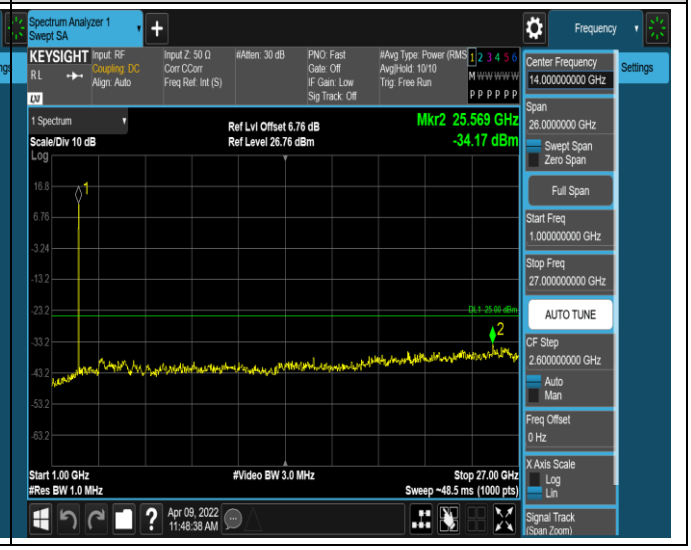
Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~27000MHz

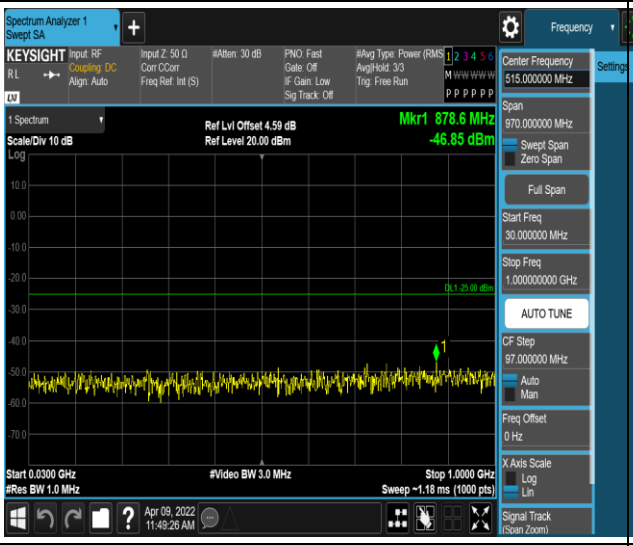
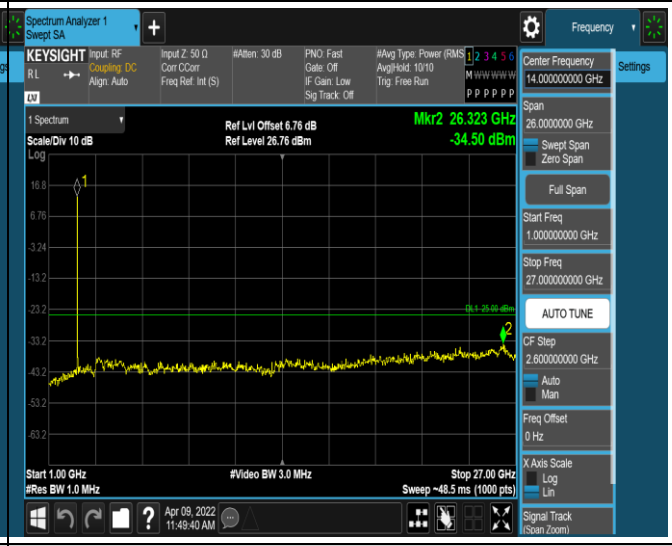
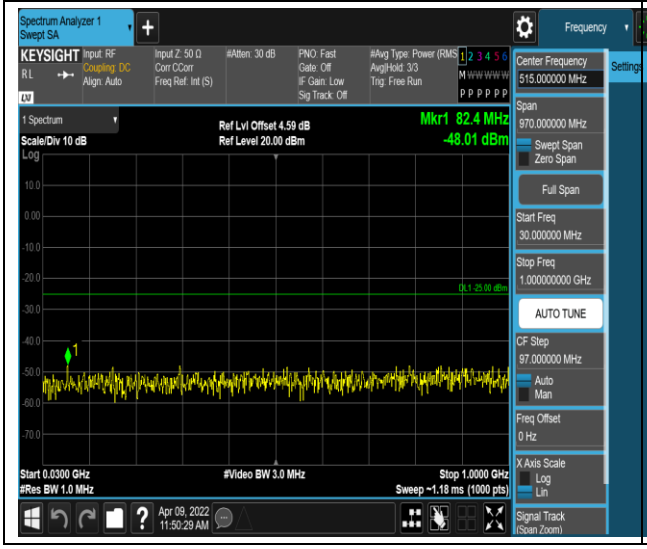
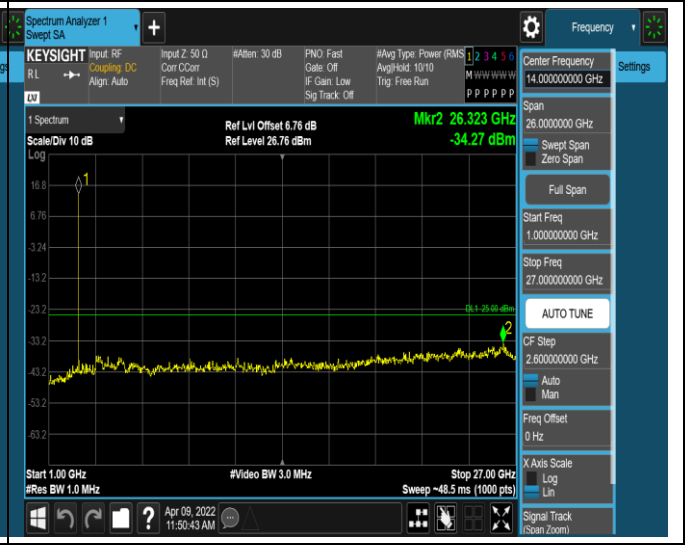


Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz



Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~27000MHz



Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz	Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~27000MHz
	
Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz	Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~27000MHz
	

Appendix F: Frequency Stability

Test Result

LTE Band 2 part:

Reference Frequency: LTE Band 2 (10MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
7.78	-30	5.01	0.002665	Within authorized band for Band 2	Pass
	-20	4.99	0.002654		
	-10	-2.85	-0.001516		
	0	5.19	0.002761		
	10	-3.99	-0.002122		
	20	3.32	0.001766		
	30	3.63	0.001931		
	40	7.42	0.003947		
	50	-5.88	-0.003128		
16QAM					
7.78	-30	-4.99	-0.002654	Within authorized band for Band 2	Pass
	-20	-5.75	-0.003059		
	-10	-6.57	-0.003495		
	0	5.59	0.002973		
	10	5.48	0.002915		
	20	5.18	0.002755		
	30	-7.75	-0.004122		
	40	-8.94	-0.004755		
	50	-3.48	-0.001851		
Voltage					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	7.2	-2.66	-0.001415	Within authorized band for Band 2	Pass
	7.78	-5.28	-0.002809		
	8.96	2.42	0.001287		
16QAM					
25	7.2	2.72	0.001447	Within authorized band for Band 2	Pass
	7.78	-3.65	-0.001941		
	8.96	4.32	0.002298		

Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

LTE Band 4 part:

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
7.78	-30	-3.42	-0.001974	Within authorized band for Band 4	Pass
	-20	-5.72	-0.003302		
	-10	5.45	0.003146		
	0	3.12	0.001801		
	10	-4.68	-0.002701		
	20	-2.86	-0.001651		
	30	-3.45	-0.001991		
	40	-5.68	-0.003278		
	50	3.38	0.001951		
16QAM					
7.78	-30	-3.56	-0.002055	Within authorized band for Band 4	Pass
	-20	3.93	0.002268		
	-10	-5.49	-0.003169		
	0	-6.05	-0.003492		
	10	-5.41	-0.003123		
	20	-4.15	-0.002395		
	30	-5.29	-0.003053		
	40	-4.65	-0.002684		
	50	2.85	0.001645		
Voltage					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	7.2	-3.60	-0.002078	Within authorized band for Band 4	Pass
	7.78	-3.08	-0.001778		
	8.96	3.33	0.001922		
16QAM					
25	7.2	4.73	0.002730	Within authorized band for Band 4	Pass
	7.78	-4.31	-0.002488		
	8.96	-3.52	-0.002032		
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.					

LTE Band 7 part: