

Appendix: Zigbee

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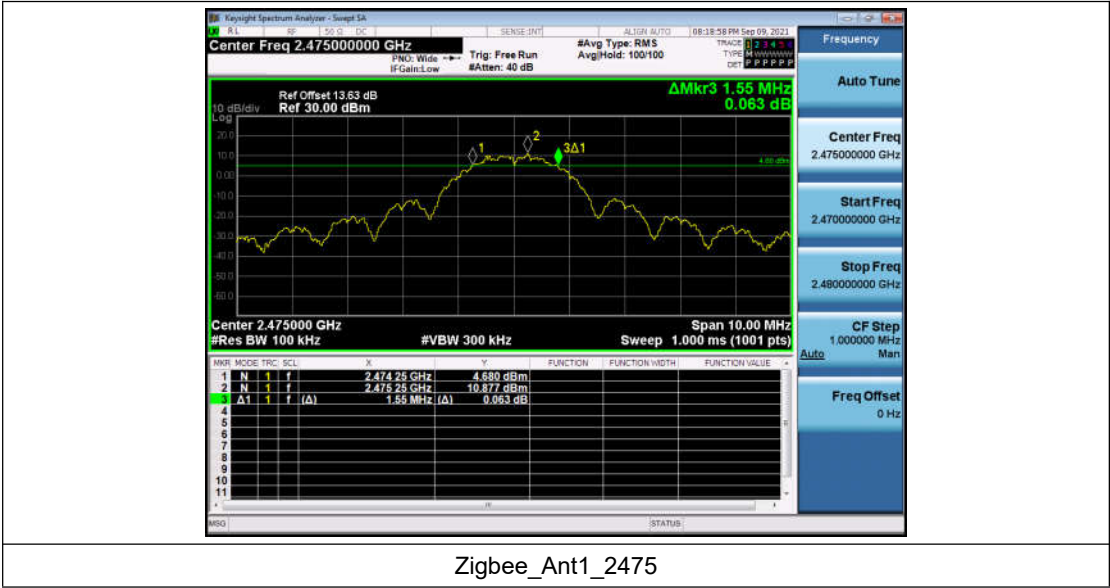
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
Zigbee	Ant1	2405	1.62	2404.20	2405.50	0.5	PASS
		2440	1.70	2439.21	2440.10	0.5	PASS
		2475	1.55	2474.25	2475.25	0.5	PASS

Test Graphs





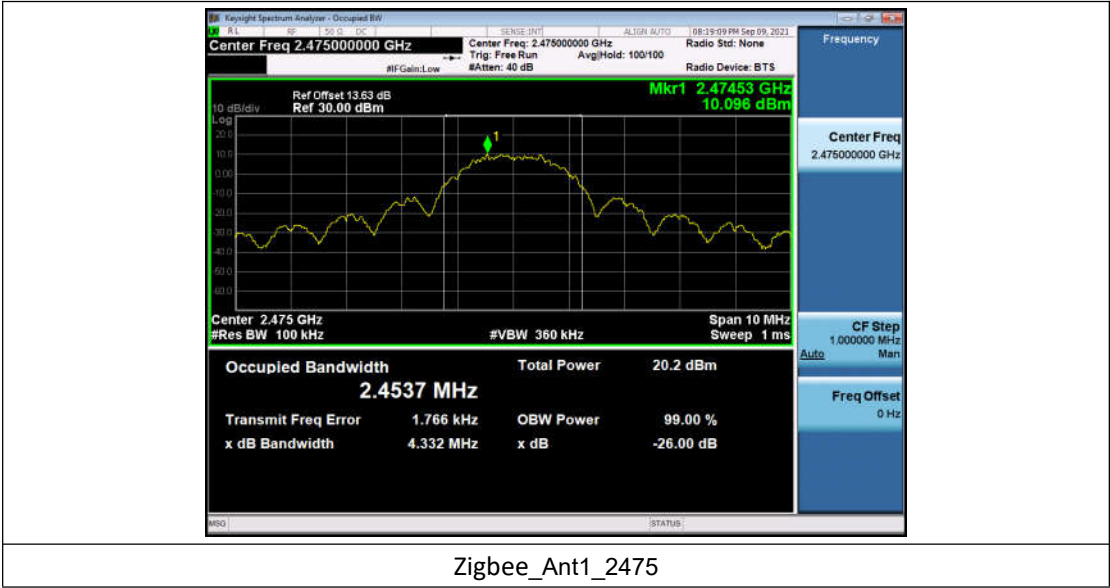
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
Zigbee	Ant1	2405	2.4490	1.1805	3.6295	---	PASS
		2440	2.4593	1.21035	3.66965	---	PASS
		2475	2.4537	1.24815	3.70185	---	PASS

