

Appendix: Bluetooth Classic

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Appendix A: 20dB Emission Bandwidth

Test Result

Right:

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.927	2401.592	2402.519	---	---
DH5	Ant1	2441	1.020	2440.568	2441.588	---	---
DH5	Ant1	2480	0.966	2479.640	2480.606	---	---
2DH5	Ant1	2402	1.227	2401.472	2402.699	---	---
2DH5	Ant1	2441	1.272	2440.469	2441.741	---	---
2DH5	Ant1	2480	1.194	2479.493	2480.687	---	---
3DH5	Ant1	2402	1.164	2401.520	2402.684	---	---
3DH5	Ant1	2441	1.233	2440.484	2441.717	---	---
3DH5	Ant1	2480	1.194	2479.511	2480.705	---	---

Left:

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.924	2401.640	2402.564	---	---
DH5	Ant1	2441	1.050	2440.577	2441.627	---	---
DH5	Ant1	2480	1.032	2479.580	2480.612	---	---
2DH5	Ant1	2402	1.185	2401.502	2402.687	---	---
2DH5	Ant1	2441	1.221	2440.484	2441.705	---	---
2DH5	Ant1	2480	1.197	2479.499	2480.696	---	---
3DH5	Ant1	2402	1.194	2401.508	2402.702	---	---
3DH5	Ant1	2441	1.197	2440.511	2441.708	---	---
3DH5	Ant1	2480	1.251	2479.469	2480.720	---	---

Test Graphs

Right:



DH5-Ant1-2402



































Appendix B: Occupied Channel Bandwidth

Test Result

Right:

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.84500	2401.67 01	2402.51 51	---	---
DH5	Ant1	2441	0.88656	2440.63 23	2441.51 88	---	---
DH5	Ant1	2480	0.88515	2479.67 58	2480.56 09	---	---
2DH5	Ant1	2402	1.1697	2401.50 83	2402.67 80	---	---
2DH5	Ant1	2441	1.1438	2440.52 40	2441.66 78	---	---
2DH5	Ant1	2480	1.1411	2479.52 30	2480.66 41	---	---
3DH5	Ant1	2402	1.1658	2401.51 38	2402.67 96	---	---
3DH5	Ant1	2441	1.1692	2440.51 45	2441.68 37	---	---
3DH5	Ant1	2480	1.1758	2479.51 07	2480.68 65	---	---

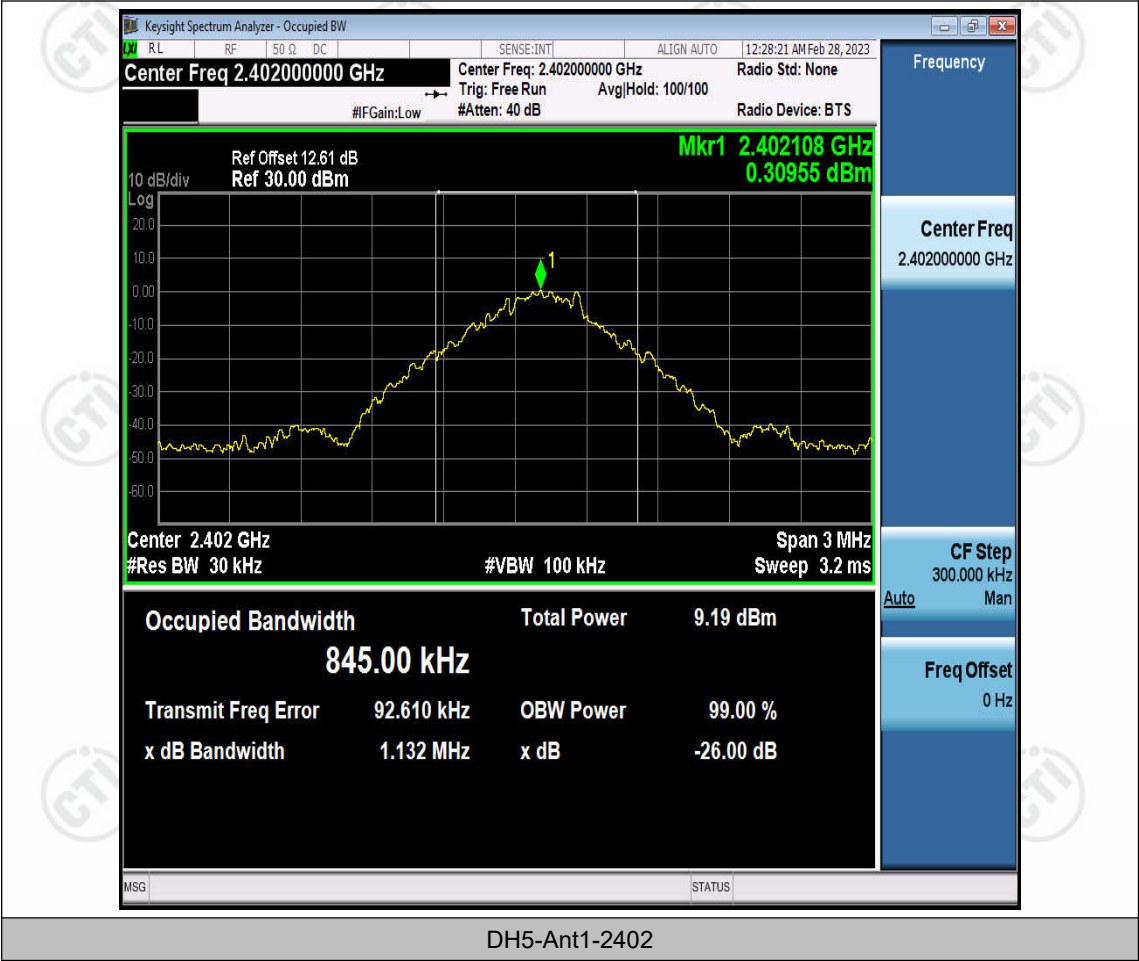
Left:

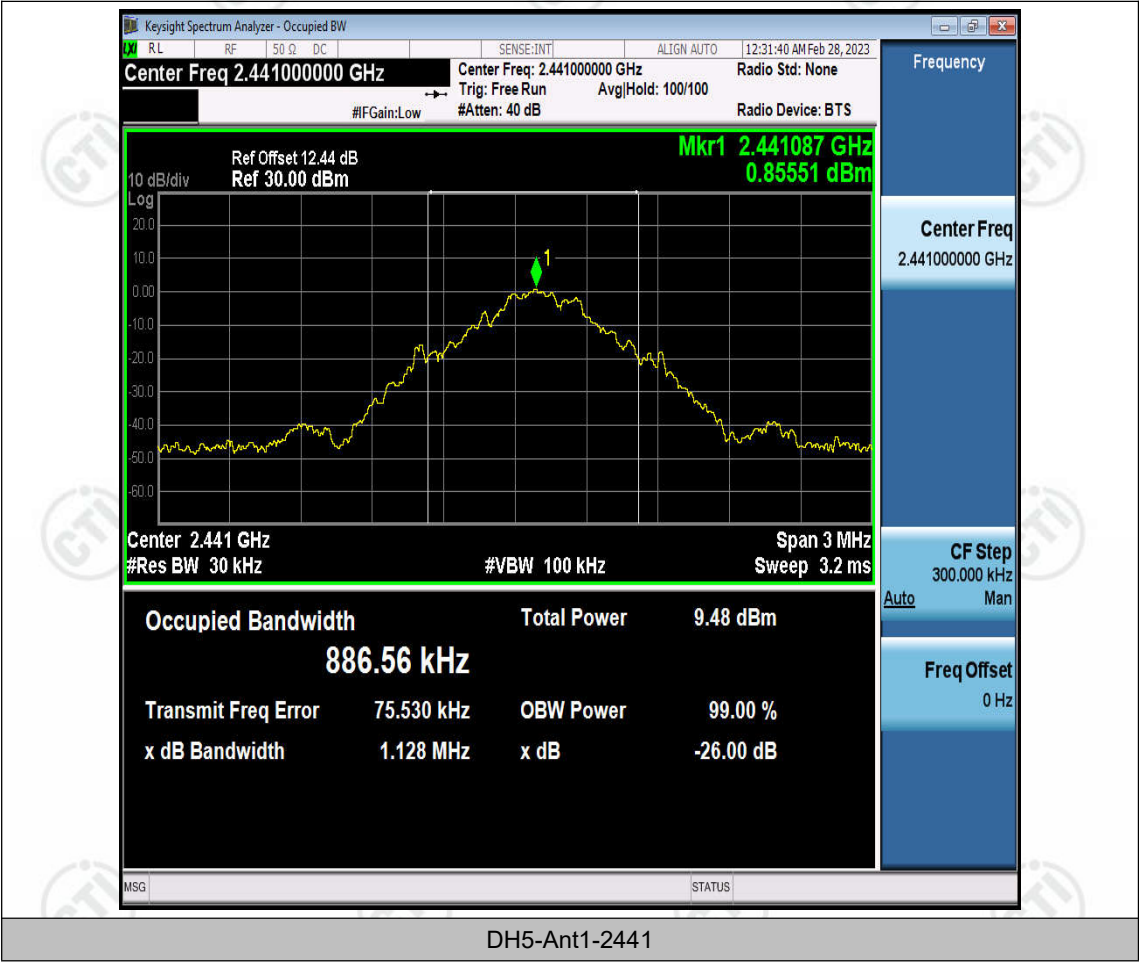
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88607	2401.66 09	2402.54 69	---	---
DH5	Ant1	2441	0.88641	2440.68 07	2441.56 71	---	---
DH5	Ant1	2480	0.88336	2479.67 71	2480.56 05	---	---
2DH5	Ant1	2402	1.1665	2401.51 06	2402.67 71	---	---
2DH5	Ant1	2441	1.1690	2440.51 53	2441.68 43	---	---
2DH5	Ant1	2480	1.1486	2479.52 75	2480.67 61	---	---
3DH5	Ant1	2402	1.1813	2401.51 15	2402.69 28	---	---
3DH5	Ant1	2441	1.1680	2440.51	2441.68	---	---

