



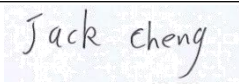
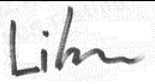
Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Portable Bluetooth Rechargeable Speaker with Built-in Emergency USB Charging Port, FM Radio, Flashlight, and Solar Charging Panel

Test Model: JEP-175

Environmental Conditions

Temperature:	23.5 ° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	 Jack Cheng
Supervised by:	 Li Huan





A.1 20dB Emission Bandwidth

Test Result

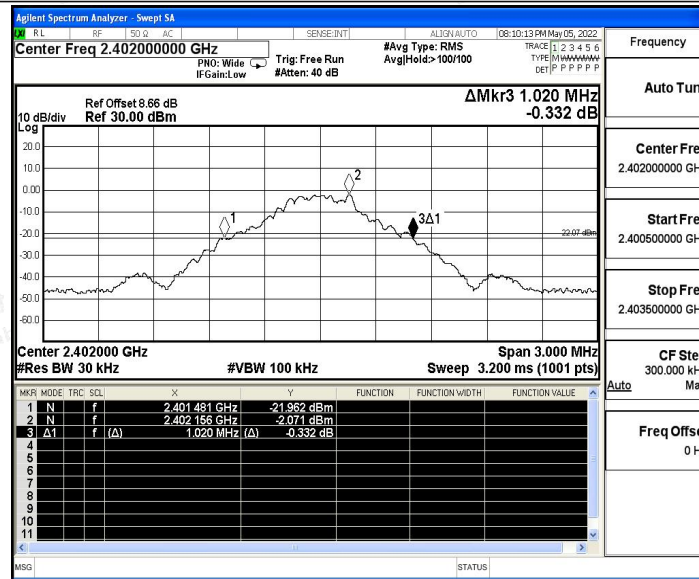
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.020	2401.481	2402.501	---	---
		2441	1.029	2440.466	2441.495	---	---
		2480	1.044	2479.457	2480.501	---	---
2DH5	Ant1	2402	1.290	2401.358	2402.648	---	---
		2441	1.314	2440.337	2441.651	---	---
		2480	1.290	2479.355	2480.645	---	---



