

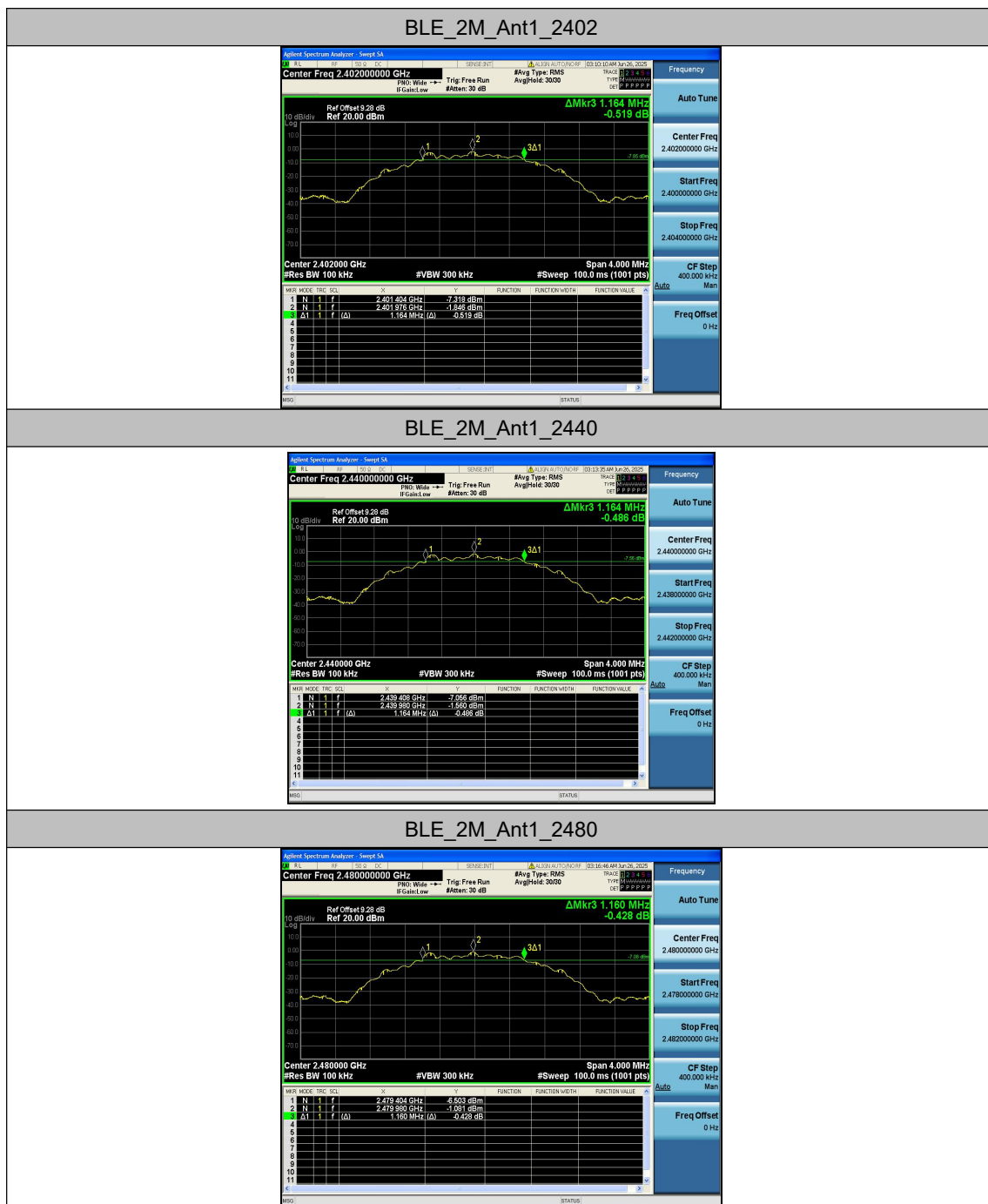
Appendix I BLE Test Data**Applicant:** SHENZHEN HOLATEK CO., LTD.**Report No:** DLE-250624025R**EUT:** JMGO Bluetooth Remote Control**M/N:** J06-8P2**Standard:**FCC Part15 Subpart C, Section 15.247**Test Power Supply:** DC 3.7V**Ambient Condition:** 24.7 °C, 52 %RH, 101.325 kPa**Test Date:** 2025.06.26**Test Engineer:** Ken Tan

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_2M	Ant1	2402	1.164	2401.404	2402.568	0.5	PASS
		2440	1.164	2439.408	2440.572	0.5	PASS
		2480	1.160	2479.404	2480.564	0.5	PASS

Test Graphs



Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_2M	Ant1	2402	2.0353	2400.9835	2403.0188	---	---
		2440	2.0355	2438.9840	2441.0195	---	---
		2480	2.0693	2478.9689	2481.0382	---	---

Test Graphs



Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Channel	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_2M	Ant1	2402	-0.39	≤30	PASS
		2440	-0.08	≤30	PASS
		2480	0.42	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_2M	Ant1	2402	-17.63	≤8.00	PASS
		2440	-17.43	≤8.00	PASS
		2480	-16.88	≤8.00	PASS

Agilent Spectrum Analyzer - Sweep 5A

Center Freq 2.40200000 GHz

Ref Offset 9.28 dB
Ref 10.00 dBm

Mkr1 2.402 018 90 GHz
-17.628 dBm

Center 2.402000 GHz
#Res BW 3.0 kHz
#VBW 10 kHz
#Sweep 102.0 ms (30000 pts)

Frequency

Auto Tune

Center Freq
2.402000000 GHz

Start Freq
2.400836000 GHz

Stop Freq
2.403164000 GHz

CF Step
232.800 kHz
Auto Man

Freq Offset
0 Hz

Agilent Spectrum Analyzer - Sweep 5A

Center Freq 2.44000000 GHz

Ref Offset 9.28 dB
Ref 10.00 dBm

Mkr1 2.440 023 55 GHz
-17.428 dBm

Center 2.440000 GHz
#Res BW 3.0 kHz
#VBW 10 kHz
#Sweep 102.0 ms (30000 pts)

Frequency

Auto Tune

Center Freq
2.440000000 GHz

Start Freq
2.438836000 GHz

Stop Freq
2.441164000 GHz

CF Step
232.800 kHz
Auto Man

Freq Offset
0 Hz

Agilent Spectrum Analyzer - Sweep 5A

Center Freq 2.48000000 GHz

Ref Offset 9.28 dB
Ref 10.00 dBm

Mkr1 2.480 019 80 GHz
-16.878 dBm

Center 2.480000 GHz
#Res BW 3.0 kHz
#VBW 10 kHz
#Sweep 102.0 ms (30000 pts)