Test Graphs





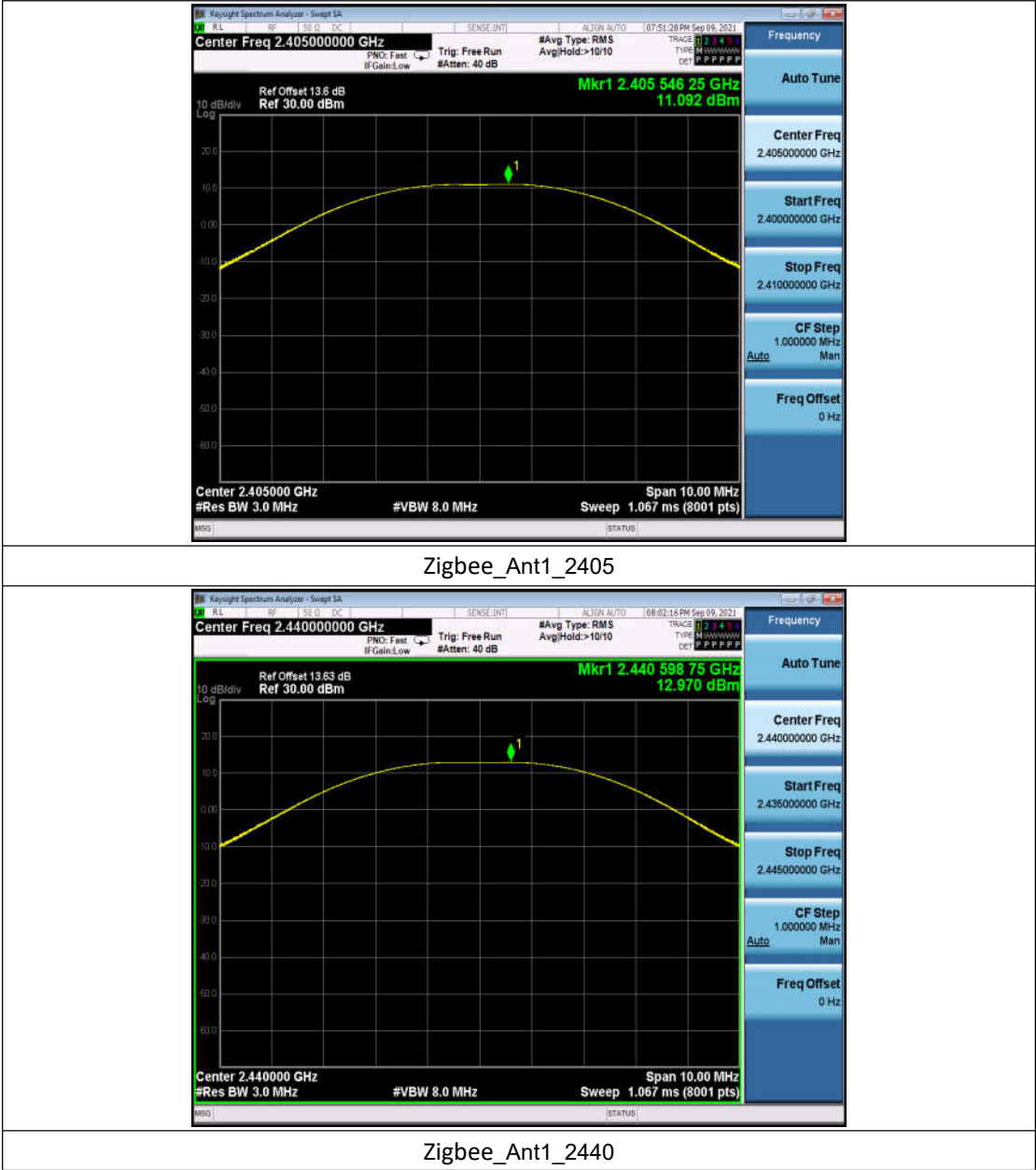
Zigbee_Ant1_2475

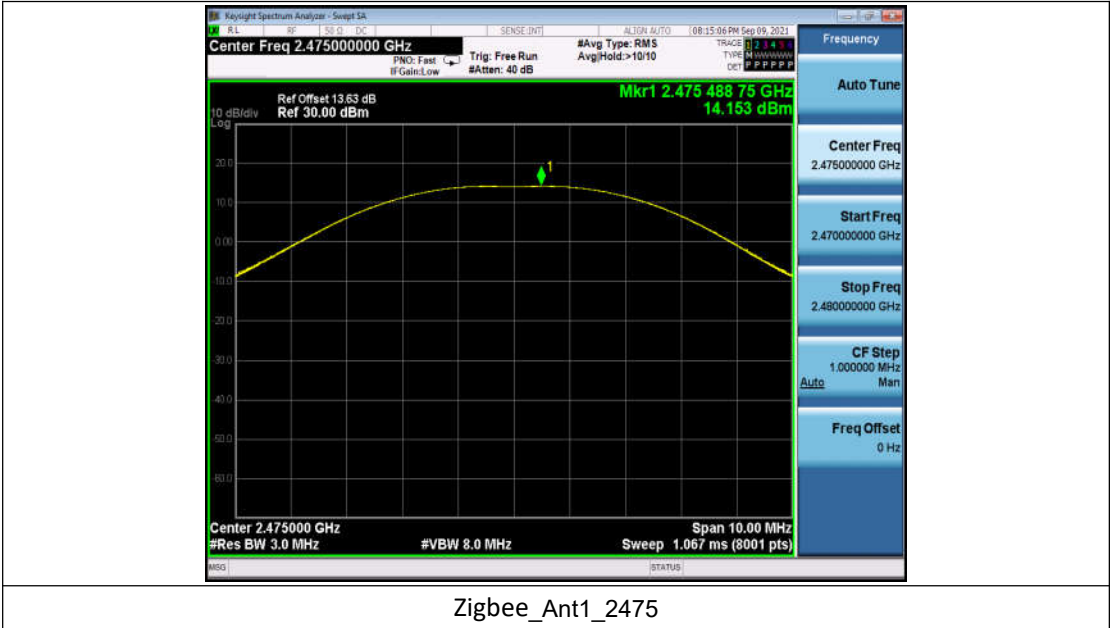
Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
Zigbee	Ant1	2405	11.092	<=30	PASS
		2440	12.970	<=30	PASS
		2475	14.153	<=30	PASS

Test Graphs



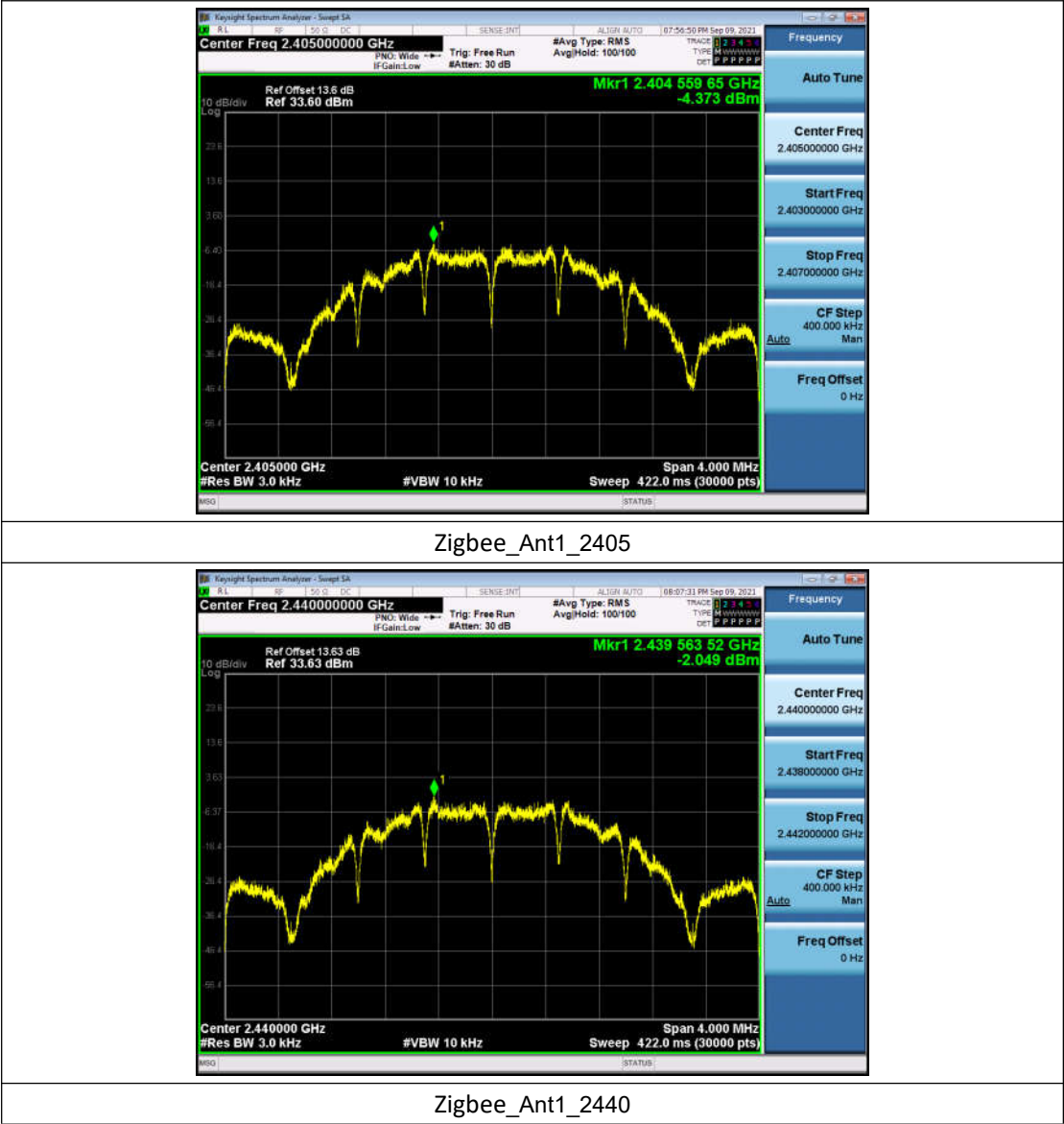


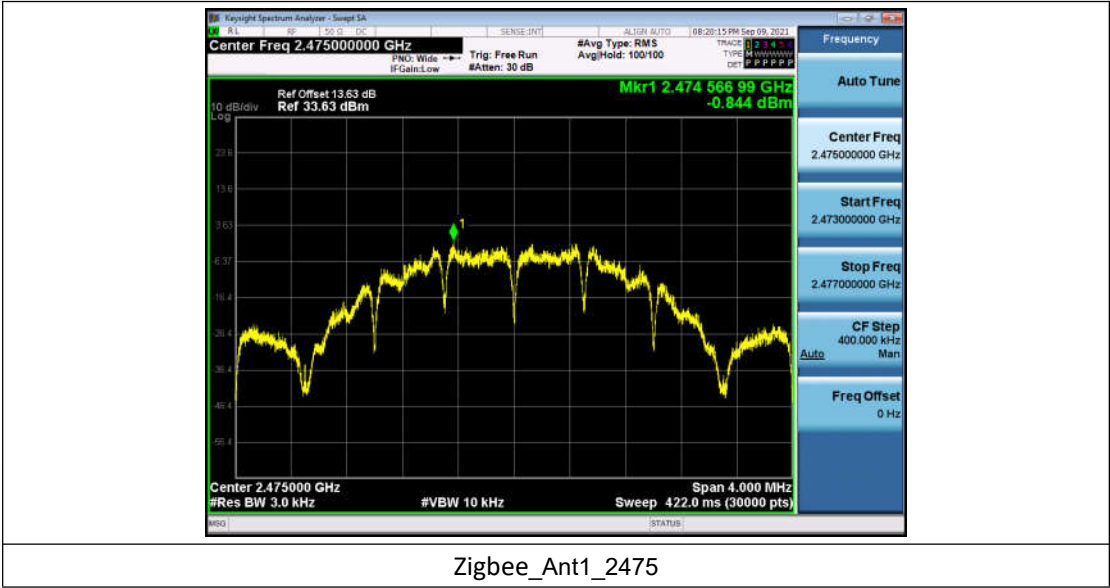
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
Zigbee	Ant1	2405	-4.373	<=8	PASS
		2440	-2.049	<=8	PASS
		2475	-0.844	<=8	PASS

Test Graphs



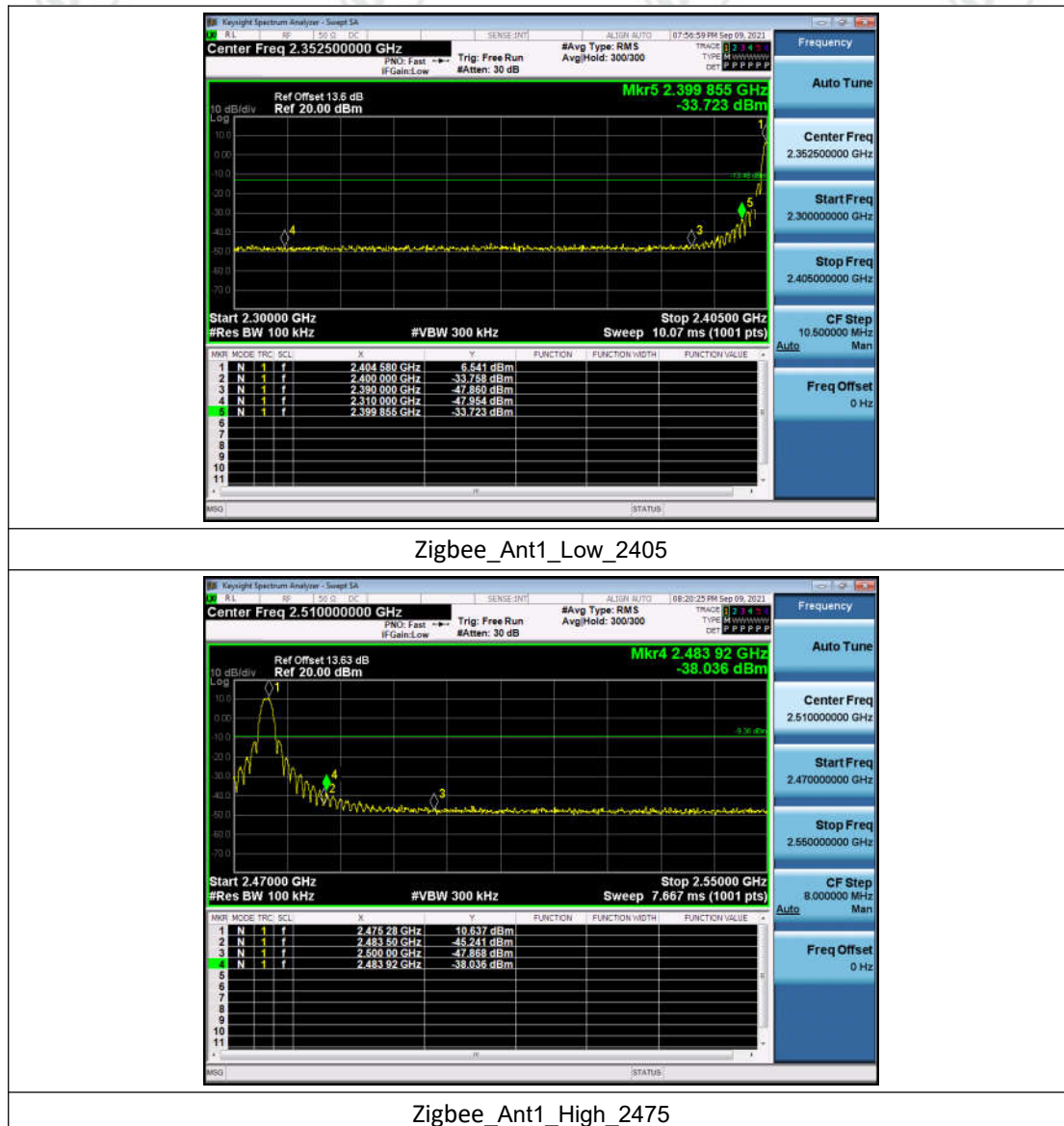


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
Zigbee	Ant1	Low	2405	6.541	-33.723	<=-13.459	PASS
		High	2475	10.637	-38.036	<=-9.363	PASS

Test Graphs

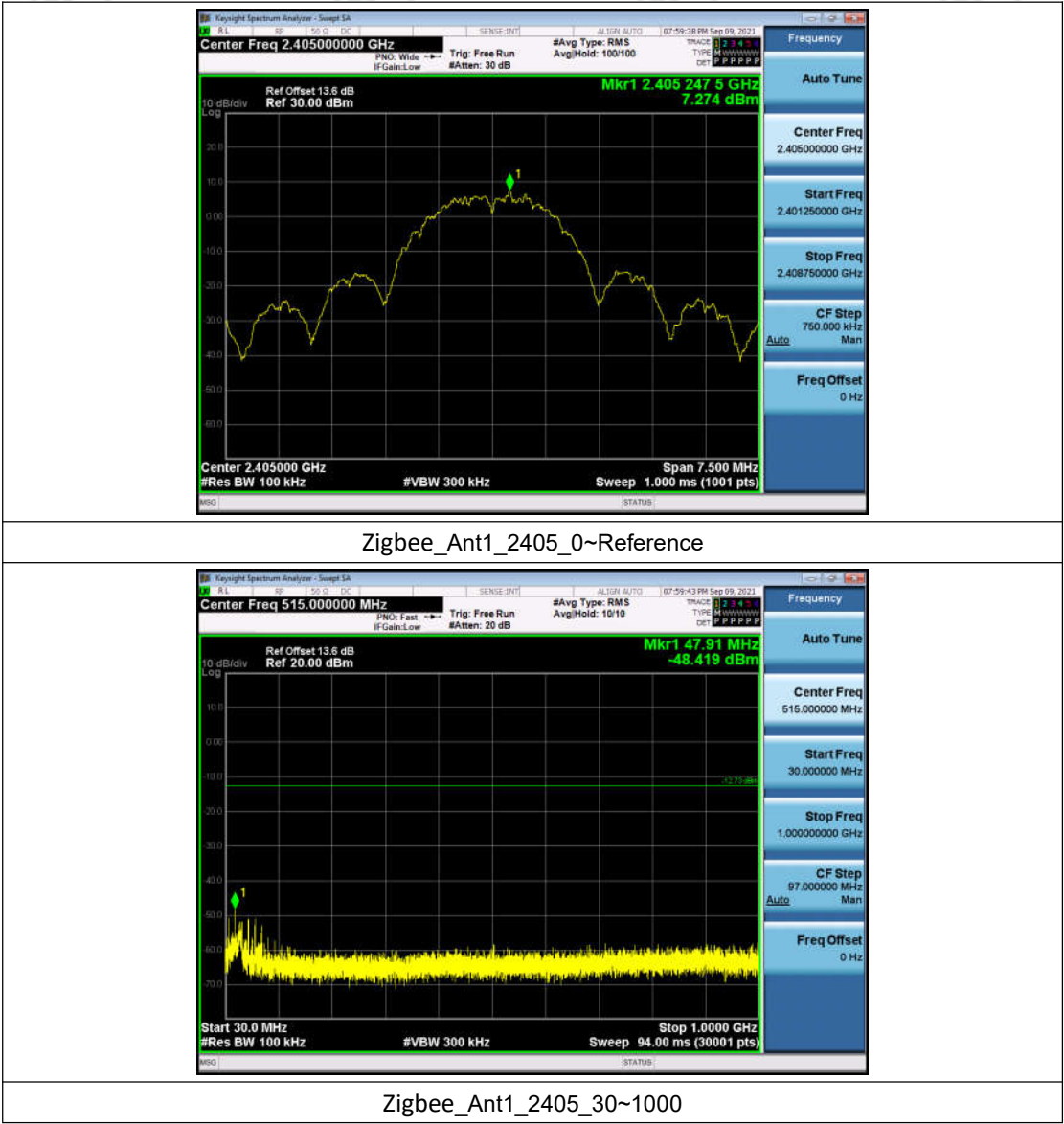


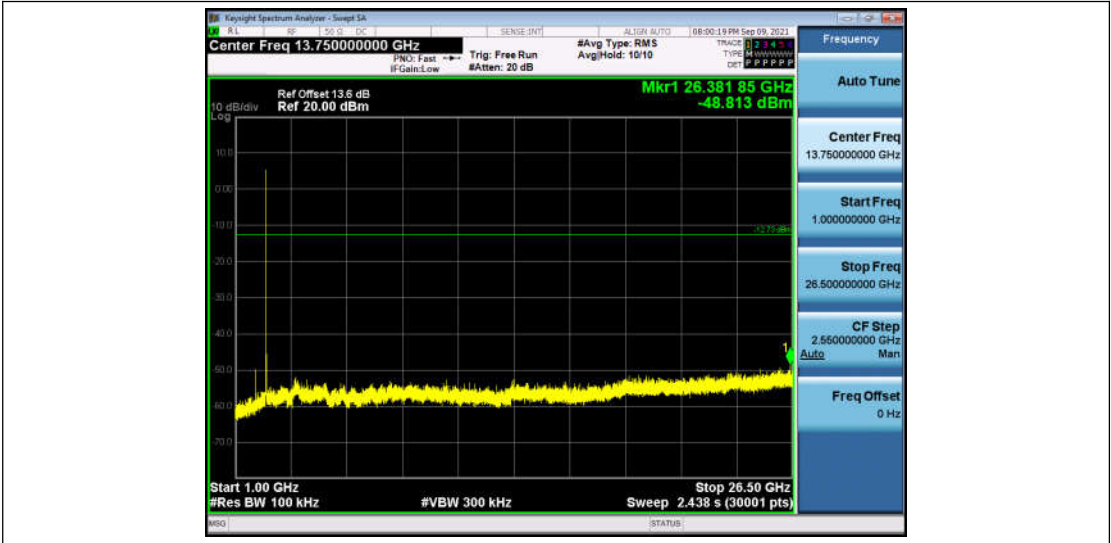
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
Zigbee	Ant1	2405	Reference	7.274	7.274	---	PASS
			30~1000	30~1000	-48.419	<=-12.726	PASS
			1000~26500	1000~26500	-48.813	<=-12.726	PASS
		2440	Reference	8.361	8.361	---	PASS
			30~1000	30~1000	-49.421	<=-11.639	PASS
			1000~26500	1000~26500	-49.471	<=-11.639	PASS
		2475	Reference	10.164	10.164	---	PASS
			30~1000	30~1000	-49.521	<=-9.836	PASS
			1000~26500	1000~26500	-47.814	<=-9.836	PASS