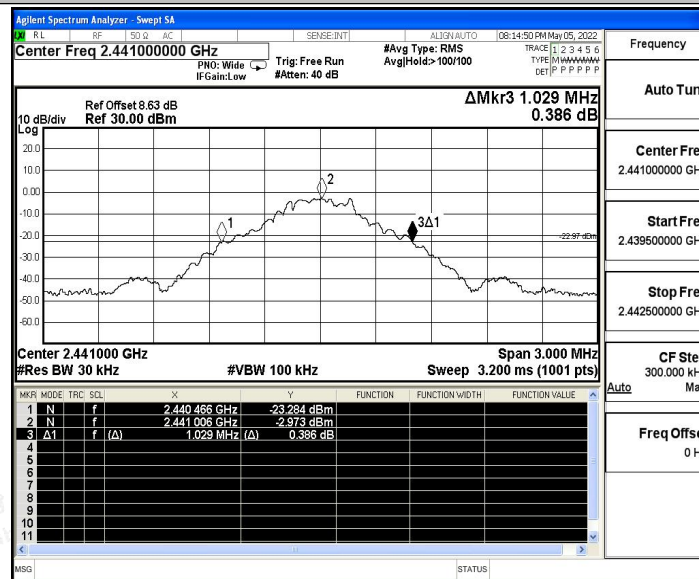


Test Graphs

DH5_Ant1_2402

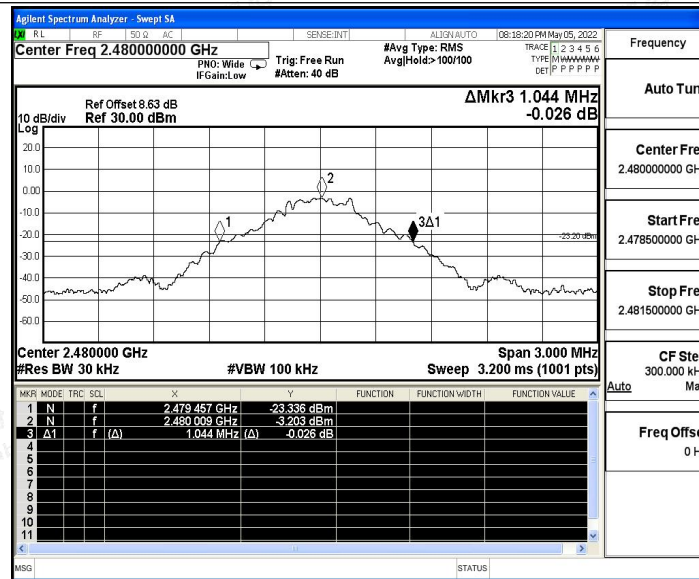


DH5_Ant1_2441

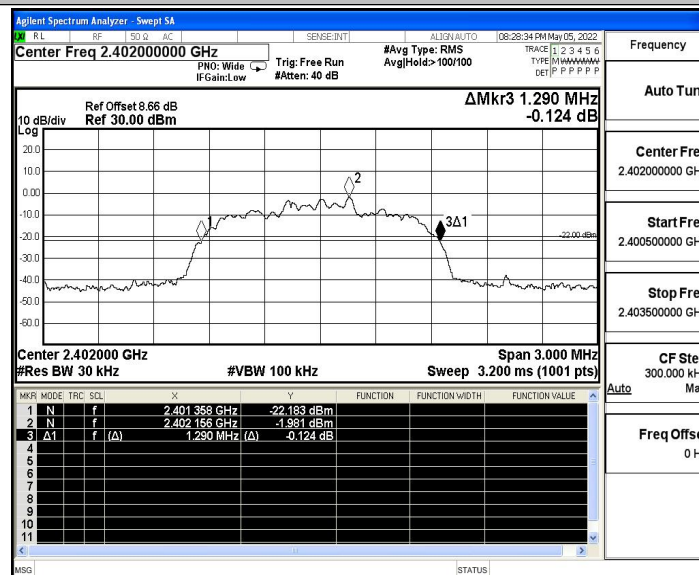


DH5_Ant1_2480



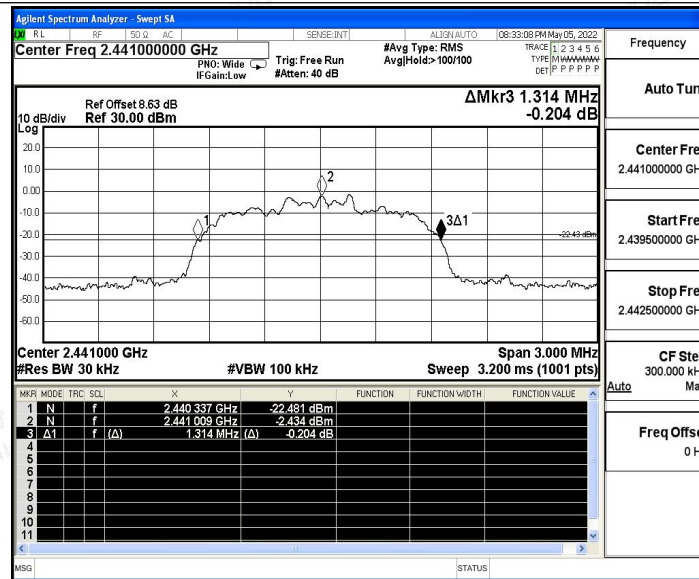


2DH5_Ant1_2402

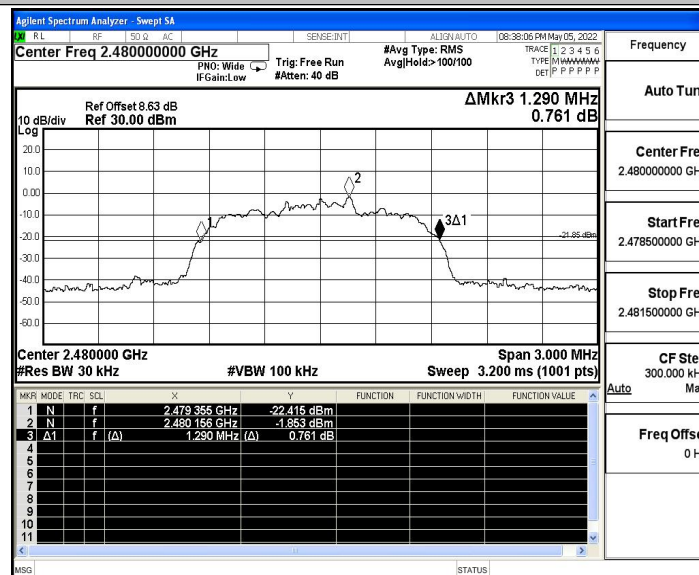


2DH5_Ant1_2441





2DH5_Ant1_2480



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A.2 Maximum peak conducted output power

