



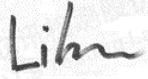
Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: JUKEBOX WITH CD PLAYER

Test Model: CRCD2860BT

Environmental Conditions

Temperature:	23.8 ° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	 Bill Zhu
Supervised by:	 Li Huan





A.1 20dB Emission Bandwidth

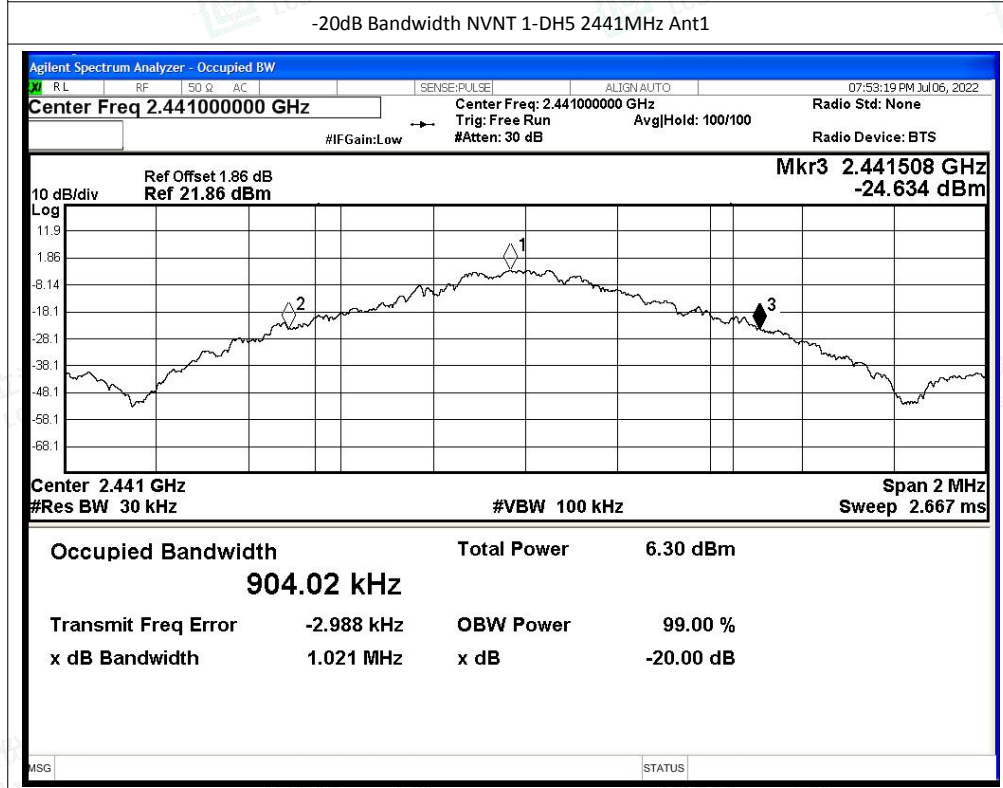
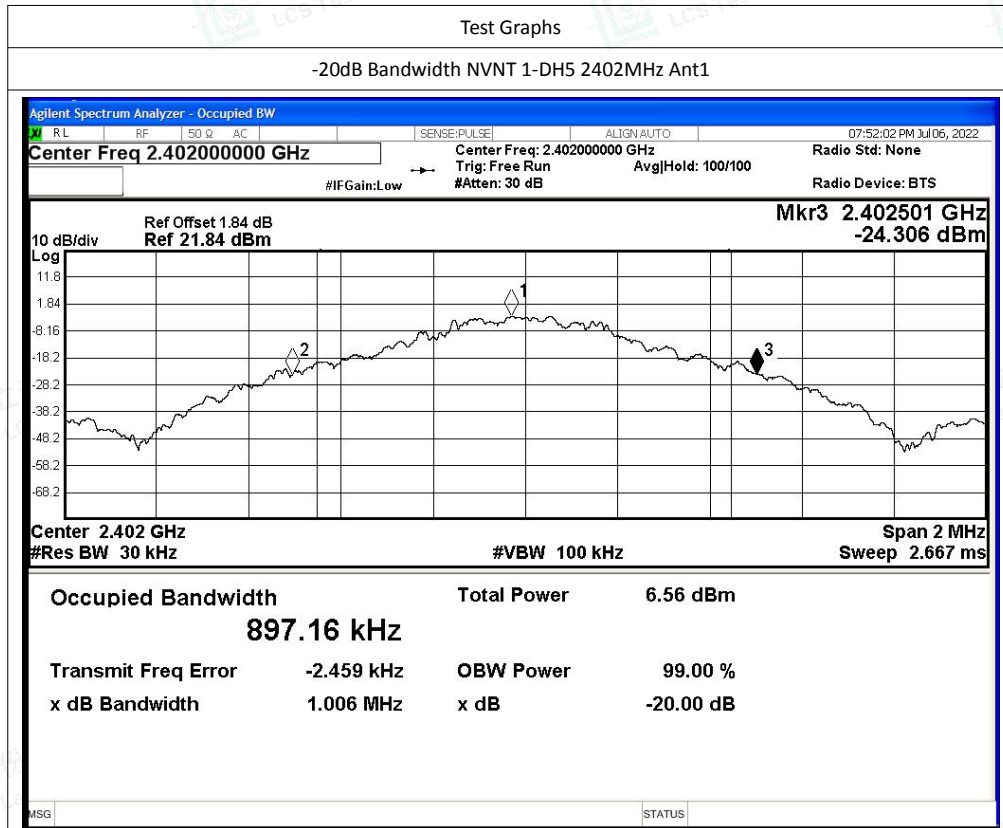
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]
DH5	Ant1	2402	1.006	2401.460	2402.498
		2441	1.021	2440.463	2441.492
		2480	1.022	2479.523	2480.498
2DH5	Ant1	2402	1.316	2401.361	2402.654
		2441	1.28	2440.334	2441.660
		2480	1.321	2479.361	2480.651
3DH5	Ant1	2402	1.299	2401.340	2402.657
		2441	1.297	2440.346	2441.651
		2480	1.294	2479.343	2480.657



