

AppendixA: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]
DH5	Ant1	2402	0.981	2401.505	2402.486
DH5	Ant1	2441	1.029	2440.466	2441.495
DH5	Ant1	2480	0.957	2479.538	2480.495
2DH5	Ant1	2402	1.359	2401.316	2402.675
2DH5	Ant1	2441	1.377	2440.310	2441.687
2DH5	Ant1	2480	1.365	2479.322	2480.687
3DH5	Ant1	2402	1.284	2401.343	2402.627
3DH5	Ant1	2441	1.347	2440.322	2441.669
3DH5	Ant1	2480	1.371	2479.313	2480.684

Test Graphs





DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480



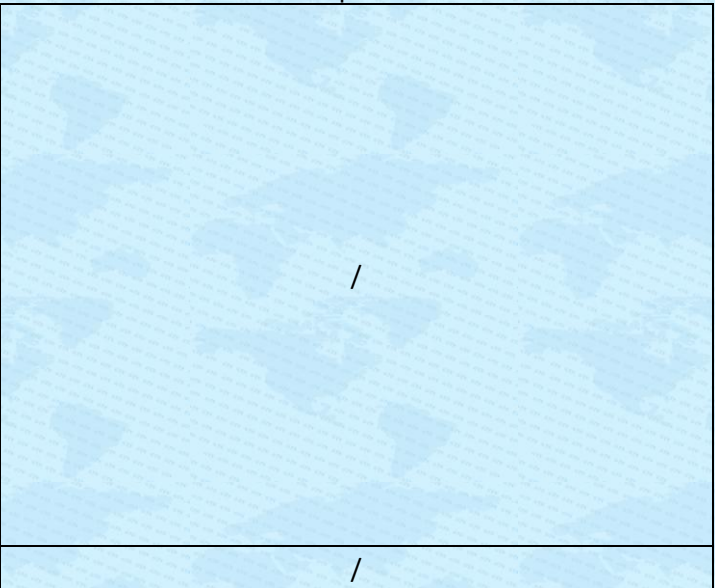
3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

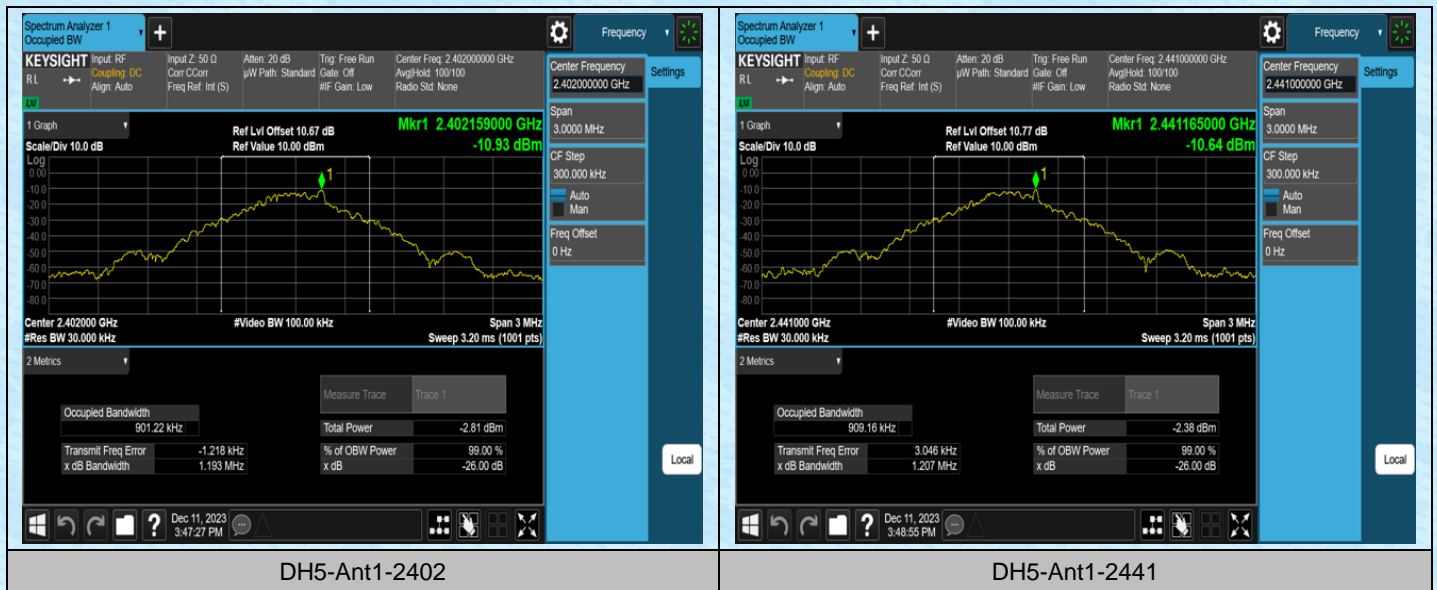


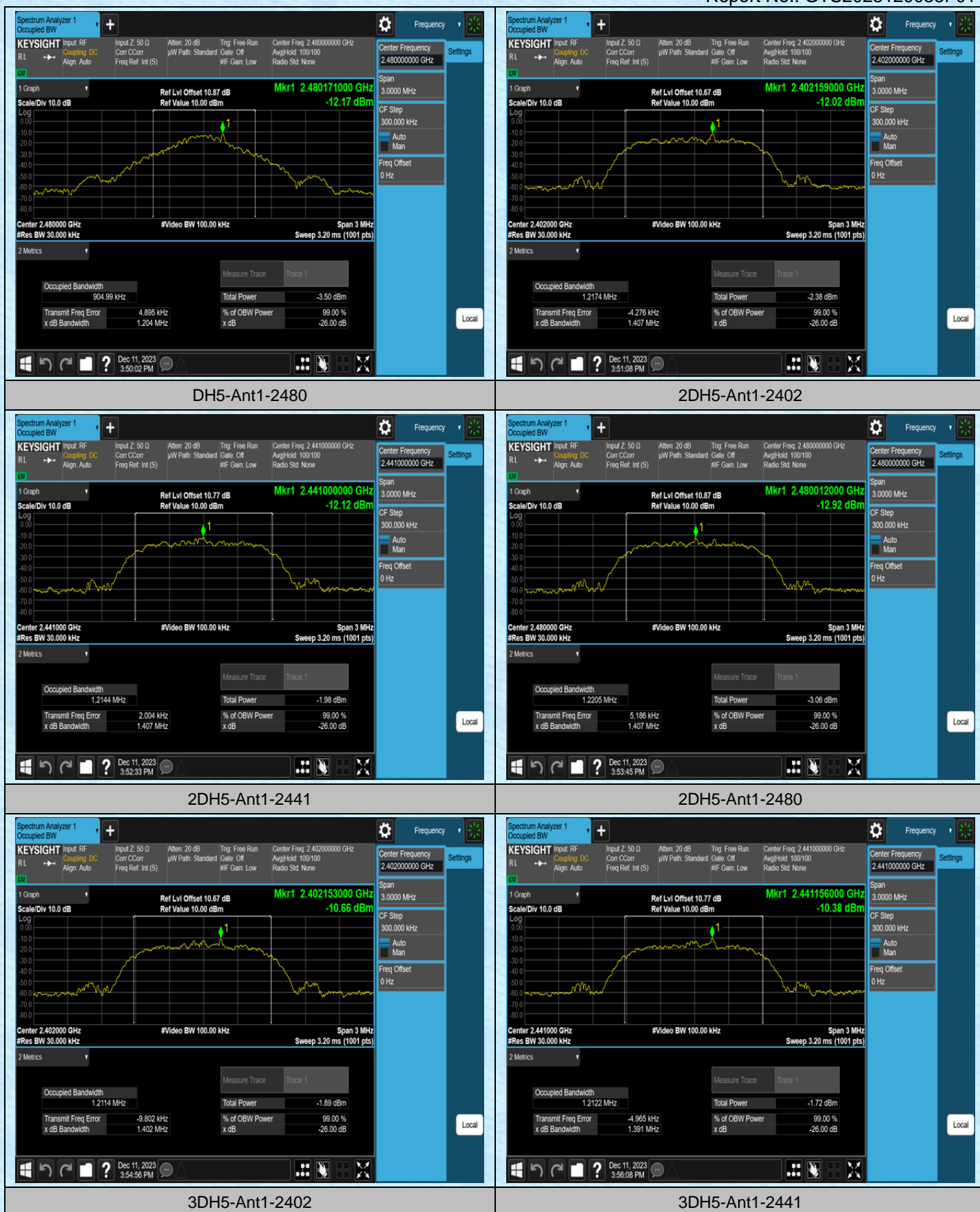
AppendixB: Occupied Channel Bandwidth

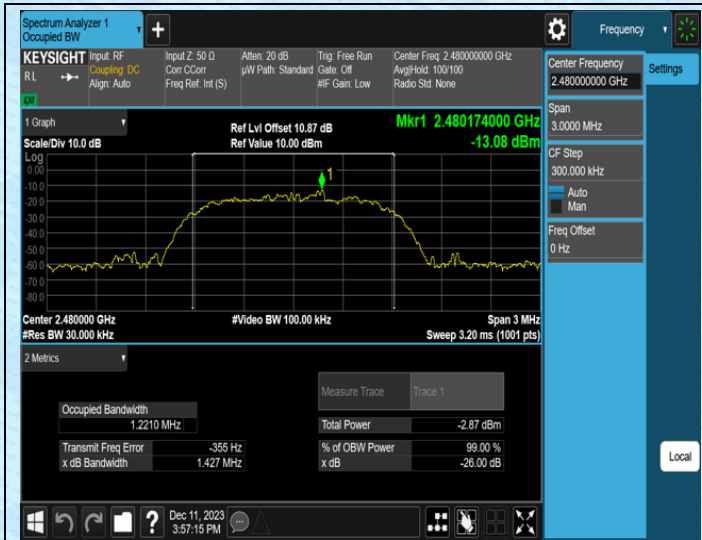
Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
DH5	Ant1	2402	0.90122	2401.5482	2402.4494
DH5	Ant1	2441	0.90916	2440.5485	2441.4576
DH5	Ant1	2480	0.90499	2479.5524	2480.4574
2DH5	Ant1	2402	1.2174	2401.3870	2402.6044
2DH5	Ant1	2441	1.2144	2440.3948	2441.6092
2DH5	Ant1	2480	1.2205	2479.3949	2480.6154
3DH5	Ant1	2402	1.2114	2401.3845	2402.5959