Test Graphs

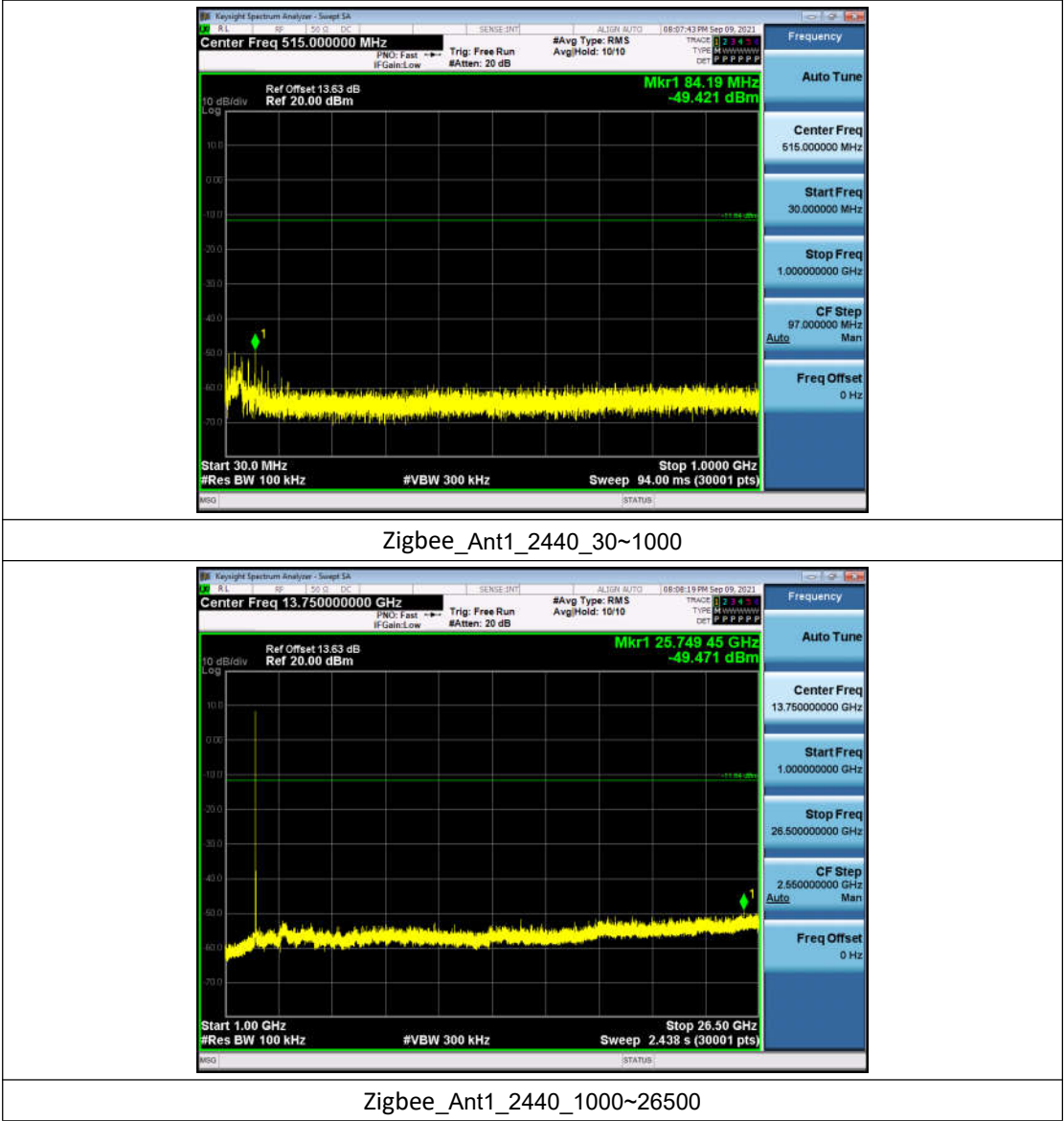


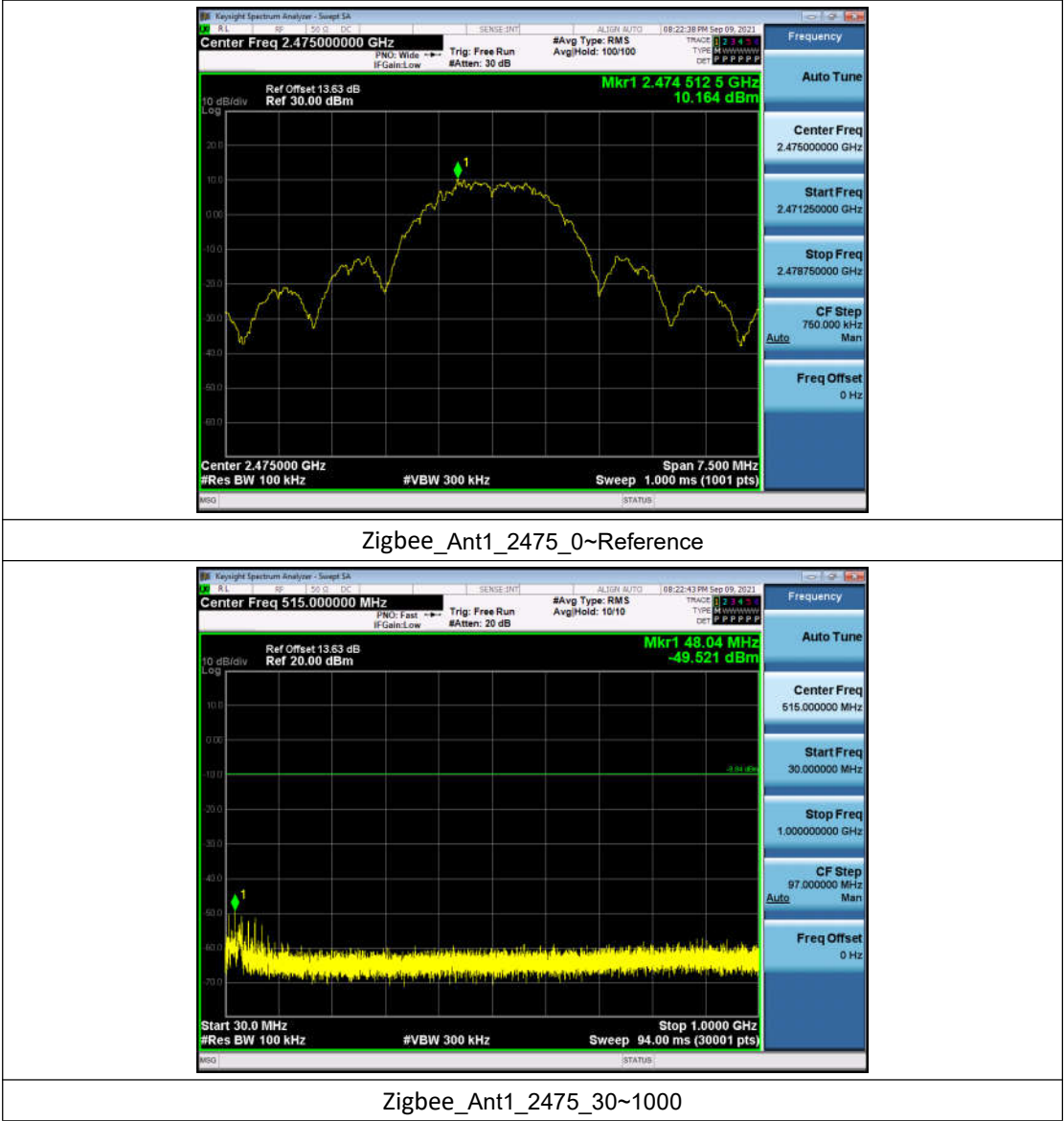


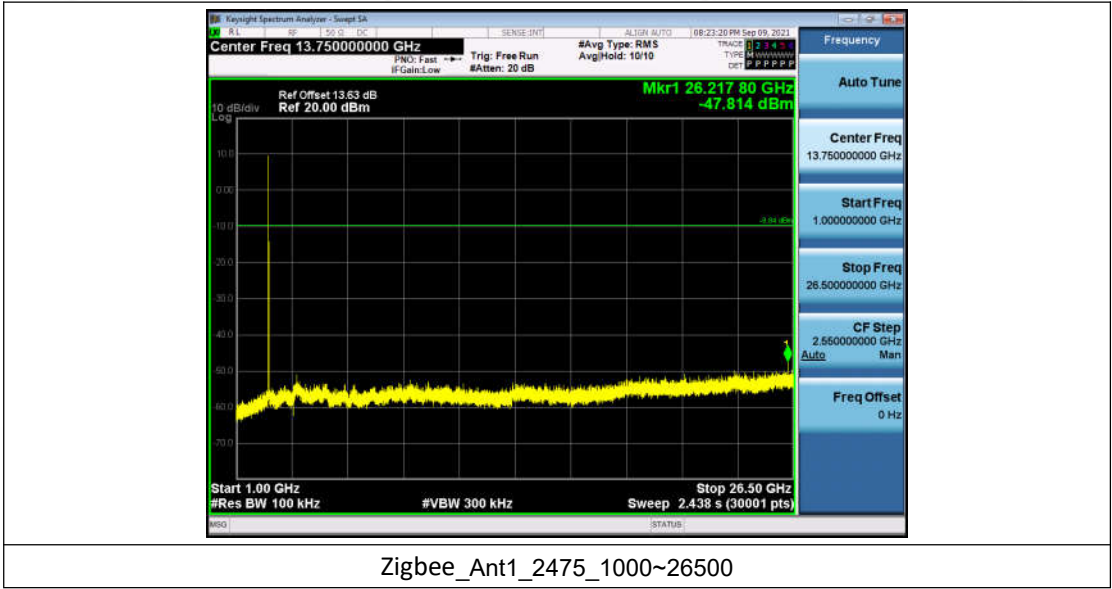
Zigbee_Ant1_2405_1000~26500