Frequency

Auto Tune

Center Freq
2.480000000 GHz

Start Freq
2.478840000 GHz

Stop Freq
2.481160000 GHz

CF Step
232.000 kHz
Auto Man

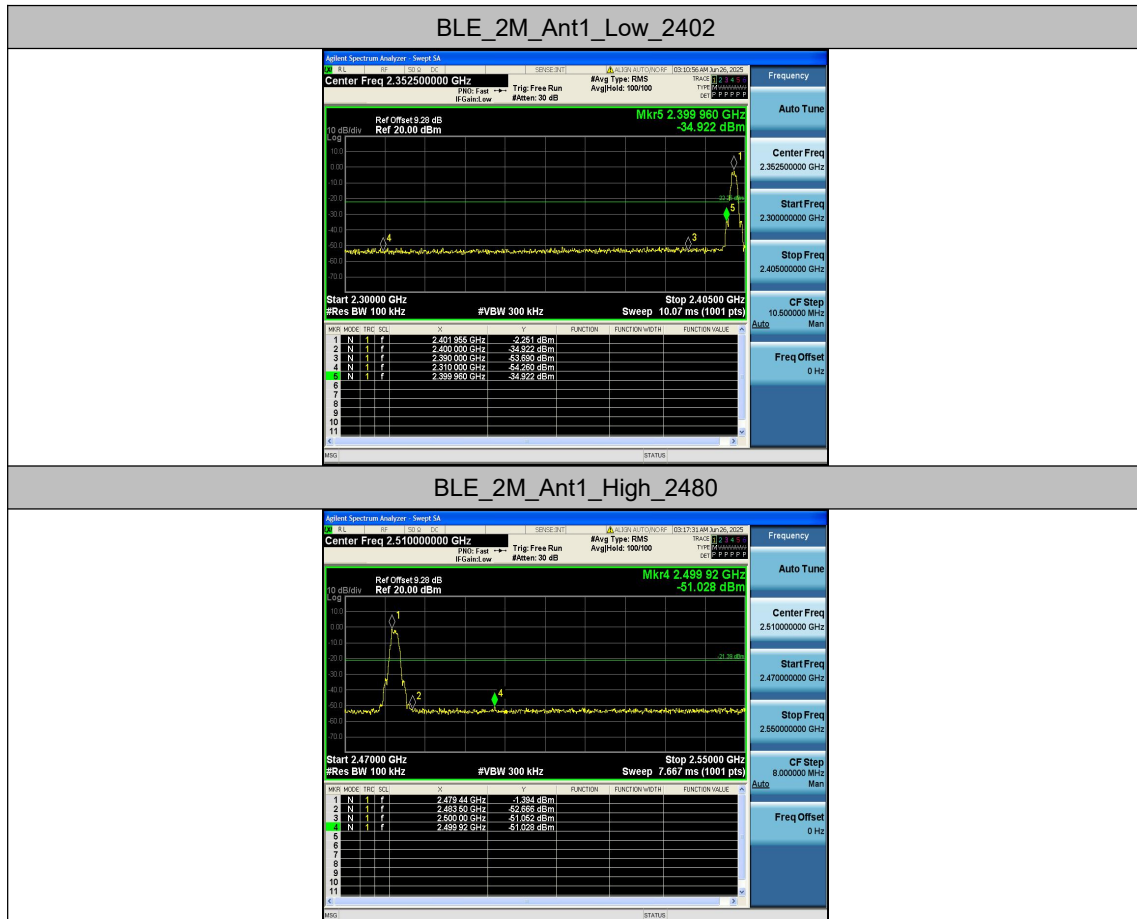
Freq Offset
0 Hz

Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_2M	Ant1	Low	2402	-2.25	-34.92	≤ -22.25	PASS
		High	2480	-1.39	-51.03	≤ -21.39	PASS