				94	74		
3DH5	Ant1	2480	1.1735	2479.52 13	2480.69 48	---	---

Test Graphs

Right:





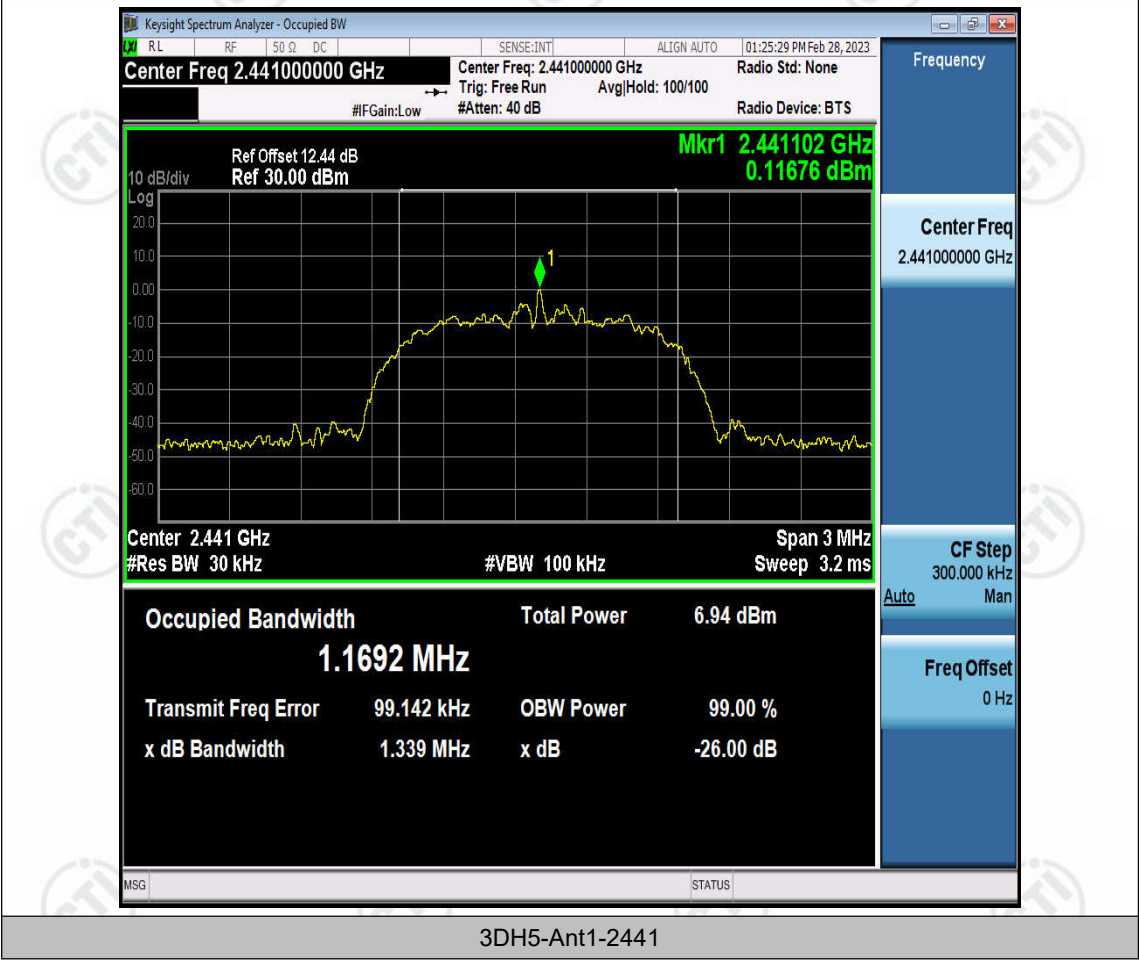






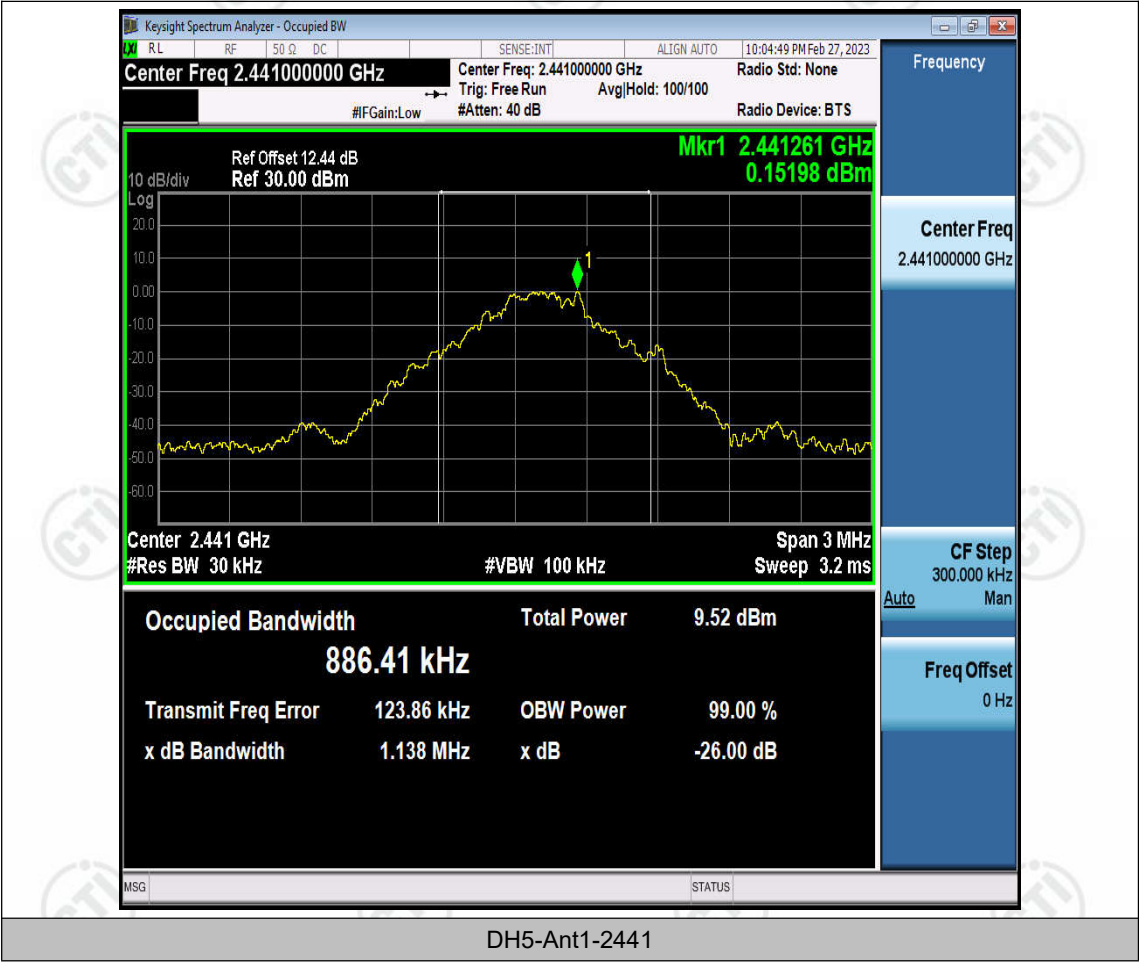










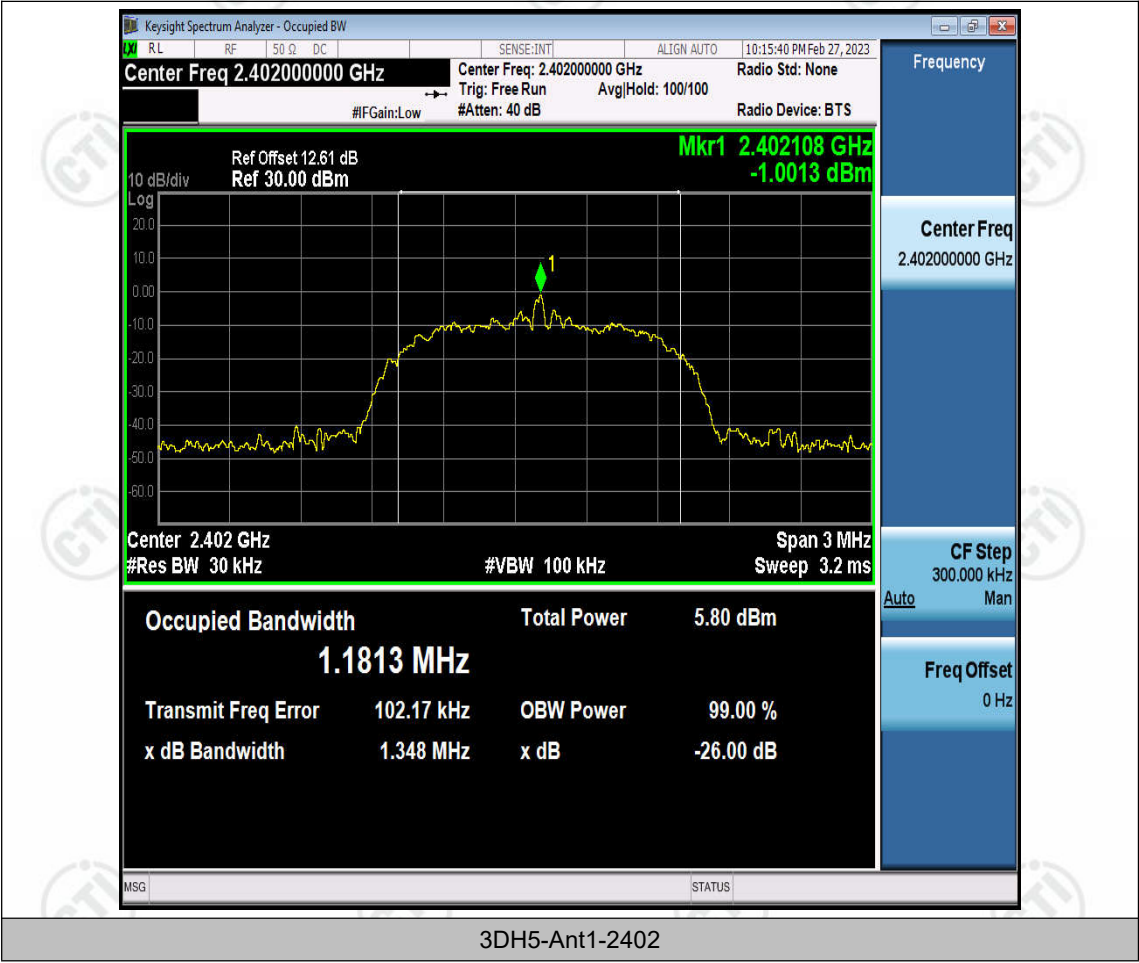