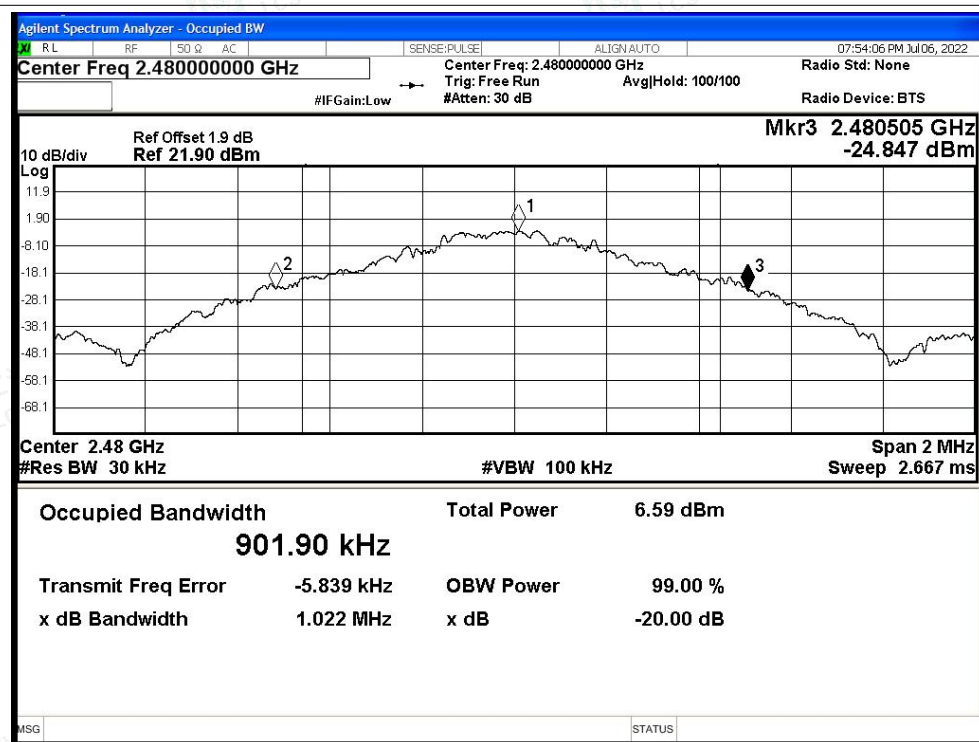


Test Graphs

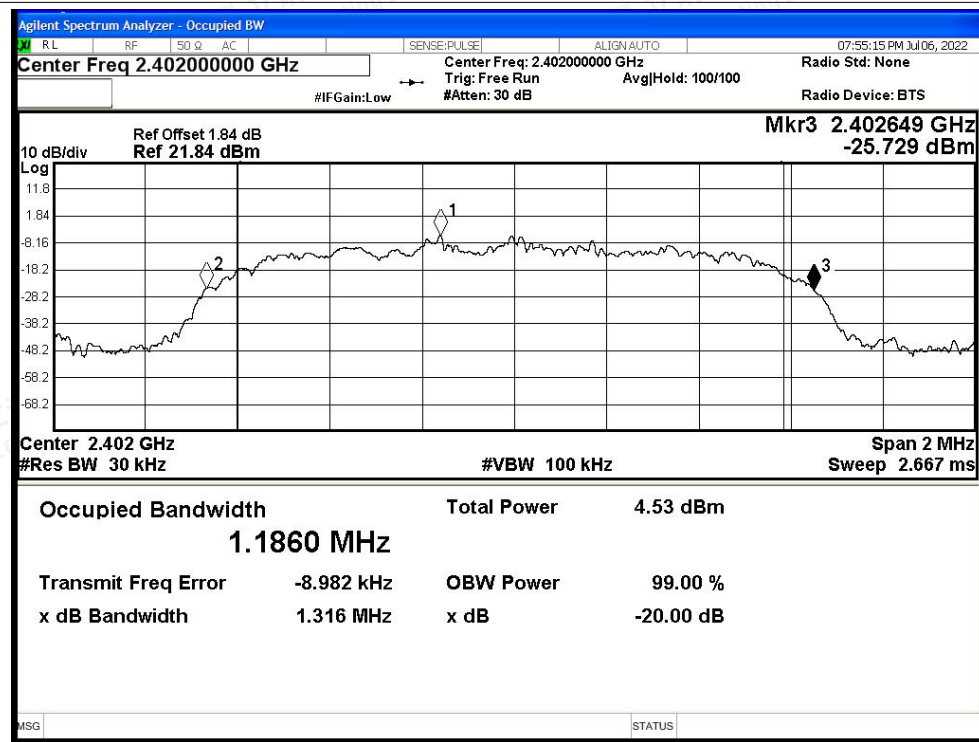




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



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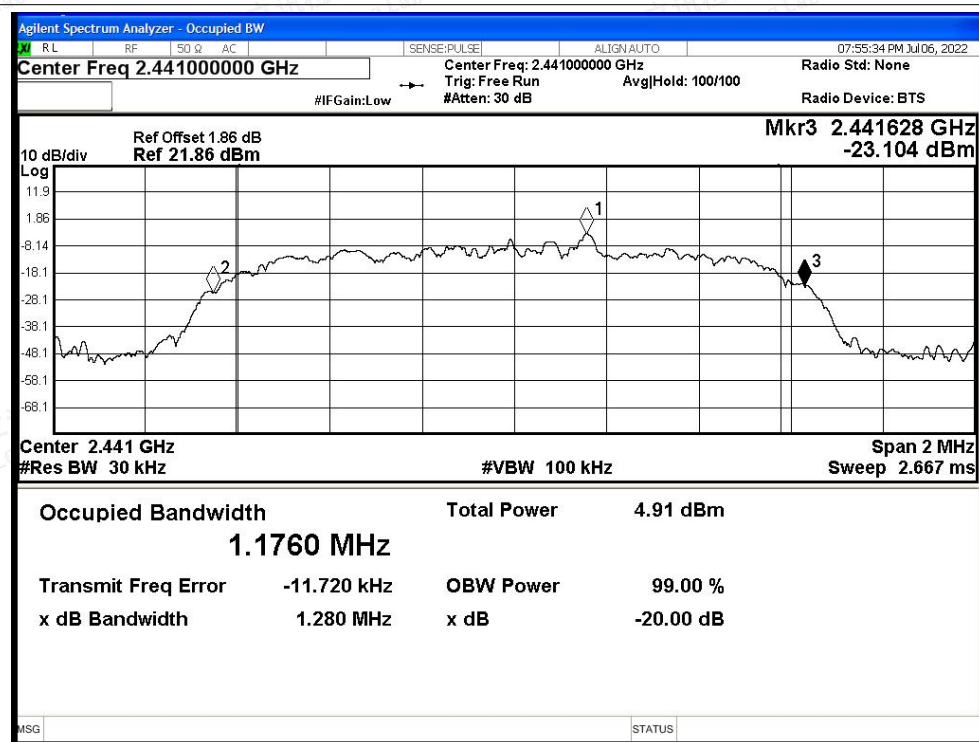
