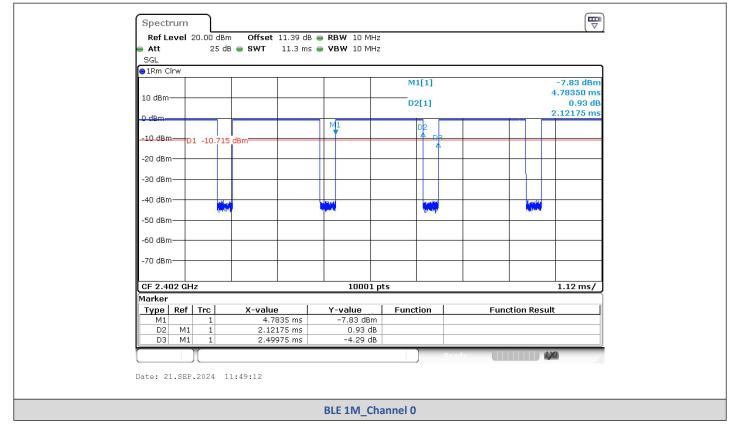
Appendix B

Report No.:	CISRR24091917702
FCC ID:	2BK9F-V200
Product Name:	Intelligent Microprojector
Model No.:	V200
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

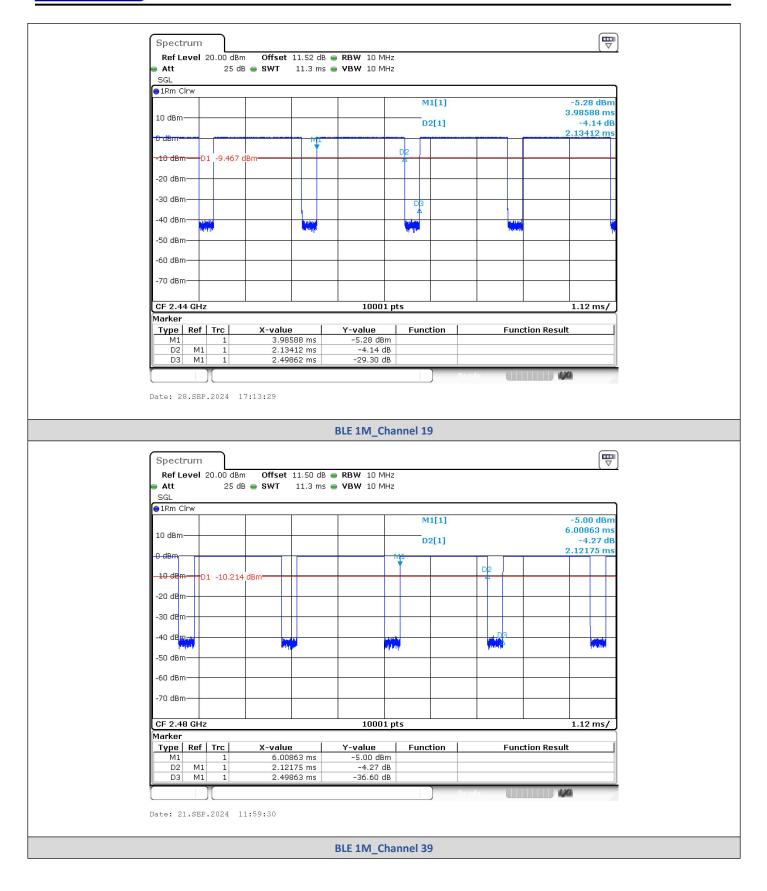
1) Duty Cycle

Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
	0	2.122	2.500	84.88	0.8488	0.7119	0.47
BLE 1M	19	2.134	2.499	85.41	0.8541	0.6849	0.47
	39	2.122	2.499	84.92	0.8492	0.7099	0.47



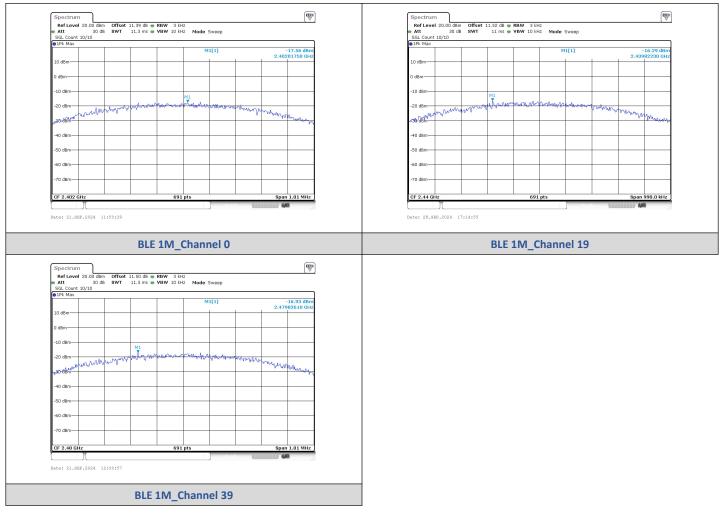




2) Power Spectral Density

Test Result

Mode	Mode Channel		Limit (dBm/3kHz)	Result	
BLE 1M	0	-17.56	≤8	PASS	
BLE 1M	19	-16.29	≤8	PASS	
BLE 1M	39	-16.93	≤8	PASS	



3) Conducted Output Power

Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
	0	-0.64	0.86	≤30	PASS
BLE 1M	19	0.43	1.1	≤30	PASS
	39	-0.15	0.97	≤30	PASS