Test Graphs

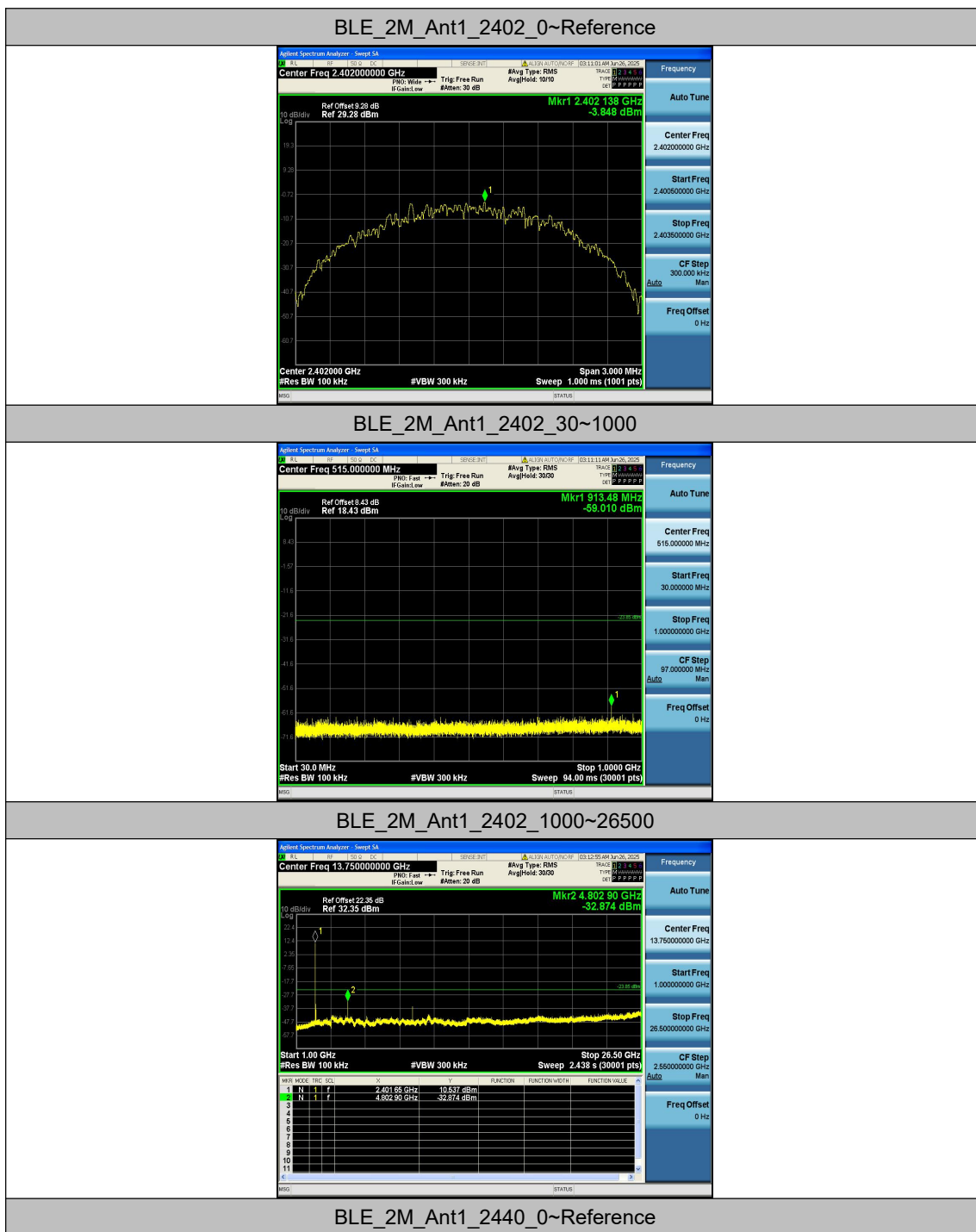


Appendix F: Conducted Spurious Emission

Test Result

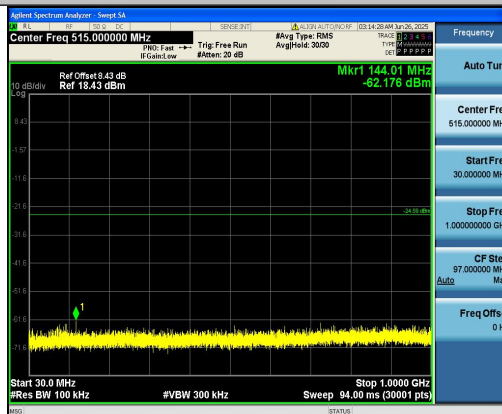
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_2M	Ant1	2402	Reference	-3.85	-3.85	---	PASS
			30~1000	-3.85	-59.01	≤-23.85	PASS
			1000~26500	-3.85	-32.87	≤-23.85	PASS
		2440	Reference	-4.59	-4.59	---	PASS
			30~1000	-4.59	-62.18	≤-24.59	PASS
			1000~26500	-4.59	-35.31	≤-24.59	PASS
		2480	Reference	-2.85	-2.85	---	PASS
			30~1000	-2.85	-60.26	≤-22.85	PASS
			1000~26500	-2.85	-35.69	≤-22.85	PASS

Test Graphs

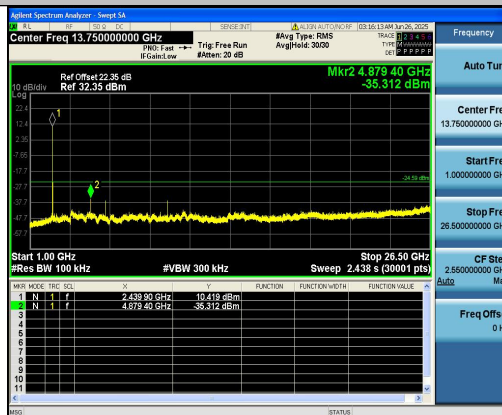




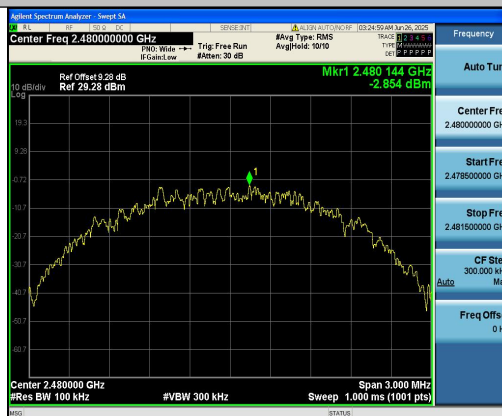
BLE_2M_Ant1_2440_30~1000



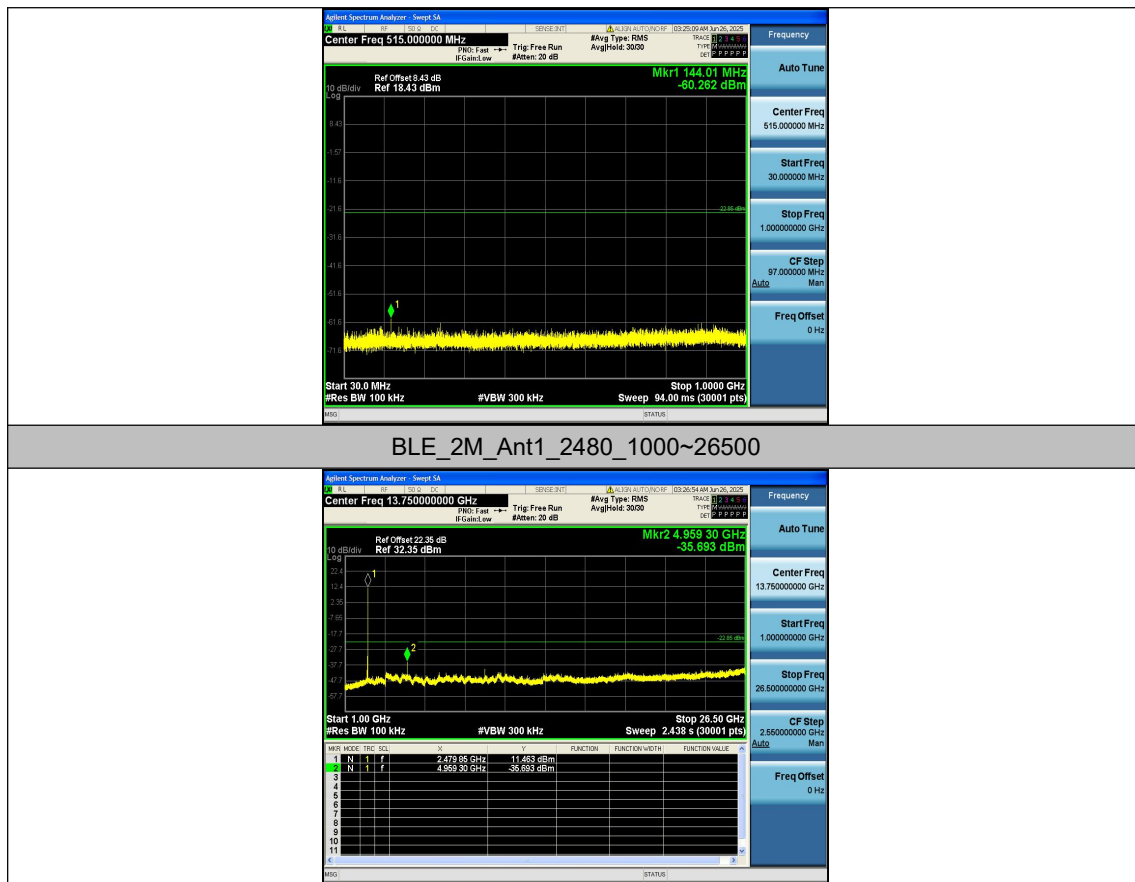
BLE_2M_Ant1_2440_1000~26500



BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_2M	Ant1	2402	1.07	1.25	0.8560	85.60	0.68	---	---
		2440	1.07	1.25	0.8560	85.60	0.68	---	---
		2480	1.07	1.25	0.8560	85.60	0.68	---	---

Test Graphs