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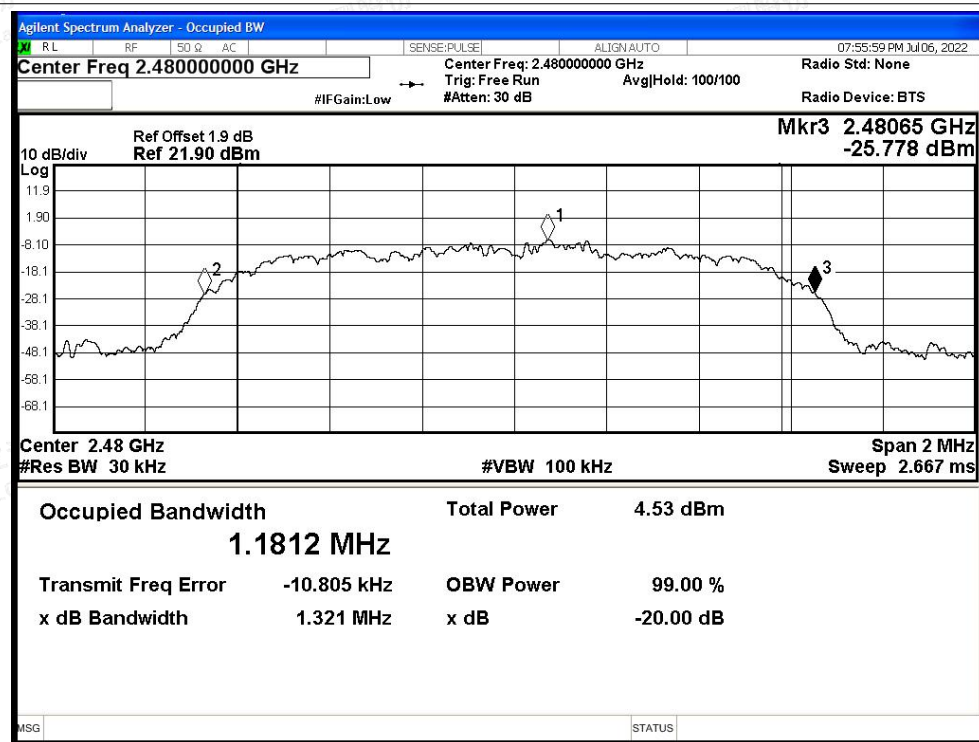
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-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

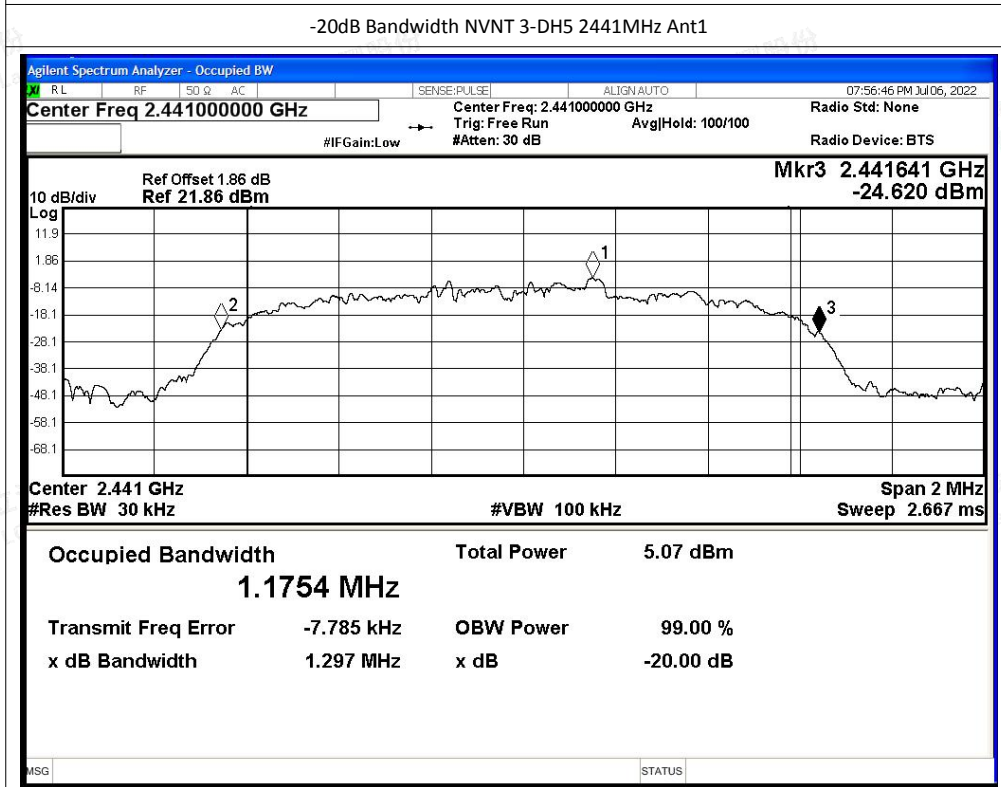
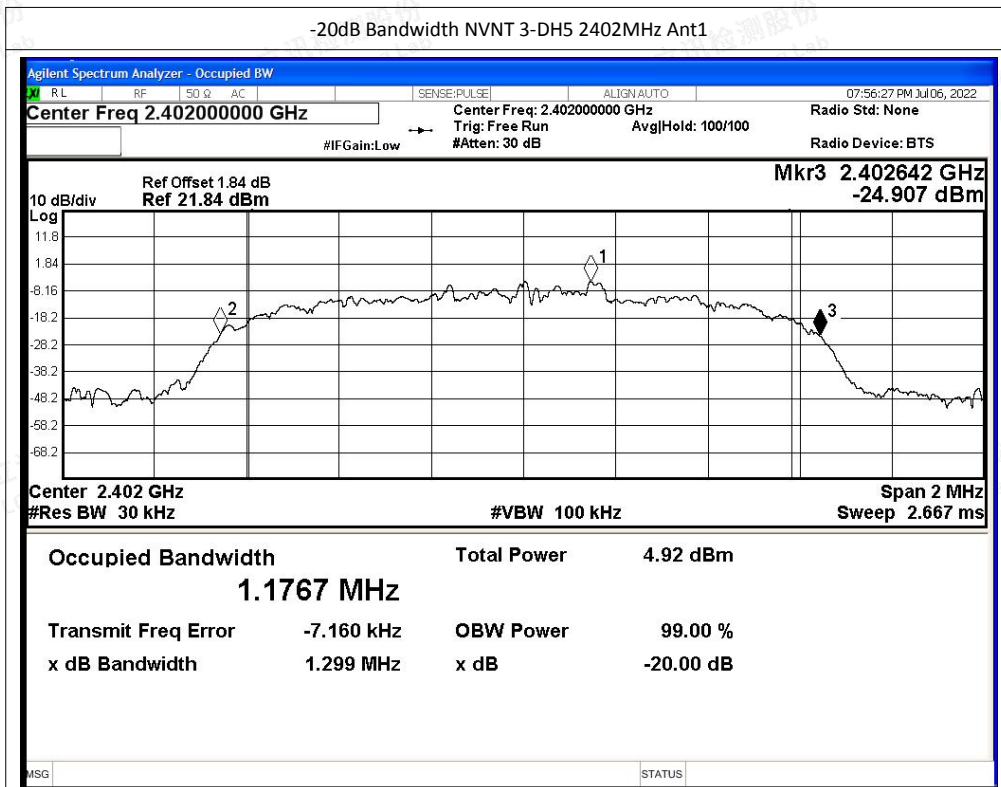


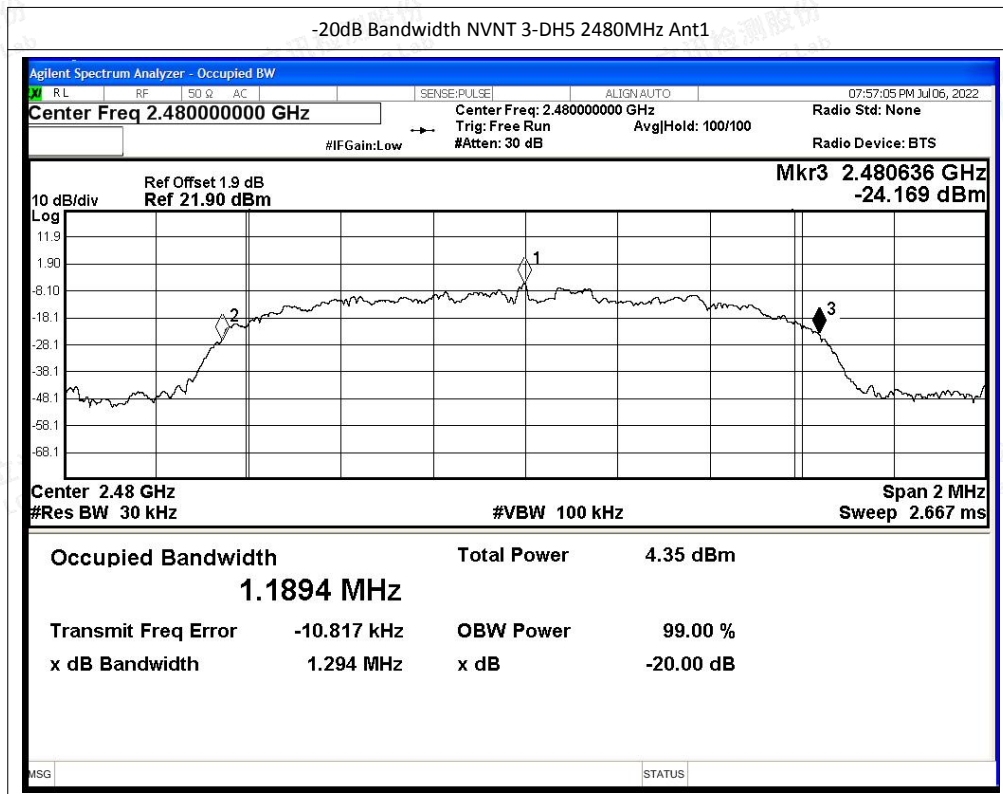
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A.2 Maximum peak conducted output power

Test Result

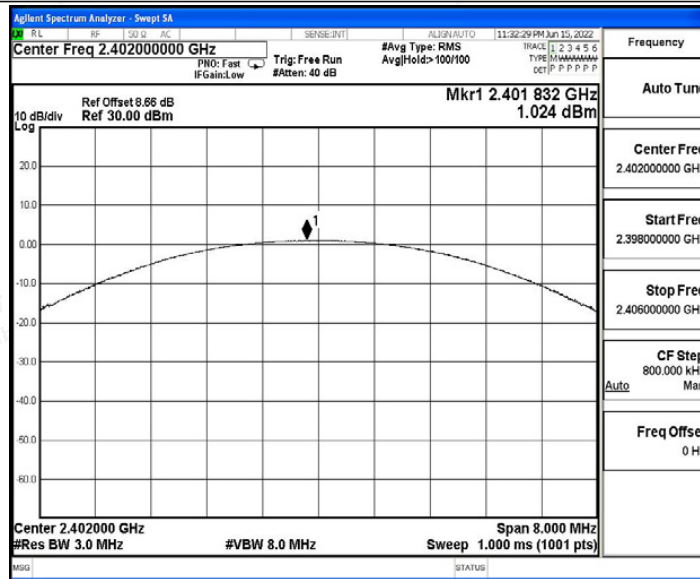
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.02	≤20.97	PASS
		2441	1.55	≤20.97	PASS
		2480	2.11	≤20.97	PASS
2DH5	Ant1	2402	0.69	≤20.97	PASS
		2441	1.41	≤20.97	PASS
		2480	1.99	≤20.97	PASS
3DH5	Ant1	2402	0.91	≤20.97	PASS
		2441	1.53	≤20.97	PASS
		2480	2.11	≤20.97	PASS



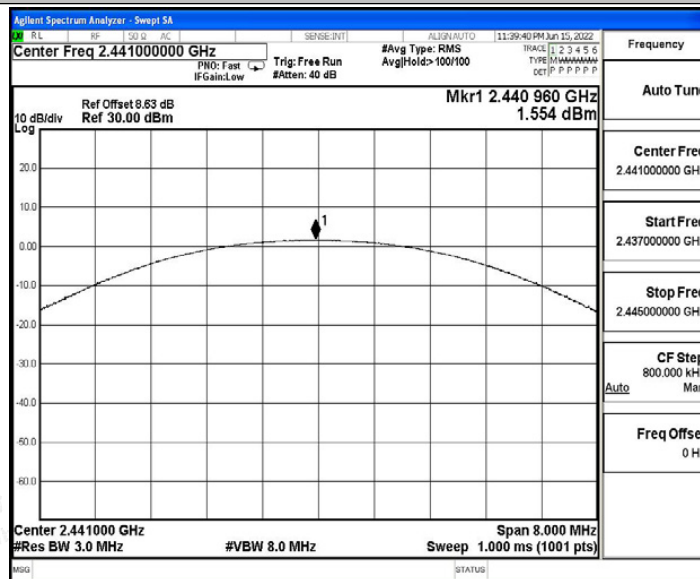


Test Graphs

DH5_Ant1_2402

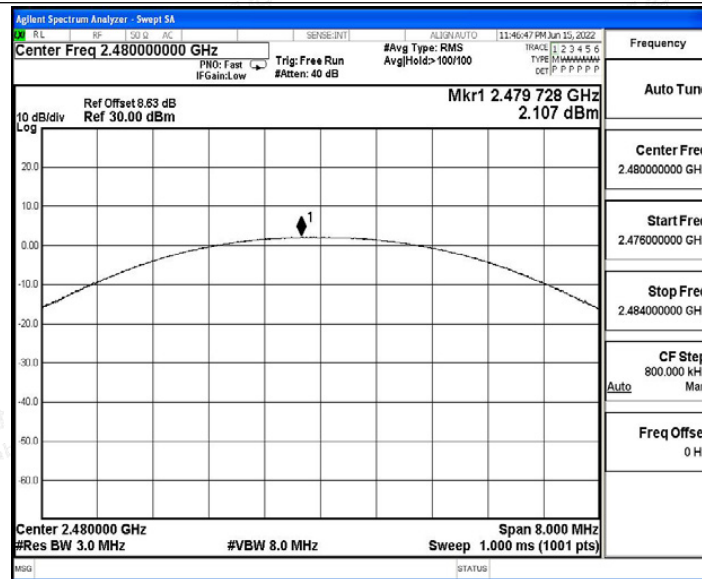


DH5_Ant1_2441

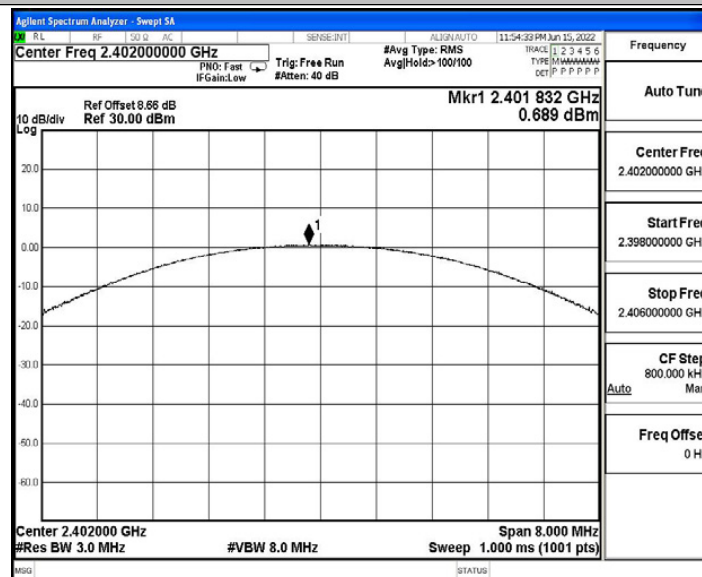


DH5_Ant1_2480



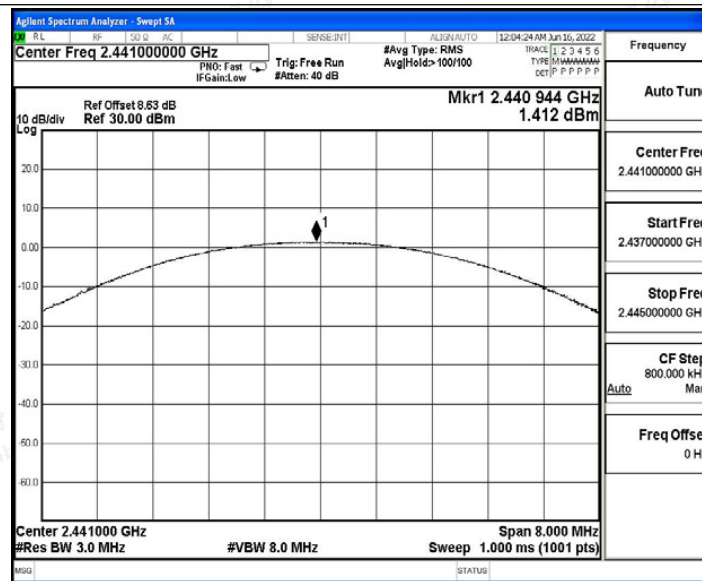


2DH5_Ant1_2402

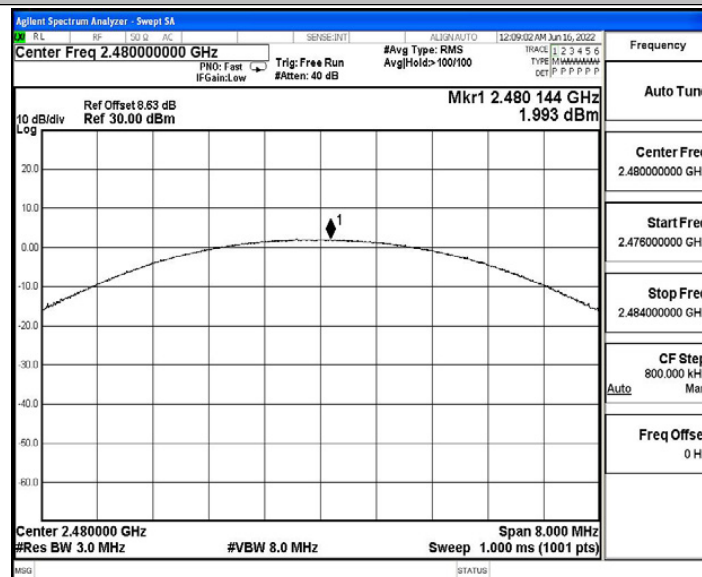


2DH5_Ant1_2441



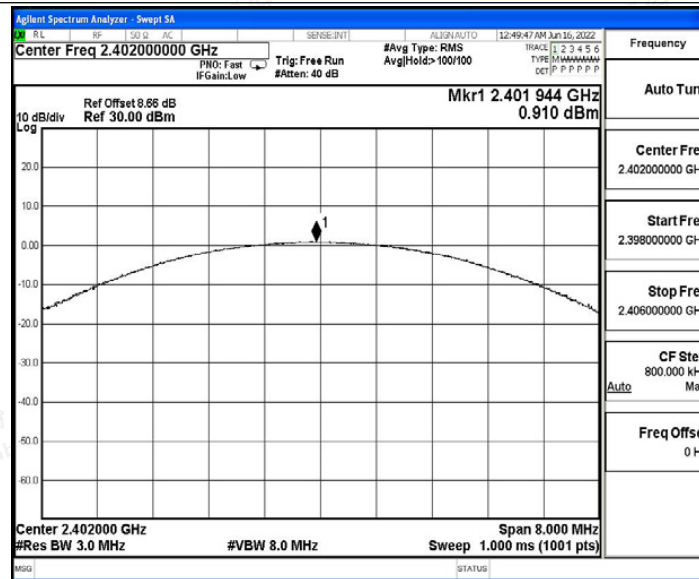


2DH5_Ant1_2480

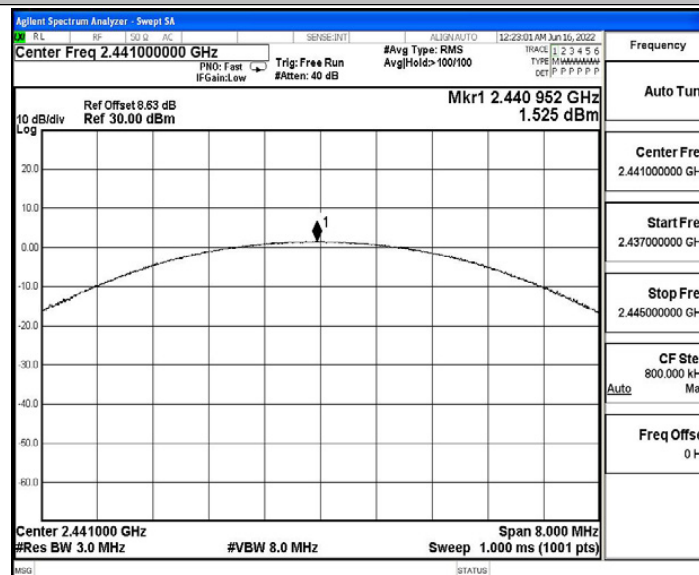


3DH5_Ant1_2402



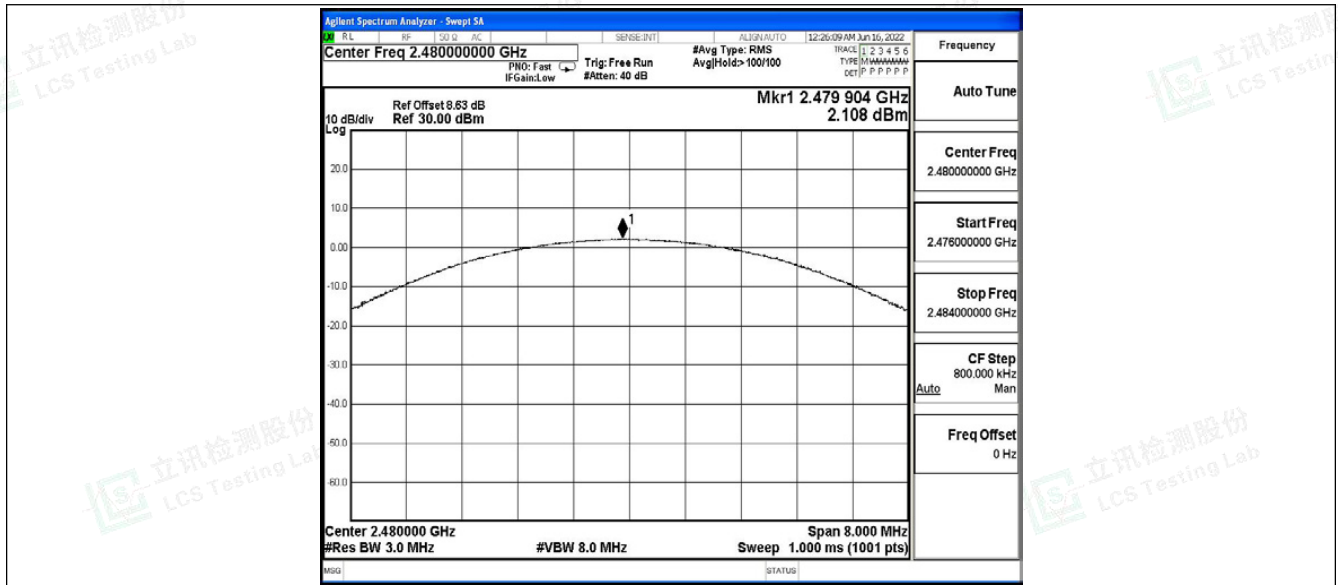