Test Result

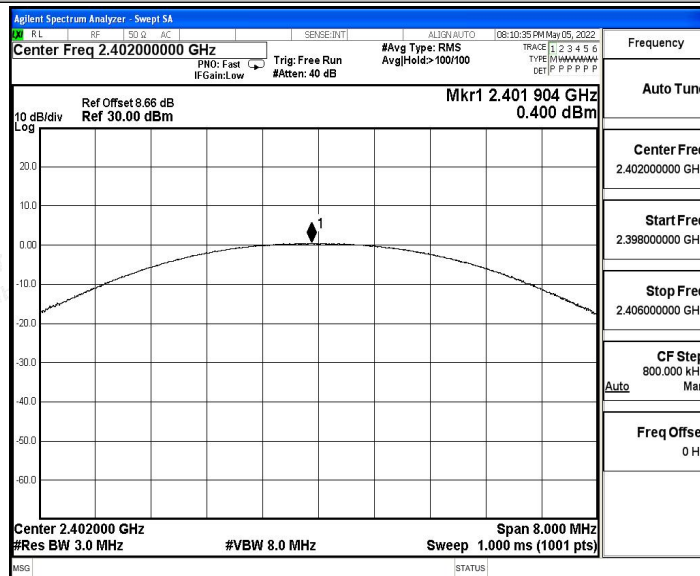
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	0.4	≤20.97	PASS
		2441	0.01	≤20.97	PASS
		2480	-0.21	≤20.97	PASS
2DH5	Ant1	2402	2.02	≤20.97	PASS
		2441	2.43	≤20.97	PASS
		2480	2.51	≤20.97	PASS



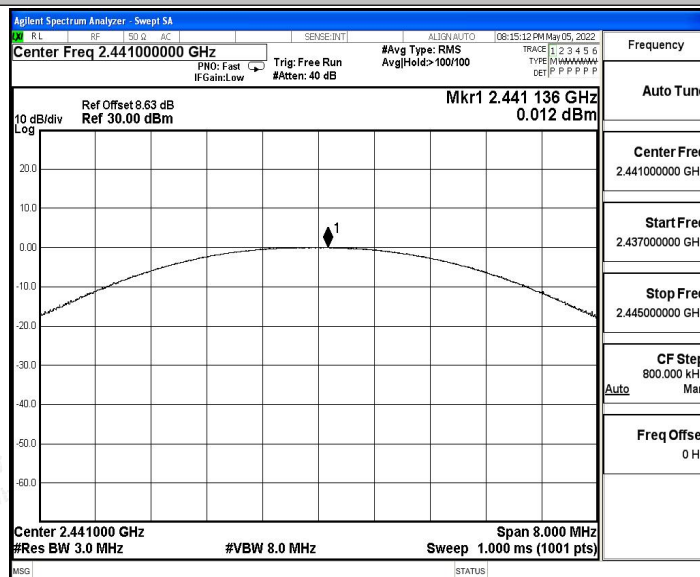


Test Graphs

DH5_Ant1_2402

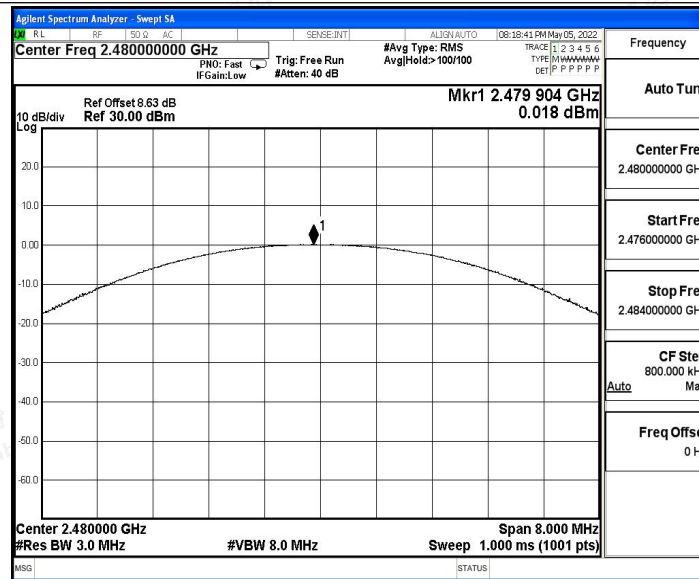


DH5_Ant1_2441

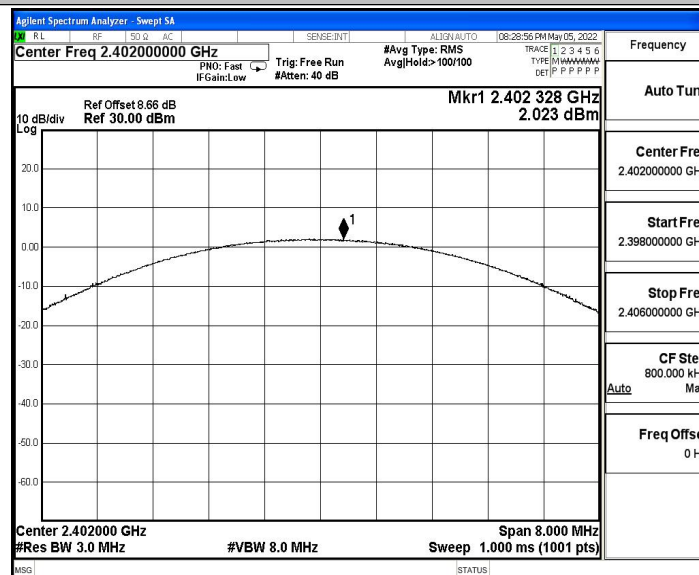


DH5_Ant1_2480



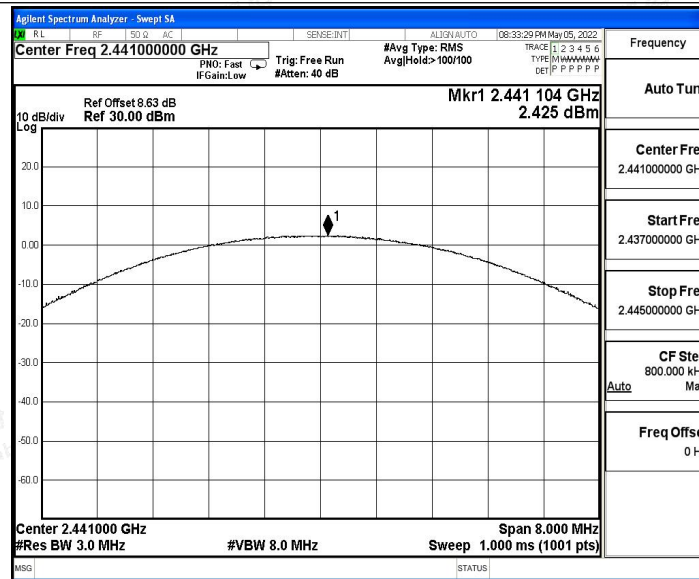


2DH5_Ant1_2402

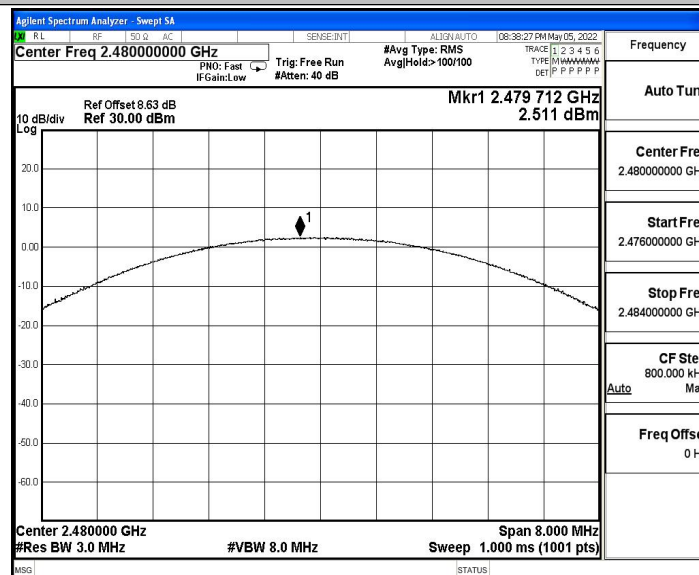


2DH5_Ant1_2441





2DH5_Ant1_2480





A.3 Carrier frequency separation

Test Result

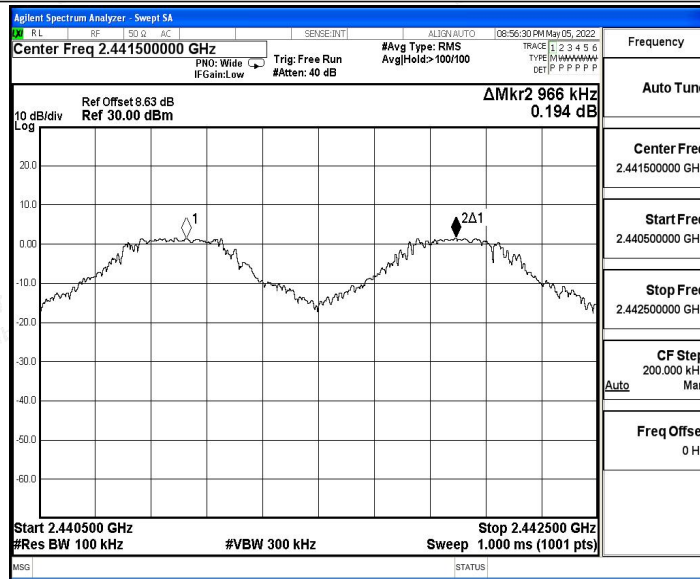