3DH5	Ant1	2441	1.2122	2440.3889	2441.6011
3DH5	Ant1	2480	1.2210	2479.3891	2480.6101

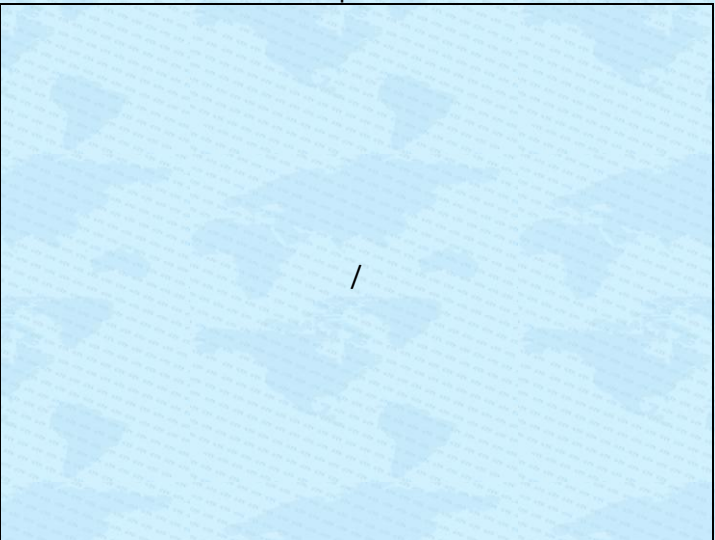
Test Graphs







3DH5-Ant1-2480



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AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-9.35	≤30	PASS
DH5	Ant1	2441	-8.65	≤30	PASS
DH5	Ant1	2480	-9.93	≤30	PASS
2DH5	Ant1	2402	-6.85	≤20.97	PASS
2DH5	Ant1	2441	-6.58	≤20.97	PASS
2DH5	Ant1	2480	-7.39	≤20.97	PASS
3DH5	Ant1	2402	-6.29	≤20.97	PASS
3DH5	Ant1	2441	-6.06	≤20.97	PASS
3DH5	Ant1	2480	-6.9	≤20.97	PASS