Zigbee_Ant1_2440_0~Reference





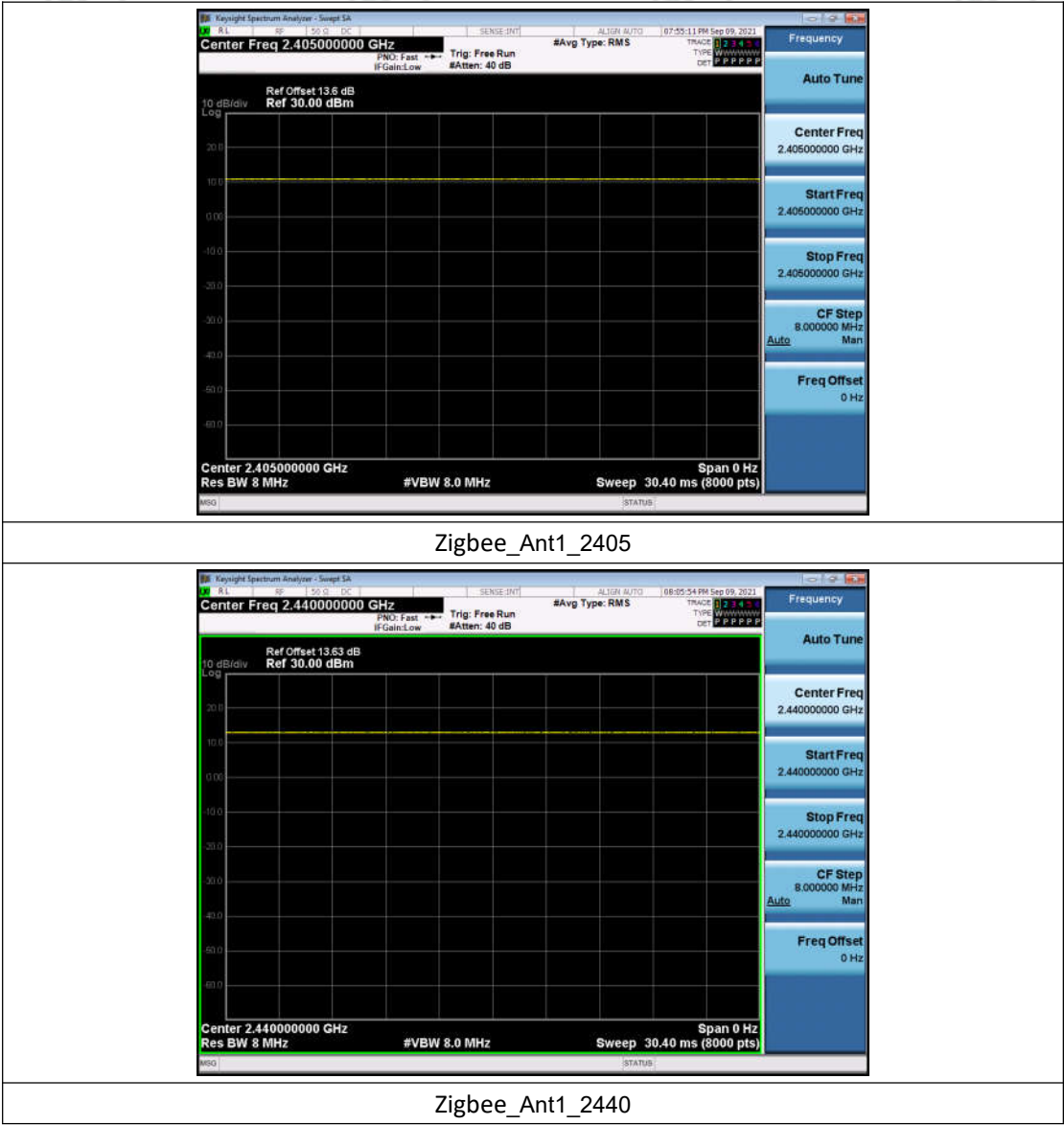


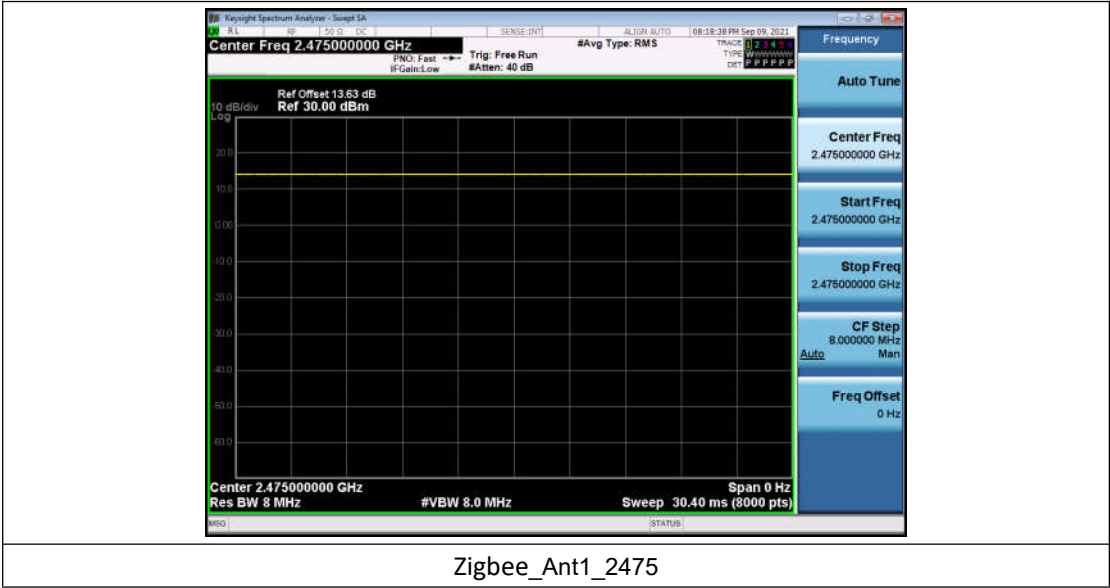
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
Zigbee	Ant1	2405	30.40	30.40	100	---	PASS
		2440	30.40	30.40	100	---	PASS
		2475	30.40	30.40	100	---	PASS

Test Graphs





*** End of Report ***