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.966	≥ 0.696	PASS
2DH5	Ant1	Hop	1.164	≥ 0.876	PASS



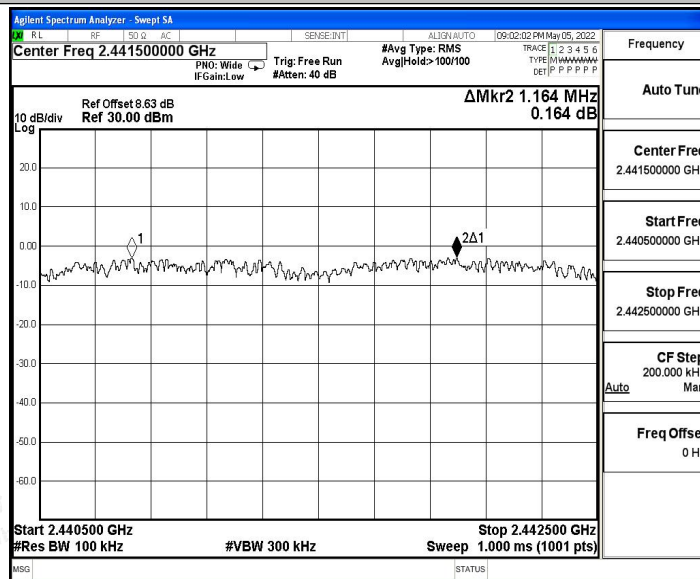


Test Graphs

DH5_Ant1_Hop



2DH5_Ant1_Hop





A.4 Time of occupancy

Test Result

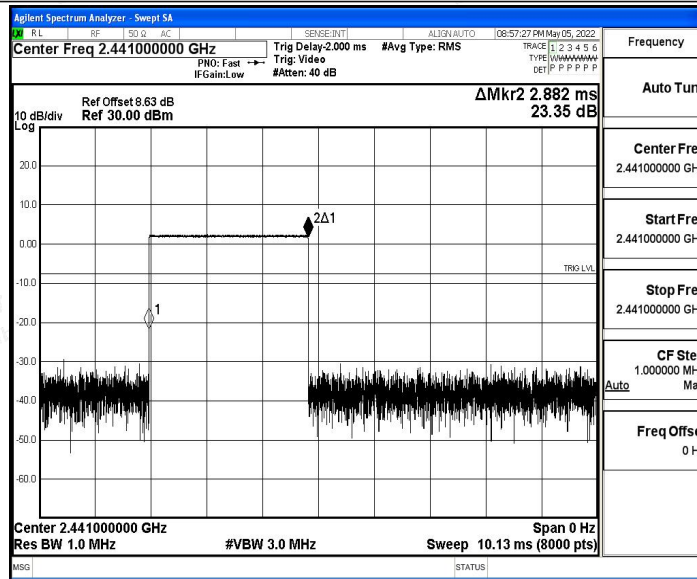
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	106.67	0.307	≤0.4	PASS
2DH5	Ant1	Hop	2.88	106.67	0.308	≤0.4	PASS