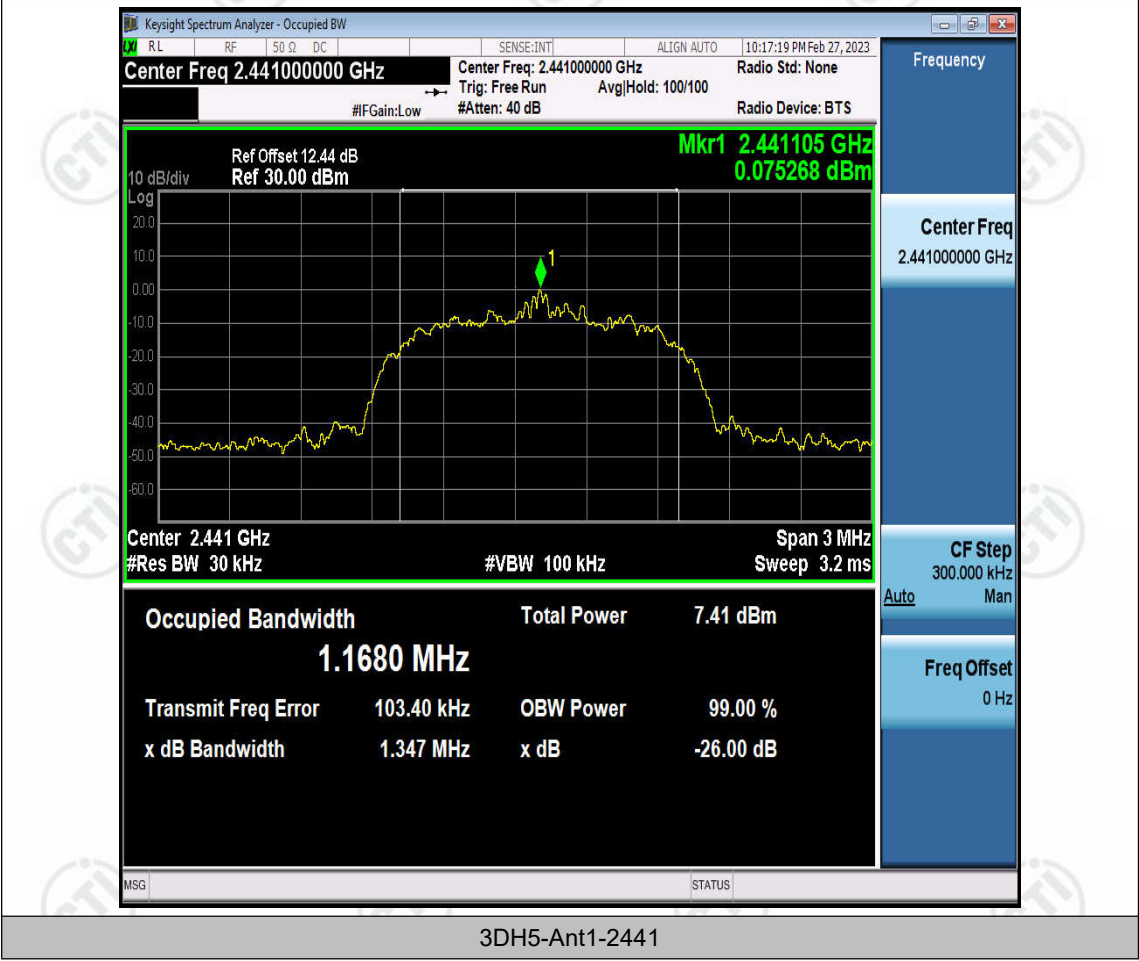














Appendix C: Maximum conducted output power

Test Result

Right:

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	3.07	≤20.97	PASS
DH5	Ant1	2441	3.04	≤20.97	PASS
DH5	Ant1	2480	3.01	≤20.97	PASS
2DH5	Ant1	2402	3.04	≤20.97	PASS
2DH5	Ant1	2441	2.85	≤20.97	PASS
2DH5	Ant1	2480	2.9	≤20.97	PASS
3DH5	Ant1	2402	2.94	≤20.97	PASS
3DH5	Ant1	2441	2.84	≤20.97	PASS
3DH5	Ant1	2480	2.87	≤20.97	PASS

Left:

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.8	≤20.97	PASS
DH5	Ant1	2441	2.97	≤20.97	PASS
DH5	Ant1	2480	2.77	≤20.97	PASS
2DH5	Ant1	2402	1.76	≤20.97	PASS
2DH5	Ant1	2441	2.95	≤20.97	PASS
2DH5	Ant1	2480	2.7	≤20.97	PASS
3DH5	Ant1	2402	1.62	≤20.97	PASS
3DH5	Ant1	2441	2.92	≤20.97	PASS
3DH5	Ant1	2480	2.73	≤20.97	PASS

Test Graphs

Right:

