

Shenzhen HelloRadioSky Technology Co., Ltd
Model: V12P
FCC ID: 2BHKV-V12

Appendix A

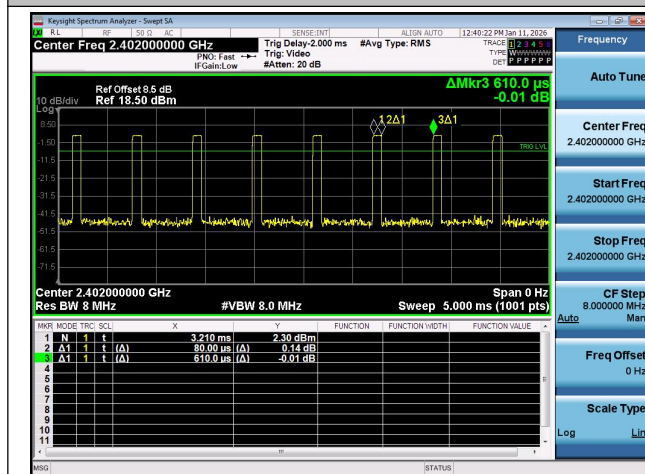
Duty Cycle

Test Result and Data

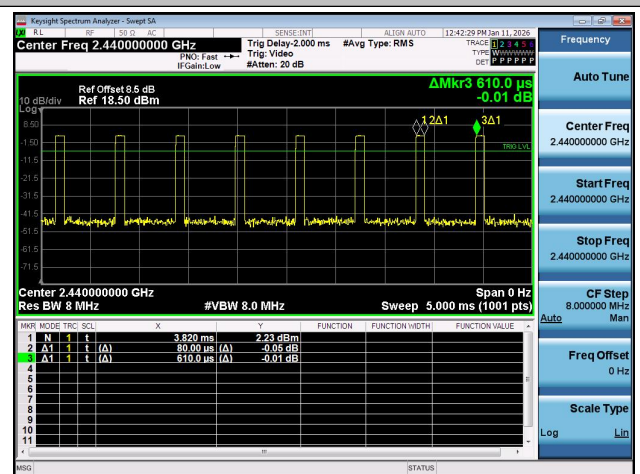
Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	DC Factor
2.4G SRD	Ant1	2402	0.08	0.61	13.11	8.82
2.4G SRD	Ant1	2440	0.08	0.61	13.11	8.82
2.4G SRD	Ant1	2479	0.09	0.61	14.75	8.31

Test Graphs

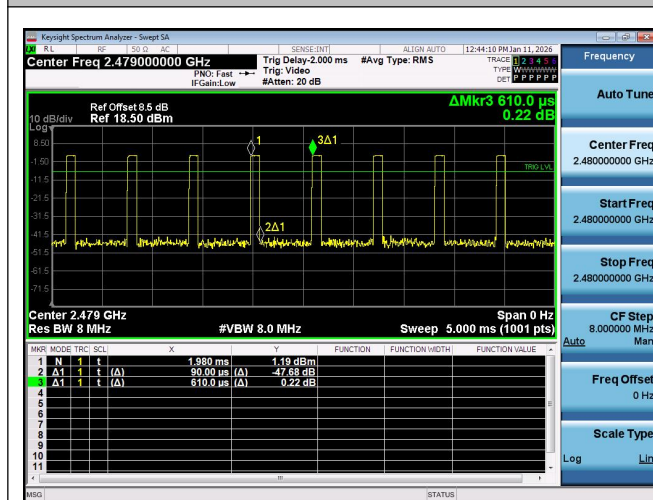
NTNV-2.4G SRD-Ant1-2402



NTNV-2.4G SRD-Ant1-2440



NTNV-2.4G SRD-Ant1-2479

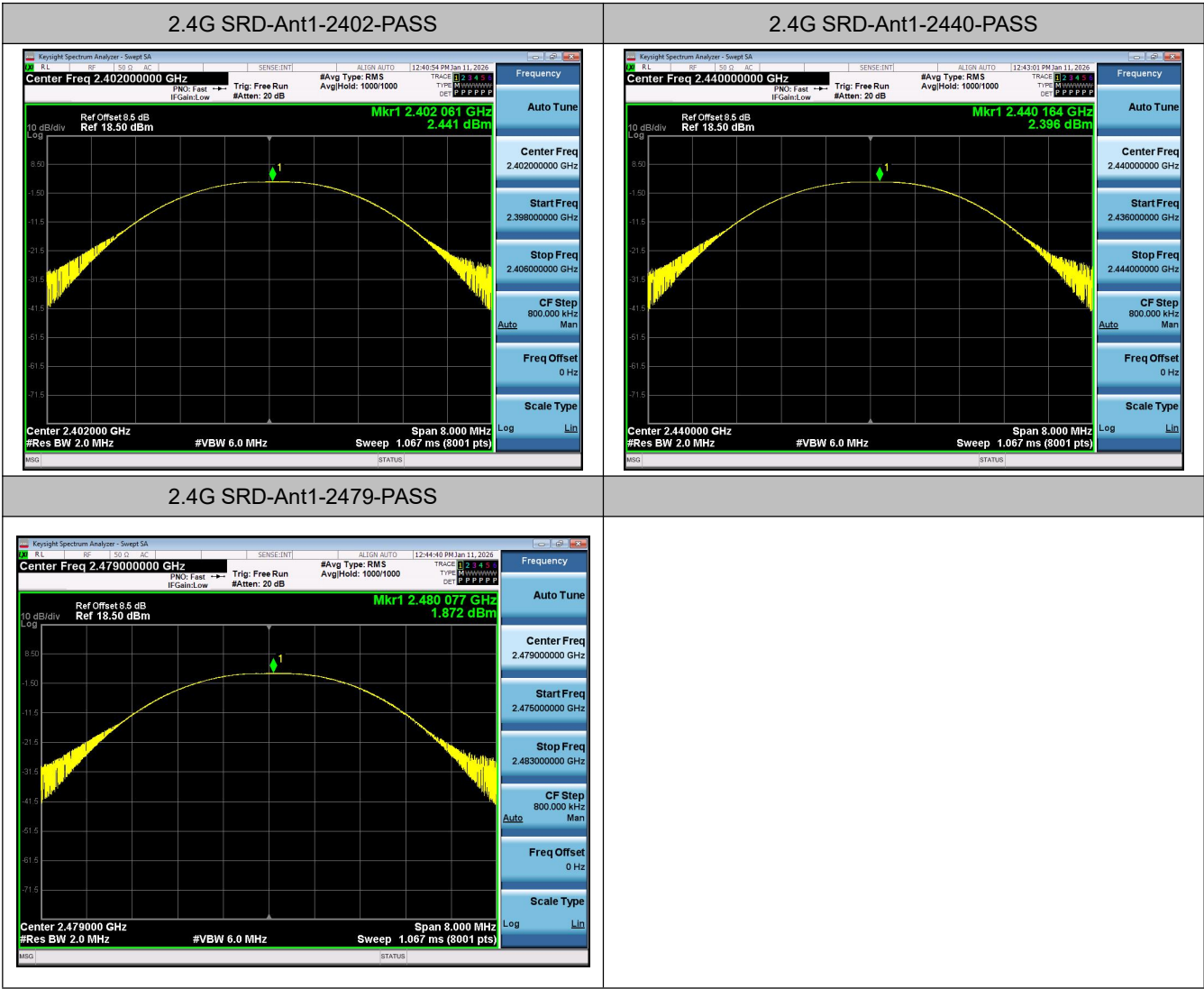


Maximum Conducted Output Power

Test Result and Data

Test Mode	Antenna	Frequency [MHz]	Peak Output Power [dBm]	Limit [dBm]	Verdict
2.4G SRD	Ant1	2402	2.44	≤30	PASS
2.4G SRD	Ant1	2440	2.40	≤30	PASS
2.4G SRD	Ant1	2479	1.87	≤30	PASS

Test Graphs



6dB Bandwidth

Test Result and Data

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	Limit [MHz]	Verdict
2.4G SRD	Ant1	2402	0.531	0.5	PASS
2.4G SRD	Ant1	2440	0.534	0.5	PASS
2.4G SRD	Ant1	2479	0.516	0.5	PASS

Test Graphs



99% Occupied Bandwidth

Test Result and Data

Test Mode	Antenna	Frequency [MHz]	99% OBW [MHz]	Limit [MHz]	Verdict
2.4G SRD	Ant1	2402	1.0392	---	---
2.4G SRD	Ant1	2440	1.0400	---	---
2.4G SRD	Ant1	2479	1.0391	---	---

Test Graphs

2.4G SRD-Ant1-2402



2.4G SRD-Ant1-2440



2.4G SRD-Ant1-2479



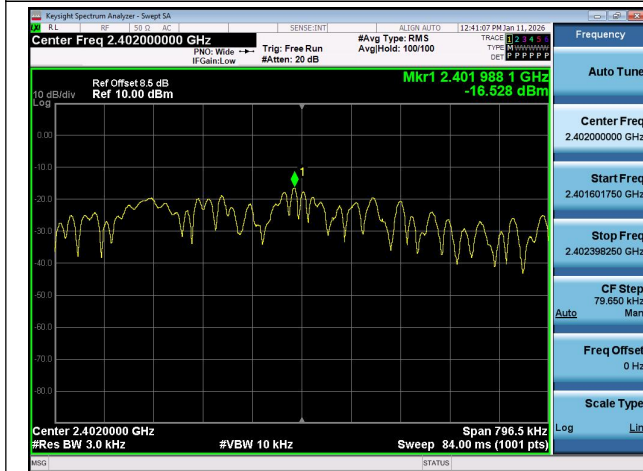
Power Spectral Density

Test Result and Data

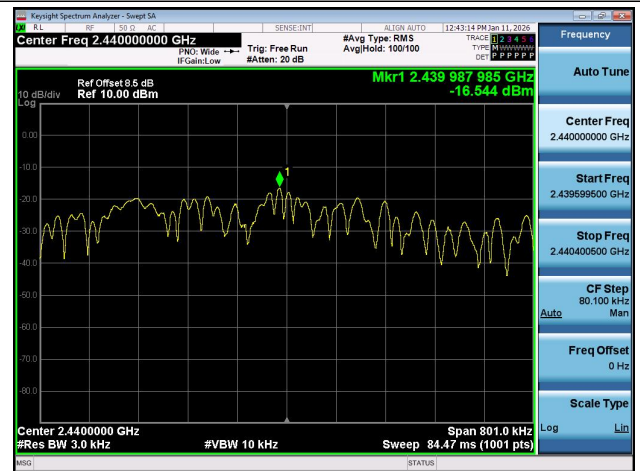
Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
2.4G SRD	Ant1	2402	-16.53	≤8.00	PASS
2.4G SRD	Ant1	2440	-16.54	≤8.00	PASS
2.4G SRD	Ant1	2479	-16.91	≤8.00	PASS

Test Graphs

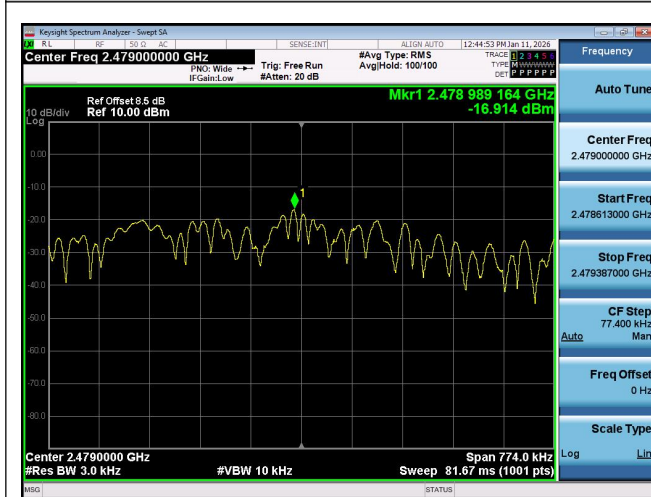
2.4G SRD-Ant1-2402-PASS



2.4G SRD-Ant1-2440-PASS



2.4G SRD-Ant1-2479-PASS

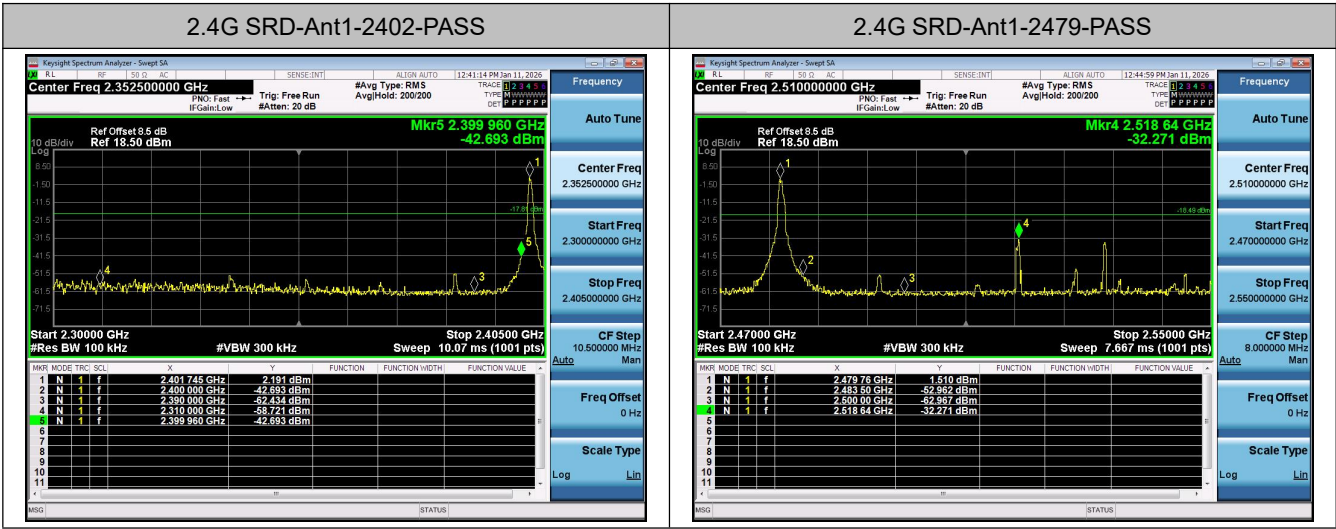


Conducted Band Edges

Test Result and Data

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G SRD	Ant1	Low	2402	2.19	-42.69	≤-17.81	PASS
2.4G SRD	Ant1	High	2479	1.51	-32.27	≤-18.49	PASS

Test Graphs



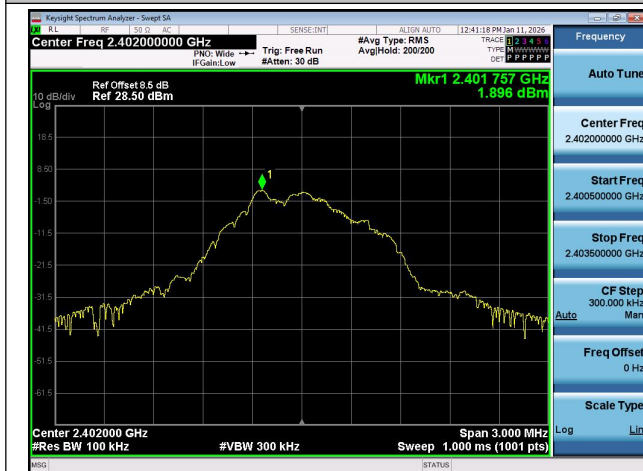
Conducted Spurious Emissions

Test Result and Data

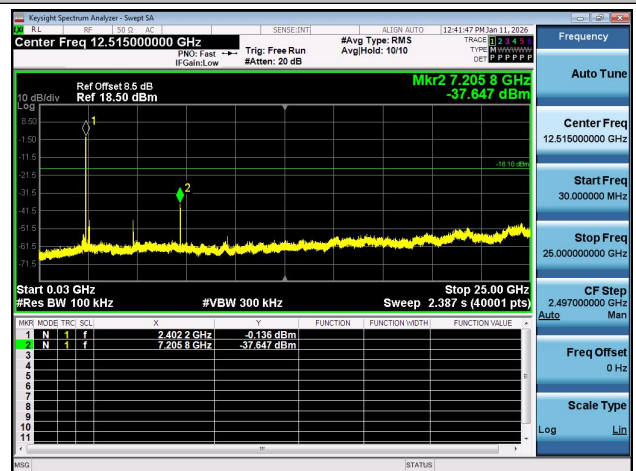
Test Mode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G SRD	Ant1	2402	0~Reference	1.90	1.90	---	PASS
2.4G SRD	Ant1	2402	30~25000	1.90	-37.65	≤-18.1	PASS
2.4G SRD	Ant1	2440	0~Reference	1.81	1.81	---	PASS
2.4G SRD	Ant1	2440	30~25000	1.81	-38	≤-18.19	PASS
2.4G SRD	Ant1	2479	0~Reference	1.40	1.40	---	PASS
2.4G SRD	Ant1	2479	30~25000	1.40	-34.73	≤-18.6	PASS

Test Graphs

2.4G SRD-Ant1-2402-0~Reference-PASS



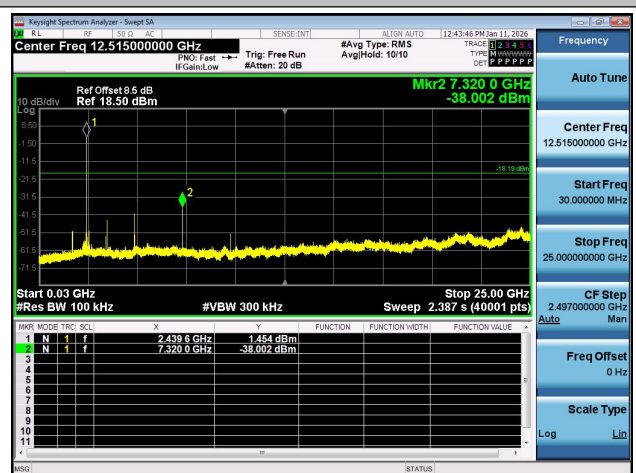
2.4G SRD-Ant1-2402-30~25000-PASS



2.4G SRD-Ant1-2440-0~Reference-PASS



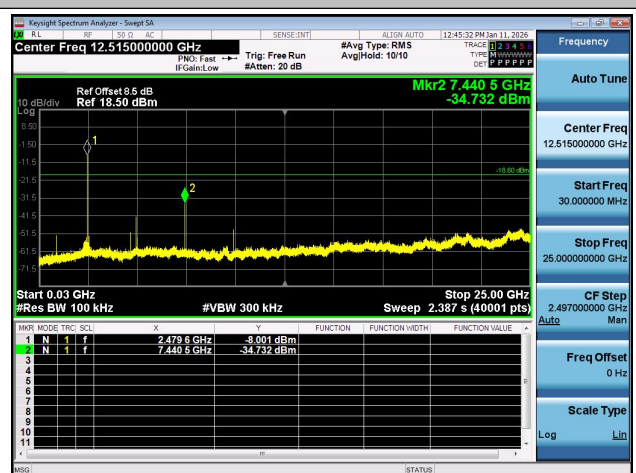
2.4G SRD-Ant1-2440-30~25000-PASS



2.4G SRD-Ant1-2479-0~Reference-PASS



2.4G SRD-Ant1-2479-30~25000-PASS



END OF REPORT