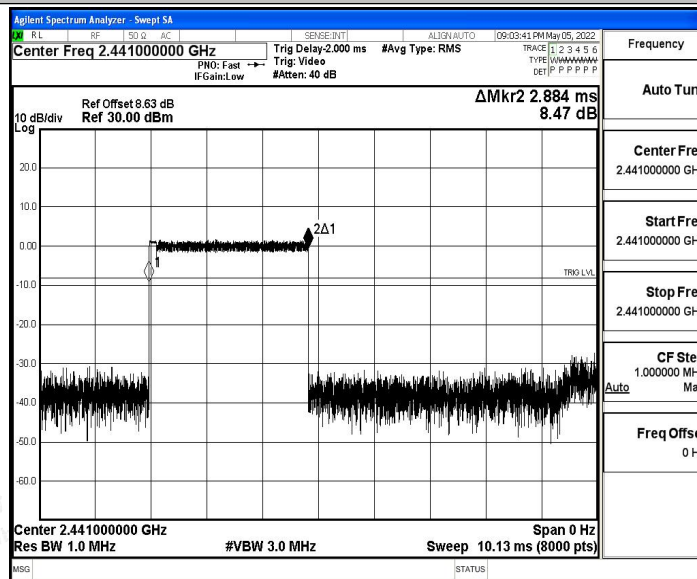


Test Graphs

DH5_Ant1_Hop



2DH5_Ant1_Hop





A.5 Number of hopping channels

Test Result

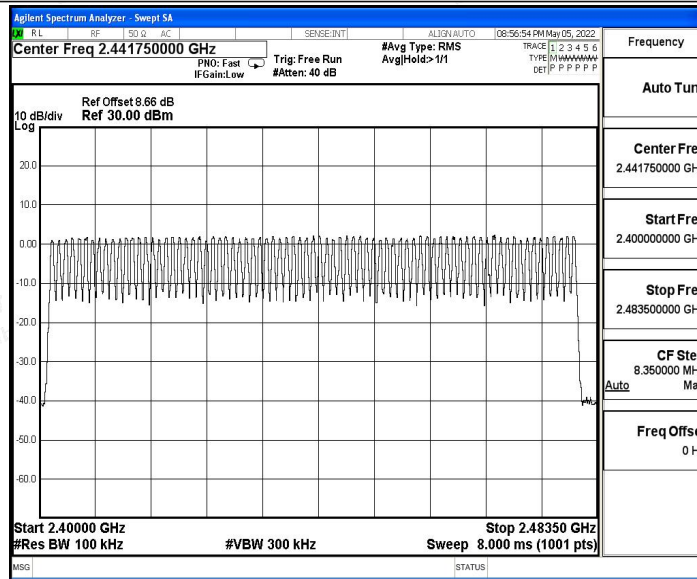
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS



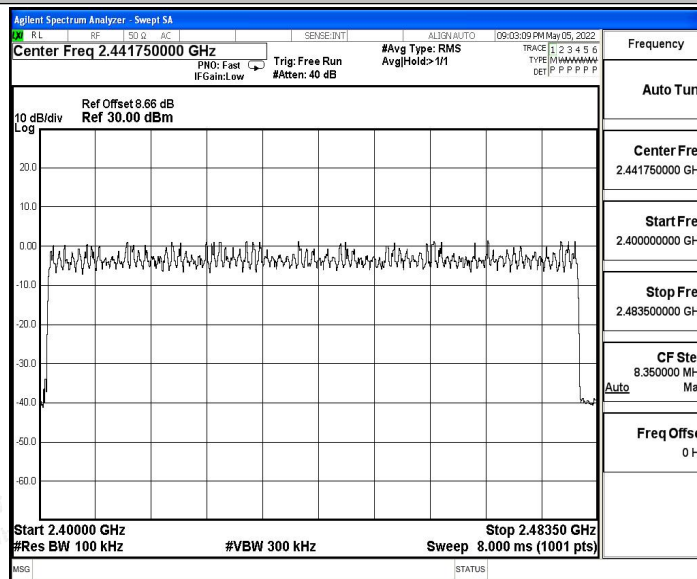


Test Graphs

DH5_Ant1_Hop



2DH5_Ant1_Hop





A.6 Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.36	-48.77	≤ -20.36	PASS
		High	2480	-0.87	-47.69	≤ -20.87	PASS
		Low	Hop_2402	1.06	-47.95	≤ -18.94	PASS
		High	Hop_2480	2.22	-47.68	≤ -17.78	PASS
2DH5	Ant1	Low	2402	-2.27	-48.61	≤ -22.27	PASS
		High	2480	1.00	-47.76	≤ -19	PASS
		Low	Hop_2402	-3.53	-49.15	≤ -23.53	PASS
		High	Hop_2480	-0.52	-47.83	≤ -20.52	PASS