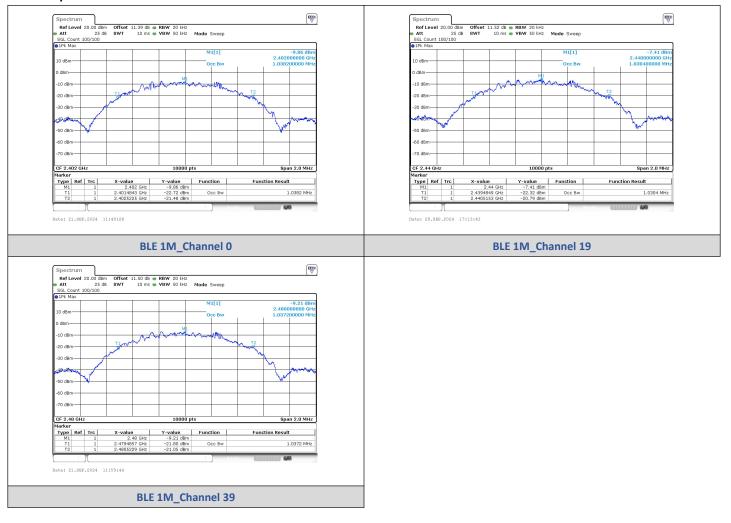
RefLevel 21.39 dBm Offset 11.39 dB Att 25 dB SWT 1 ms VBW 3 MHz M SGL Count 100/100	ade Sweep	Ref Level 21.52 dBm Offset 1 Att 25 dB SWT SGL Count 100/100	1 ms 🖷 VBW 3 MHz Mode Sweep	
IPK Max	M1[1] -0.64 dBm	IPk Max	M1[1]	0.43 dBm
10 dBm	2.40207990 GHz	10 dBm		2.43970030 GHz
M1			MI	
0 dBm		0 dBm		
-10 dBm		-10 dBm		
-20 dBm		-20 dBm		
-30 dBm		-30 dBm		
-40 dBm		-40 dBm		
-50 dBm		-50 dBm		
-60 dBm		-60 dBm		
-70 dBm		-70 dBm		
CF 2.402 GHz 1001 pts	Span 5.0 MHz	CF 2.44 GHz	1001 pts	Span 5.0 MHz
	Ready.	[][Ready
Date: 21.SEP.2024 11:50:06		Date: 28.SEP.2024 17:14:22		
Peak Outpu	t Power		Peak Output Powe	er
		DIE 184 Channel 10		
BLE 1M_Ch	annei u		BLE 1M_Channel 1	.9
Spectrum				
Ref Level 21.50 dBm Offset 11.50 dB . RBW 3 MHz				
Att 25 dB SWT 1 ms VBW 3 MHz M SGL Count 100/100	ode Sweep			
e 1Pk Max	M1[1] -0.15 dBm			
10 dBm	M1[1] -0.15 dBm 2.47986810 GHz			
	M1[1]0.15 dbm 2.47986810 CHz			
10 dBm	-0.15 dBm 2.47986910 GHz			
10 d8m	-0.15 dBm 2.47986910 GHz			
10 dBm	-0.15 dBm 2.47986910 GHz			
10 d8m				
10 d8m				
10 dBm M1 0 dBm M1 =10 dBm				
10 dBm	- 0.15 dBm 2.47986810 GHz			
10 dBm				
10 dBm				
10 dBm	2.47986810 GHz			
10 dbm M1 0 dbm M1 10 dbm M1 10 dbm M1 -20 dbm M1 -30 dbm M1 -50 dbm M1 -50 dbm M1 -50 dbm M1 -70 dbm M1				
10 dbm 10	2.47986810 GH2			



4) 99% Bandwidth

Test Result

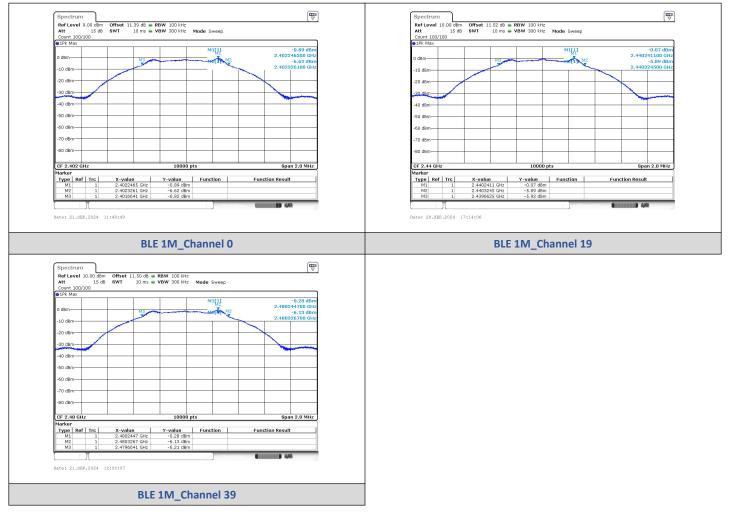
Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0382
BLE 1M	19	2440	1.0304
BLE 1M	39	2480	1.0372



5) 6dB Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
	0	2402	0.6700		PASS
BLE 1M	19	2440	0.6600	≥0.5	PASS
	39	2480	0.6700		PASS



6) Conducted Out Of Band Emission

Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
		2398.83	-49.230	-20.84	-28.390	PASS
	0	2400.00	-50.447	-20.84	-29.607	PASS
BLE 1M		7206.80	-34.406	-20.84	-13.566	PASS
BLE IIVI	19	9753.73	-41.981	-20.04	-21.941	PASS
	20	2483.50	-50.983	-20.35	-30.633	PASS
	39	7440.68	-39.187	-20.35	-18.837	PASS

