



Keyway Testing Technology (Guangdong) Co., Ltd  
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30  
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China

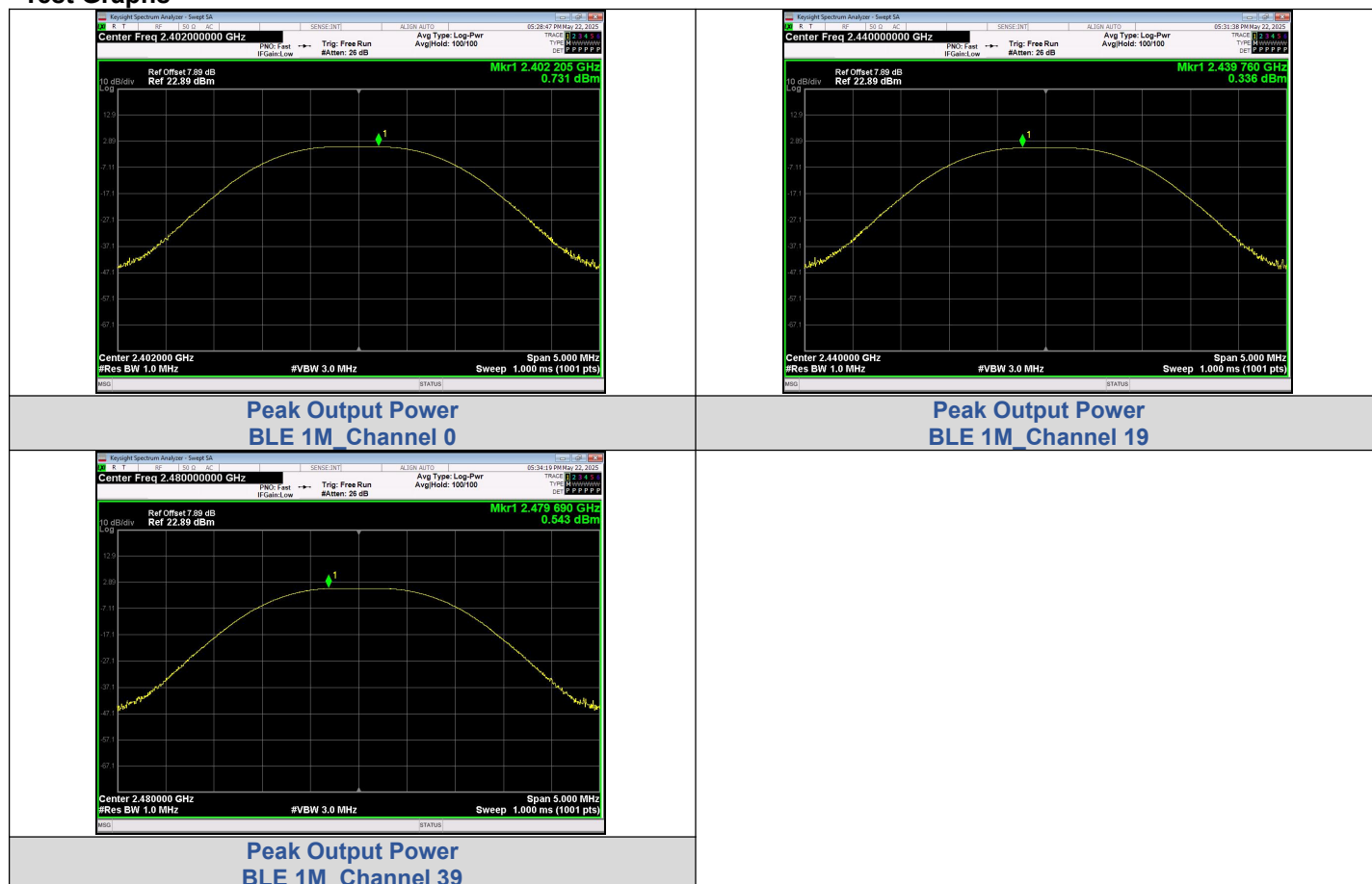
E.U.T:	Power Pro Plus Control System
Model Number:	WF-3611
Trade Name:	WFCO
Date of Receipt:	May 19, 2025
Date of Test:	May 20~Jun. 05, 2025
FCC ID:	2BDDW-WF3611

## A.1 CONDUCTED OUTPUT POWER

### Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
BLE 1M	0	0.73	1.18	None	≤30	PASS
	19	0.34	1.08	None	≤30	PASS
	39	0.54	1.13	None	≤30	PASS

### Test Graphs





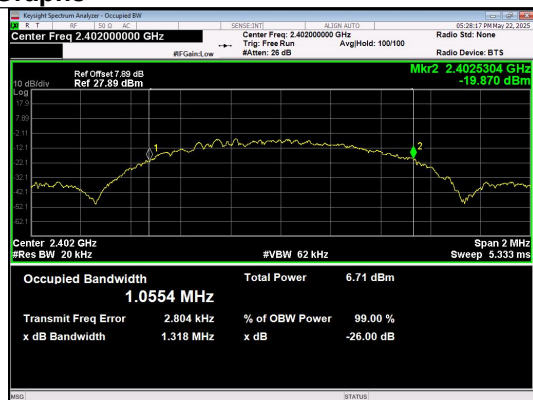
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## A.2 99% BANDWIDTH

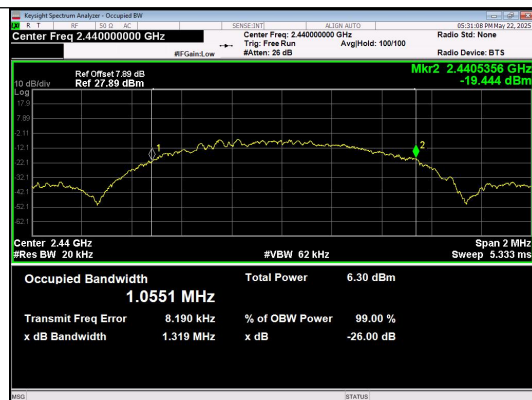
### Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0554
BLE 1M	19	2440	1.0551
BLE 1M	39	2480	1.0580

### Test Graphs



BLE 1M\_Channel 0



BLE 1M\_Channel 19



BLE 1M\_Channel 39



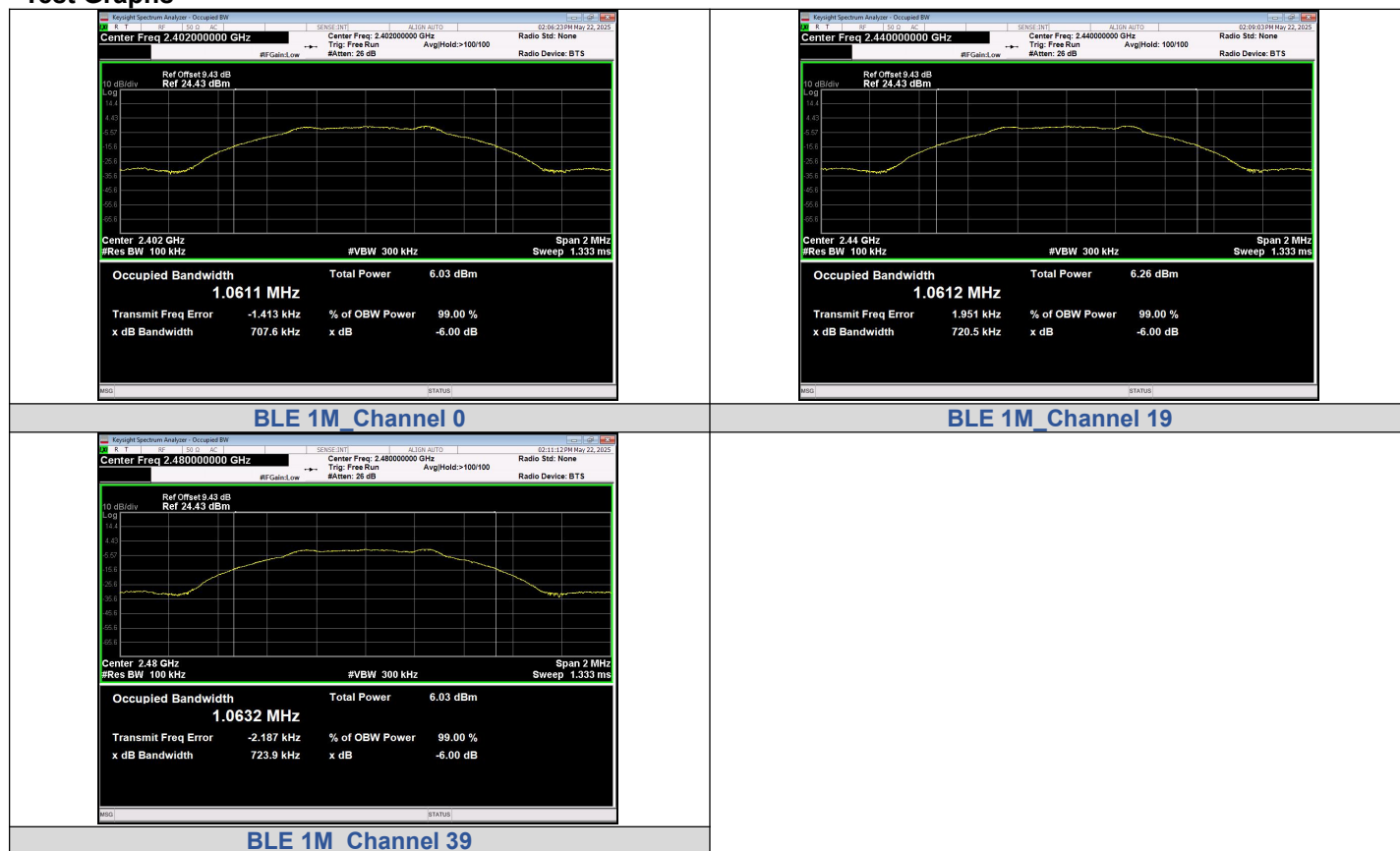
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## A.3 6DB BANDWIDTH

### Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.7076	≥0.5	PASS
	19	2440	0.7205		PASS
	39	2480	0.7239		PASS

### Test Graphs





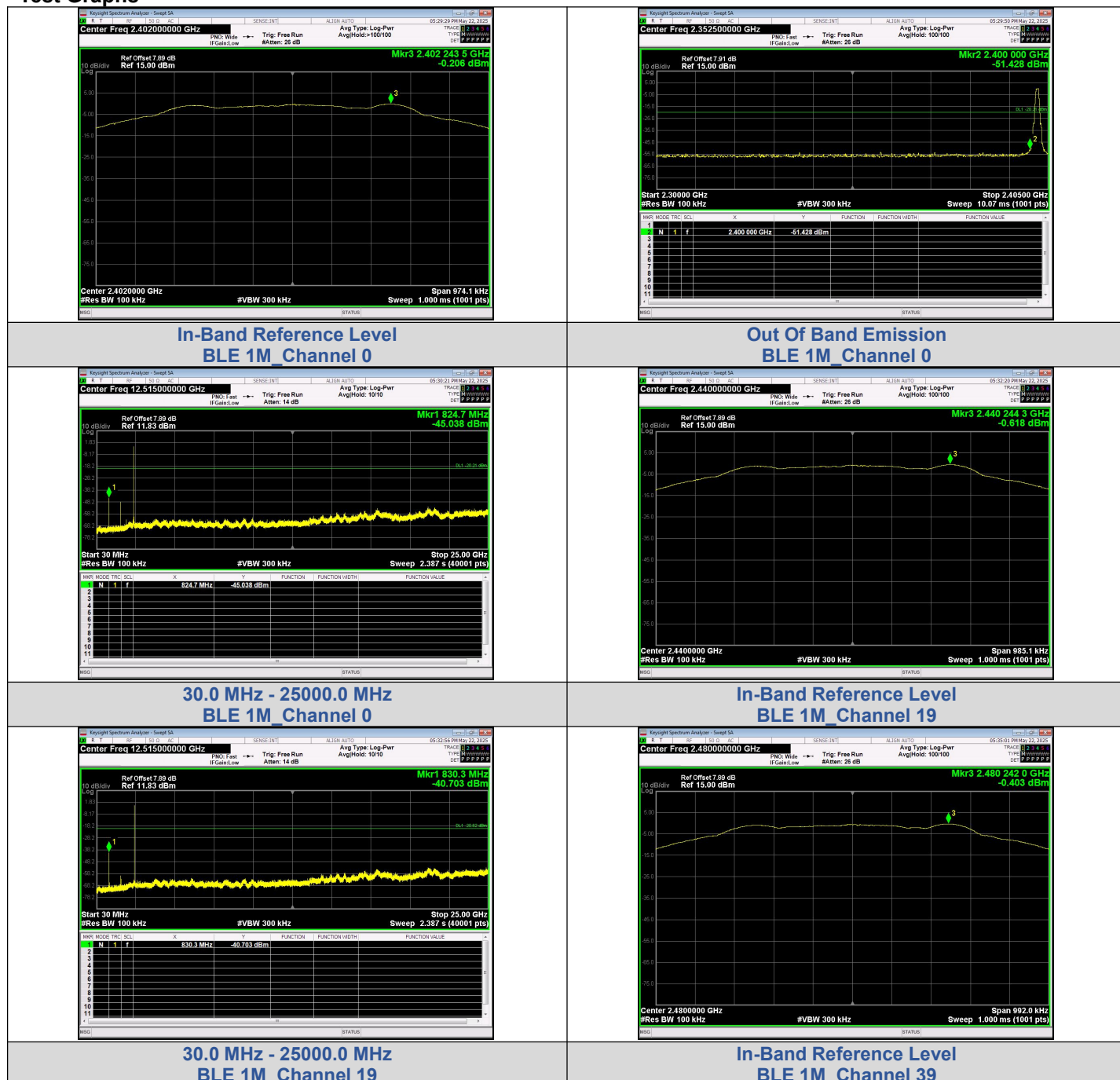
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## A.4 CONDUCTED OUT OF BAND EMISSION

### Test Result

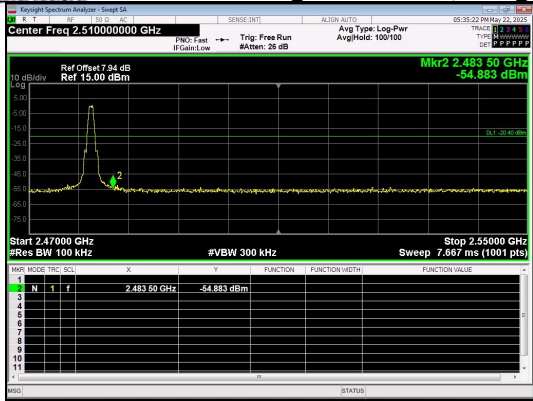
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	824.67	-45.038	-20.21	-24.828	PASS
		2400.00	-51.428	-20.21	-31.218	PASS
	19	830.29	-40.703	-20.62	-20.083	PASS
	39	1572.52	-45.393	-20.4	-24.993	PASS
		2483.50	-54.883	-20.4	-34.483	PASS

### Test Graphs

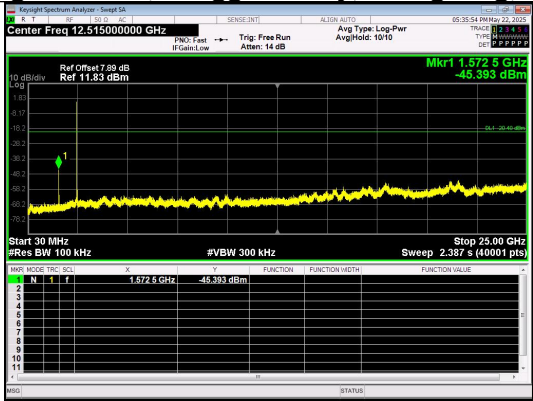




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Out Of Band Emission  
BLE 1M\_Channel 39