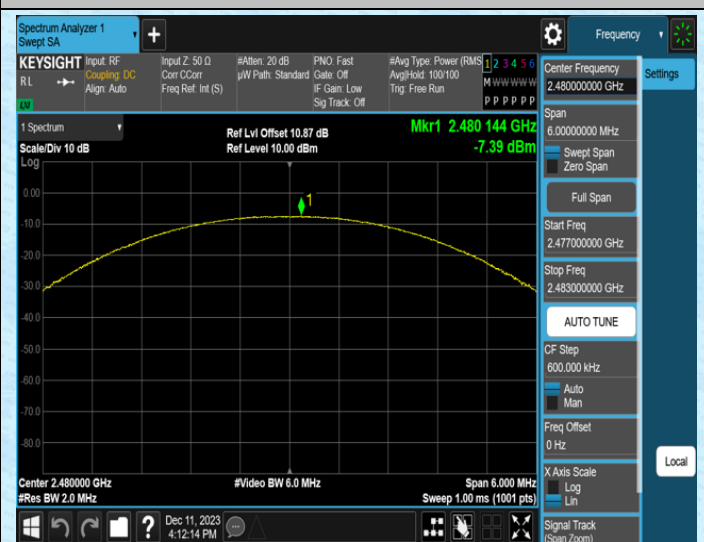
Test Graphs





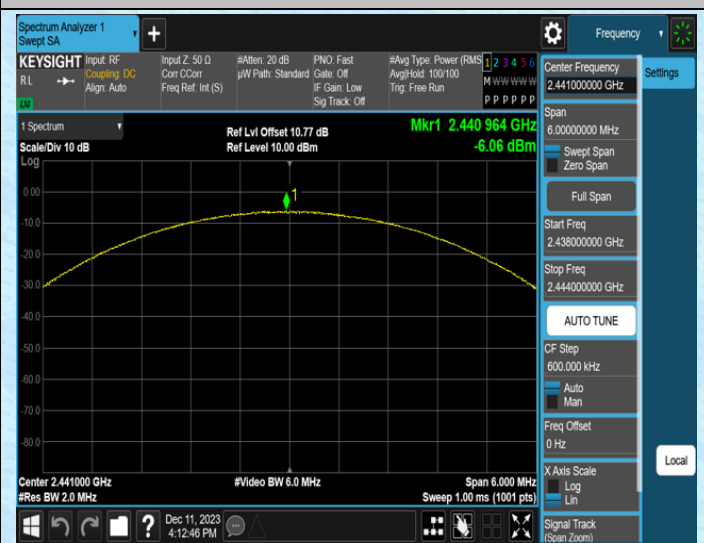
DH5-Ant1-2480

2DH5-Ant1-2402



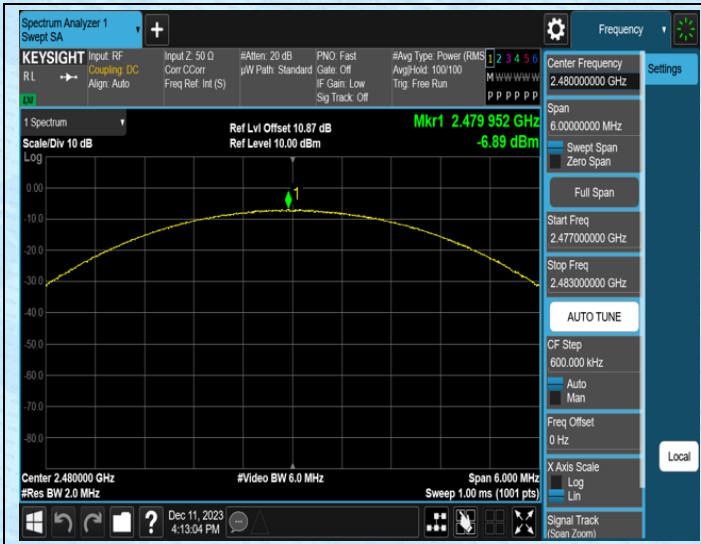
2DH5-Ant1-2441

2DH5-Ant1-2480

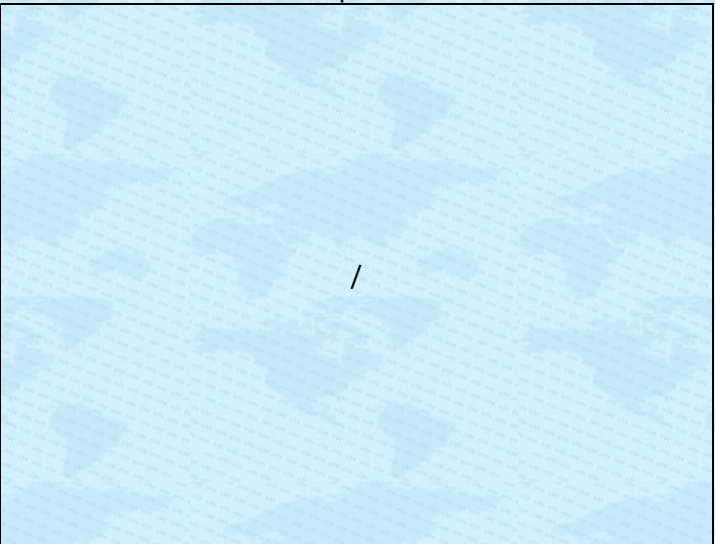


3DH5-Ant1-2402

3DH5-Ant1-2441



3DH5-Ant1-2480

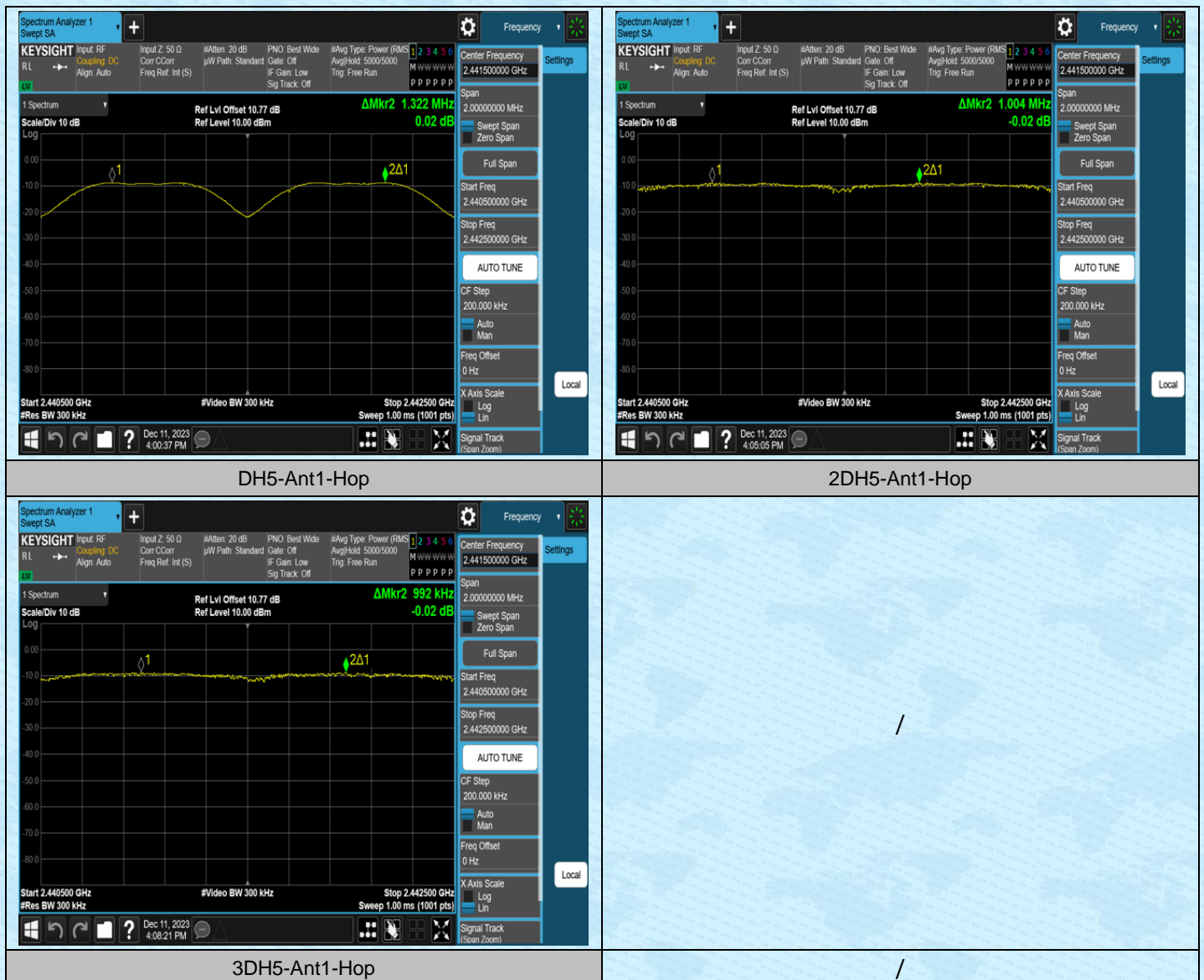


AppendixD: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.322	≥1.029	PASS
2DH5	Ant1	Hop	1.004	≥0.918	PASS
3DH5	Ant1	Hop	0.992	≥0.914	PASS

Test Graphs



AppendixE: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.885	106.67	0.308	≤0.4	PASS
DH1	Ant1	Hop	0.381	320	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.638	160	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.888	106.67	0.308	≤0.4	PASS
2DH1	Ant1	Hop	0.388	320	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.640	160	0.262	≤0.4	PASS
3DH5	Ant1	Hop	2.889	106.67	0.308	≤0.4	PASS
3DH1	Ant1	Hop	0.388	320	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.639	160	0.262	≤0.4	PASS

Note:

DH5/2DH5/3DH5: TotalHops=1600/79/6*0.4*79

DH5/2DH5/3DH5: Time of occupancy= TotalHops * (BurstWidth) /1000

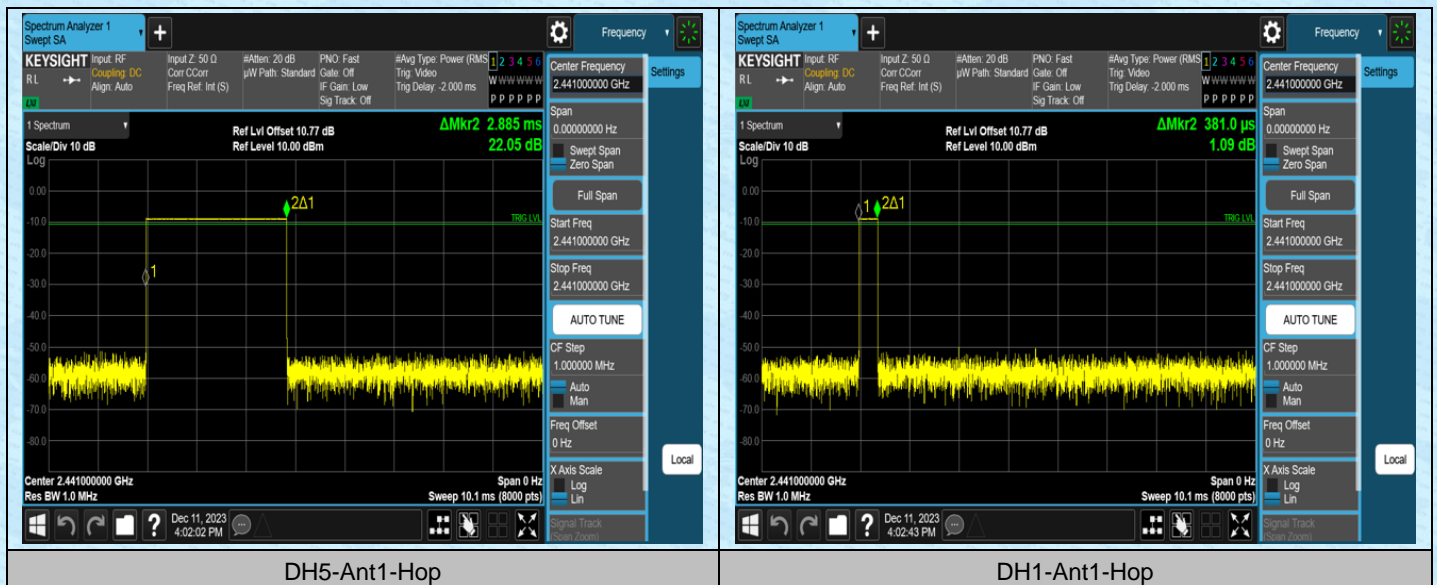
DH3/2DH3/3DH3: TotalHops=1600/79/4*0.4*79