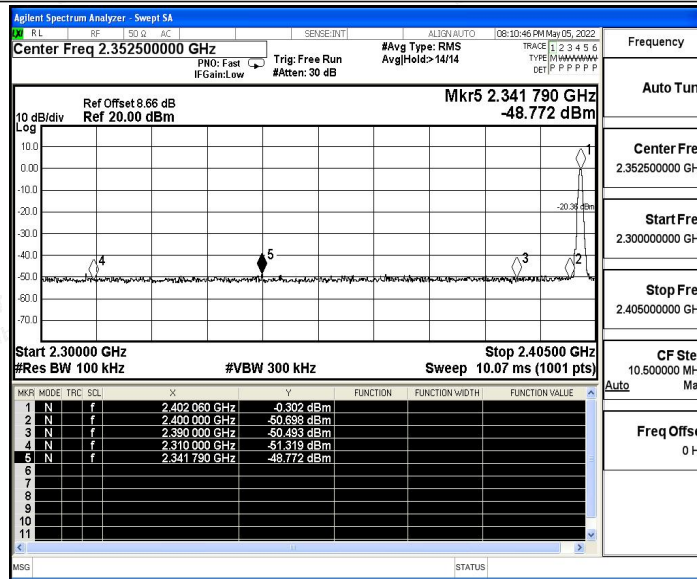


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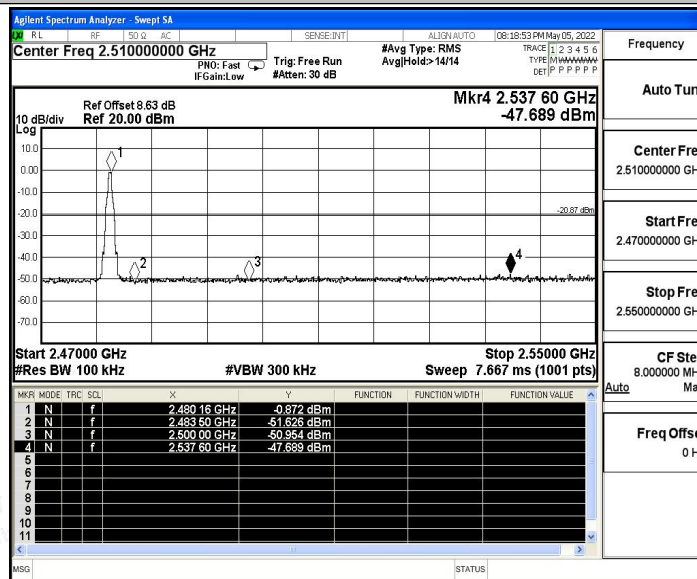