30.0 MHz - 25000.0 MHz  
BLE 1M\_Channel 39



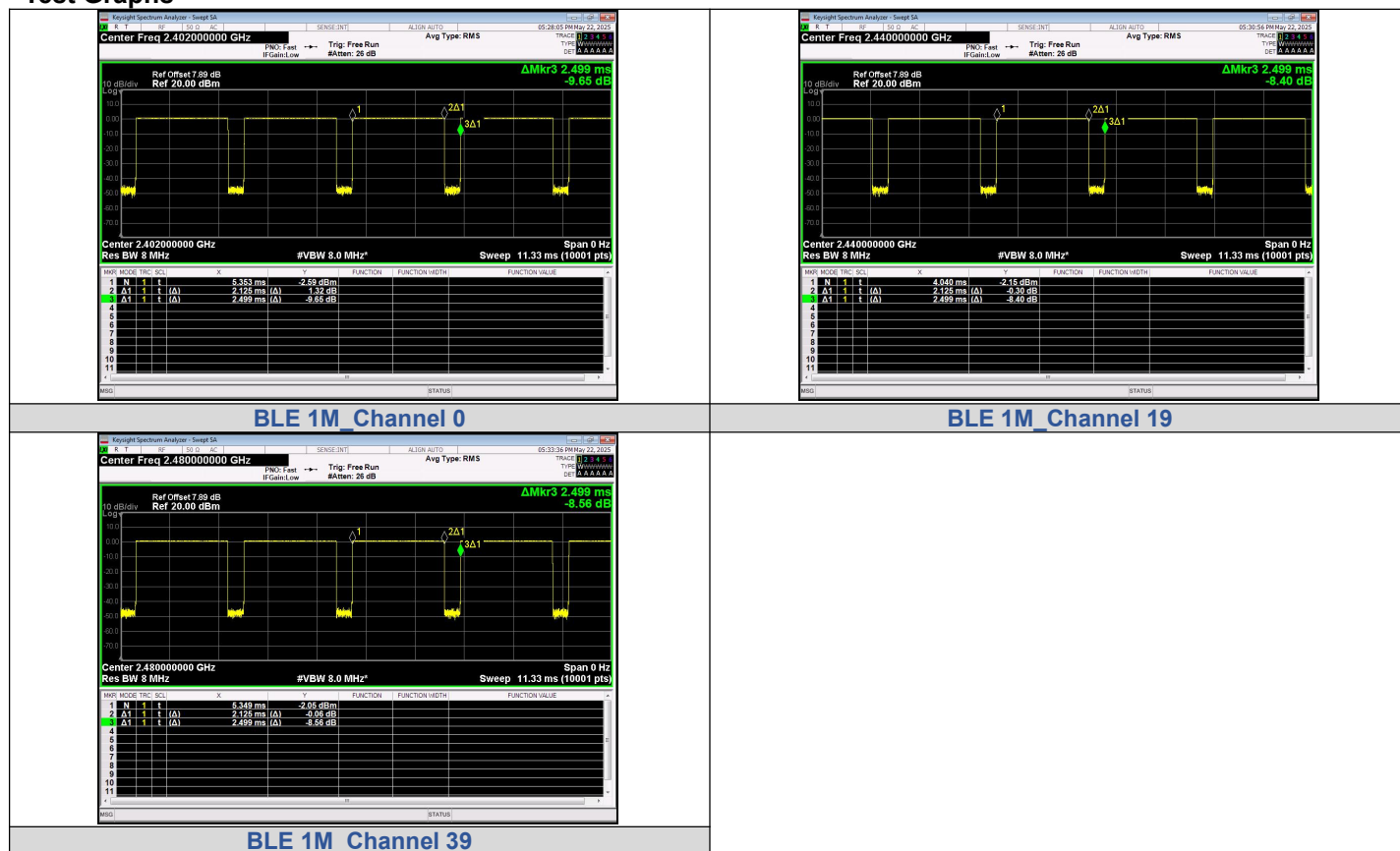
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## A.5 DUTY CYCLE

### Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
BLE 1M	0	2.125	2.499	85.03	0.8503	0.7043	0.4706
	19	2.125	2.499	85.03	0.8503	0.7043	0.4706
	39	2.125	2.499	85.03	0.8503	0.7043	0.4706

### Test Graphs





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## A.6 POWER SPECTRAL DENSITY

### Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-14.780	≤8	PASS
BLE 1M	19	-15.201	≤8	PASS
BLE 1M	39	-14.993	≤8	PASS

### Test Graphs