DH3/2DH3/3DH3: Time of occupancy= TotalHops * (BurstWidth) /1000

DH1/2DH1/3DH1: TotalHops=1600/79/2*0.4*79

DH1/2DH1/3DH1: Time of occupancy= TotalHops * (BurstWidth) /1000

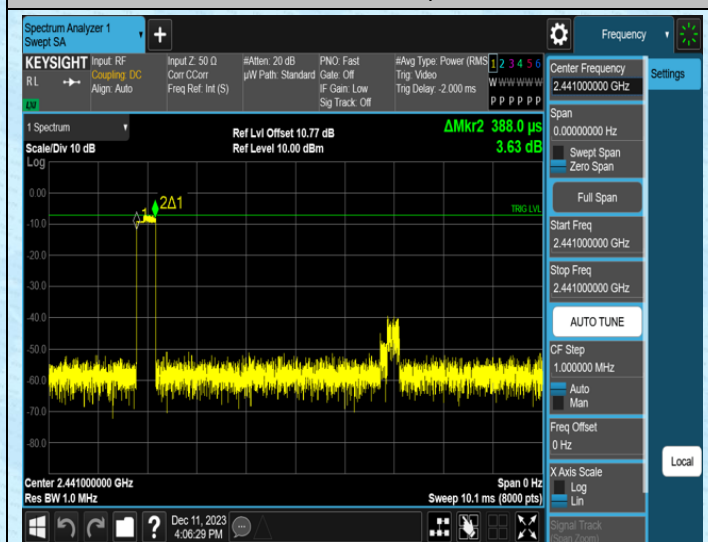
Test Graphs





DH3-Ant1-Hop

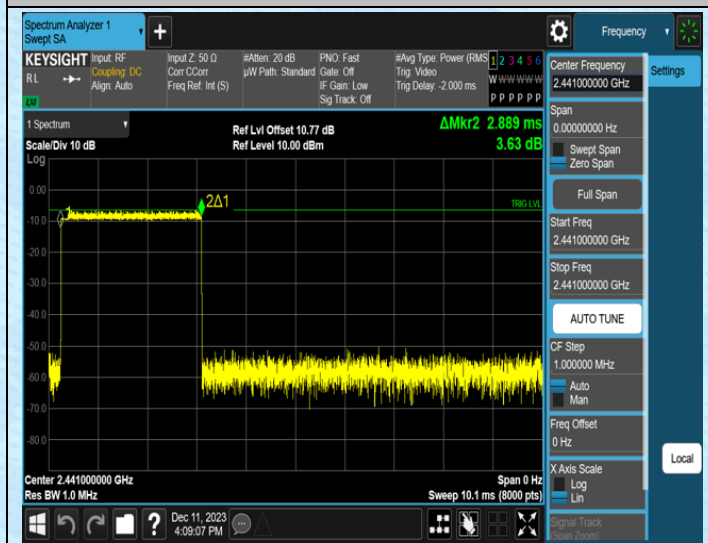
2DH5-Ant1-Hop



2DH1-Ant1-Hop



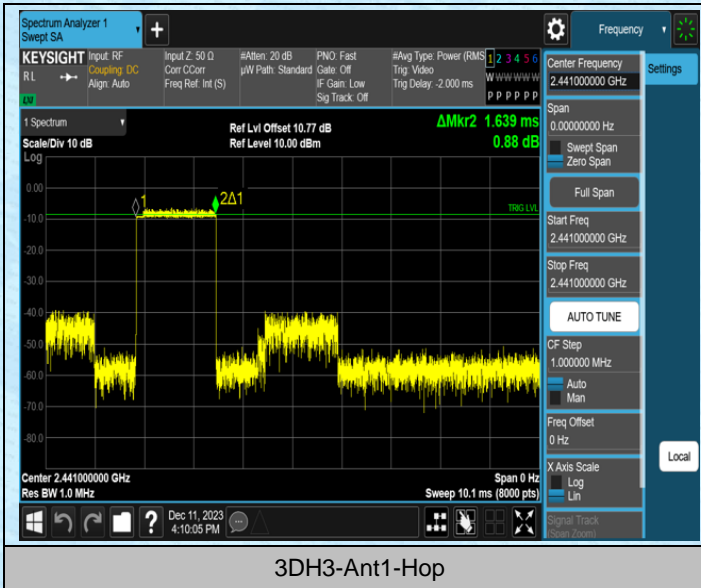
2DH3-Ant1-Hop



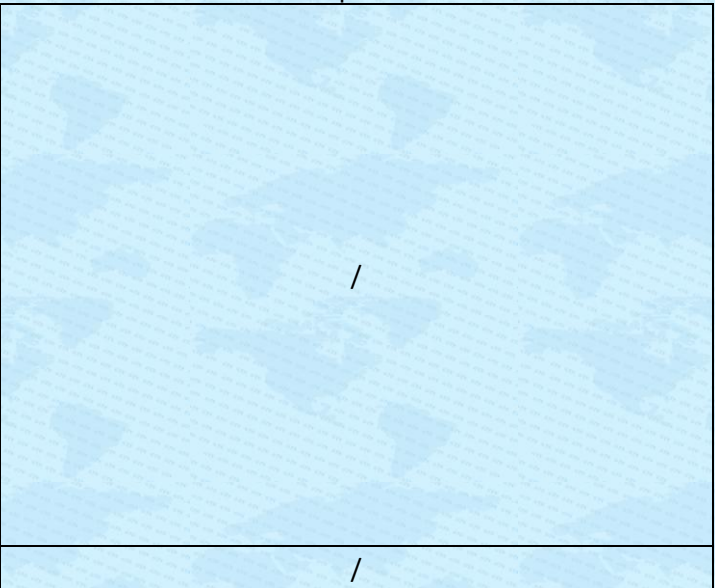
3DH5-Ant1-Hop



3DH1-Ant1-Hop



3DH3-Ant1-Hop

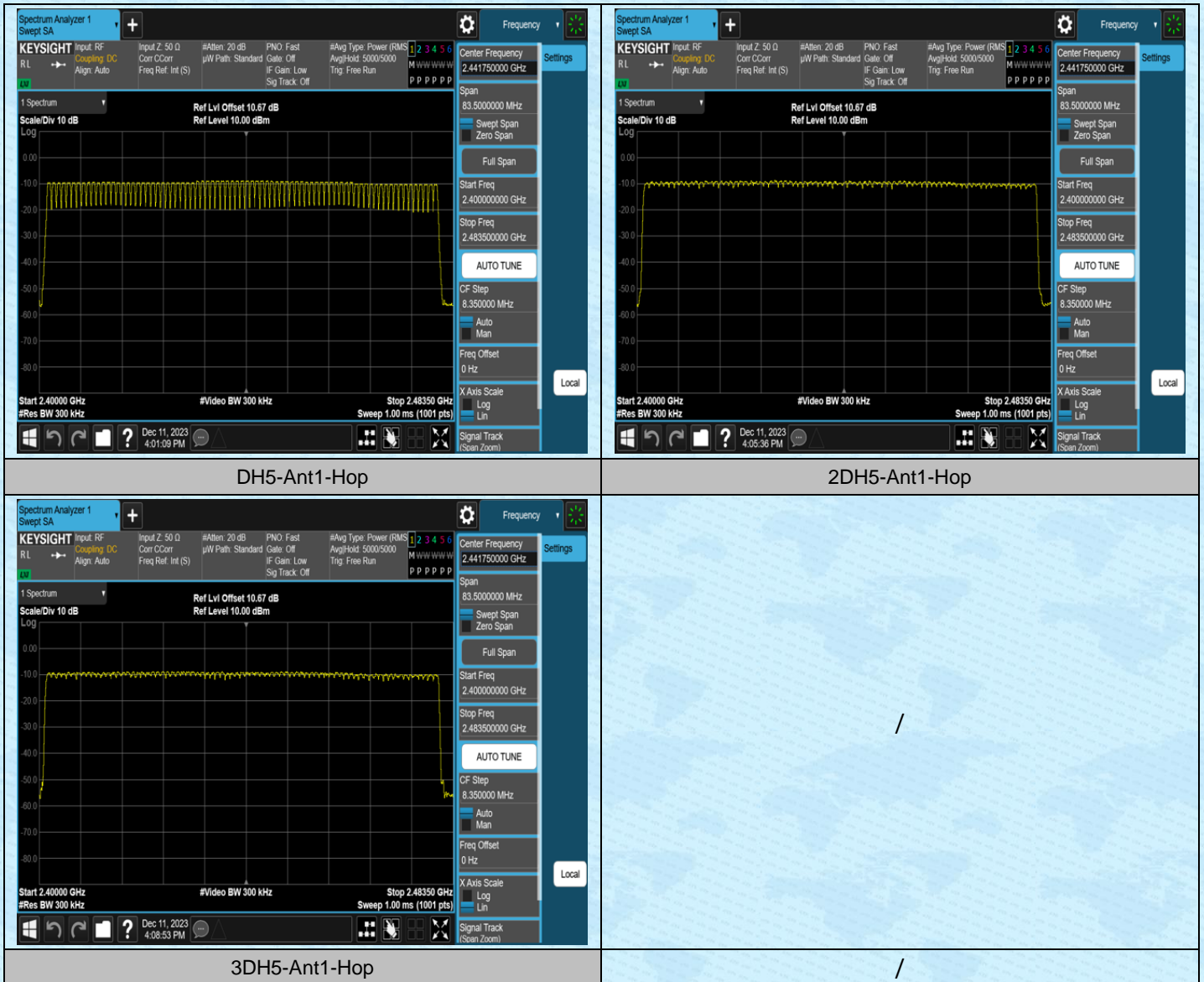


AppendixF: Number of hopping channels

Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs



AppendixG:Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-9.51	-49.54	≤-29.51	PASS
DH5	Ant1	High	2480	-10.22	-49.37	≤-30.22	PASS
2DH5	Ant1	Low	2402	-10.03	-49.11	≤-30.03	PASS
2DH5	Ant1	High	2480	-10.57	-49.66	≤-30.57	PASS
3DH5	Ant1	Low	2402	-9.36	-50.24	≤-29.36	PASS
3DH5	Ant1	High	2480	-9.95	-50.07	≤-29.95	PASS
DH5	Ant1	Low	Hop_2402	-10.55	-49.55	≤-30.55	PASS
DH5	Ant1	High	Hop_2480	-10.99	-49.52	≤-30.99	PASS
2DH5	Ant1	Low	Hop_2402	-12.55	-49.86	≤-32.55	PASS
2DH5	Ant1	High	Hop_2480	-10.31	-49.44	≤-30.31	PASS
3DH5	Ant1	Low	Hop_2402	-11.83	-49.9	≤-31.83	PASS
3DH5	Ant1	High	Hop_2480	-12.33	-49.15	≤-32.33	PASS

Test Graphs