Test Graphs

DH5_Ant1_Low_2402

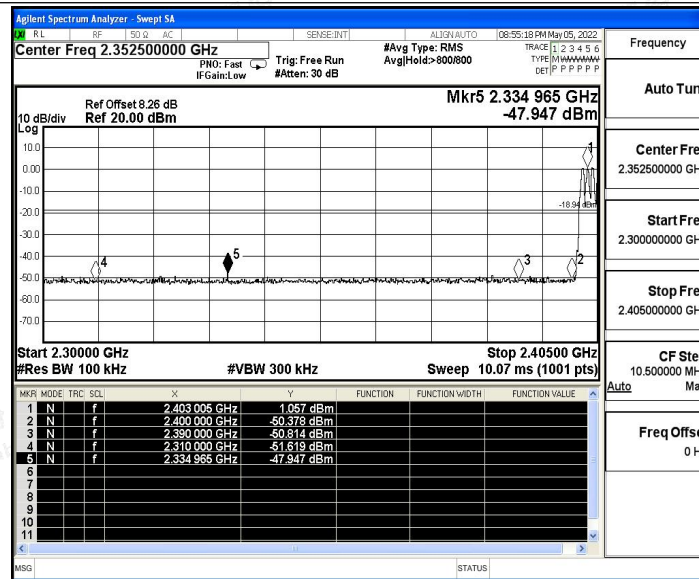


DH5_Ant1_High_2480

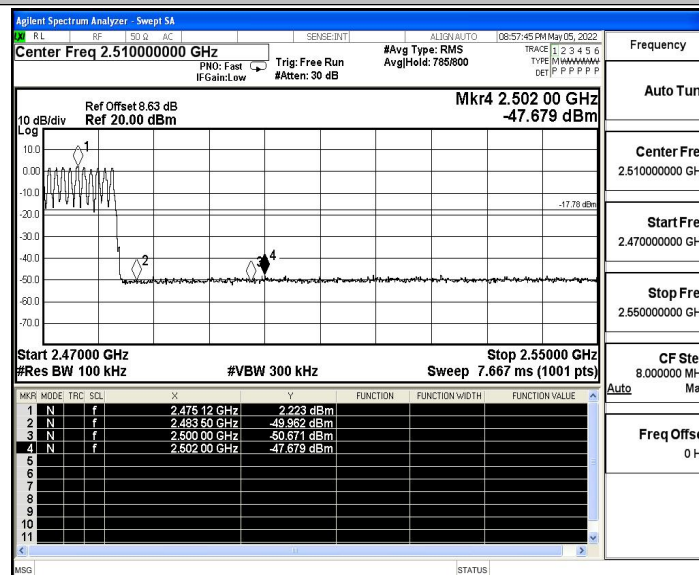


DH5_Ant1_Low_Hop_2402





DH5_Ant1_High_Hop_2480



2DH5_Ant1_Low_2402

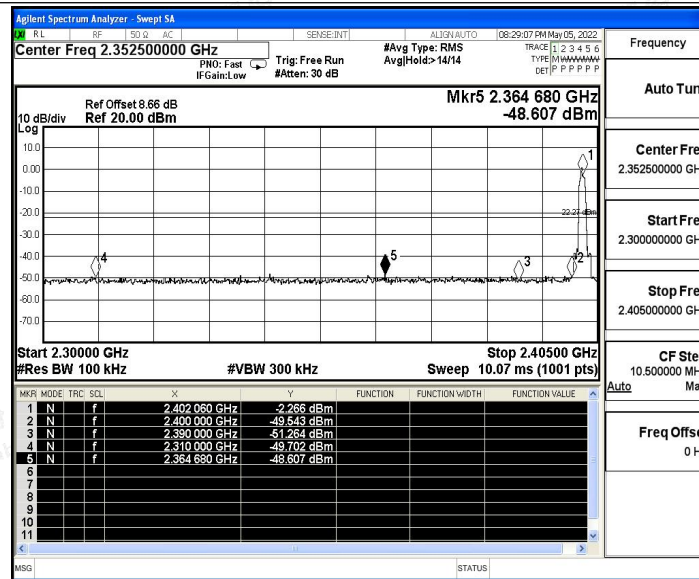


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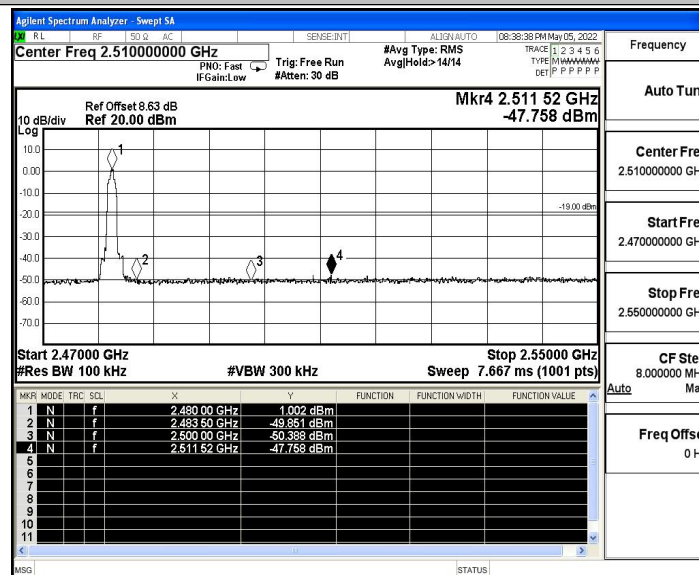
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2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402

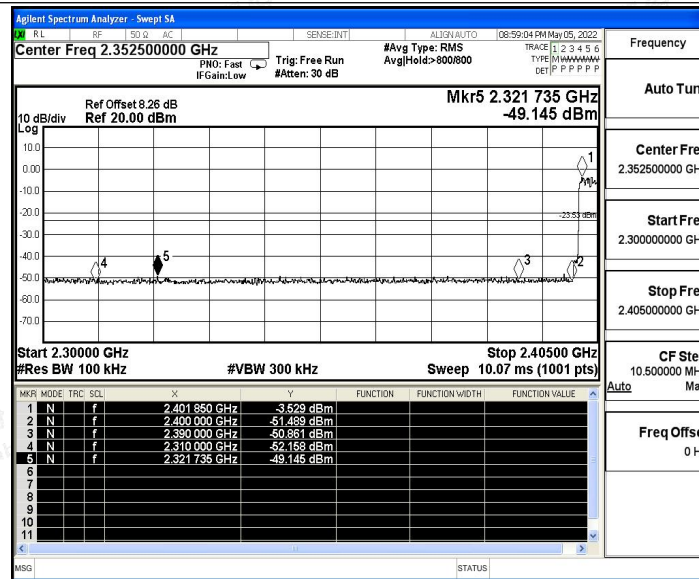


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2DH5_Ant1_High_Hop_2480