3DH5_Ant1_2441



3DH5_Ant1_2480







A.3 Carrier frequency separation

Test Result

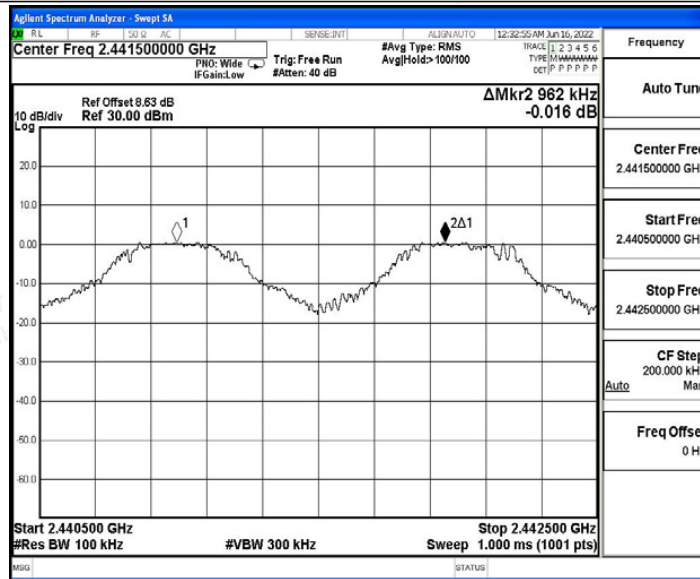
TestMode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	Hop	0.962	≥0.692	PASS
2DH5	Ant1	Hop	0.988	≥0.884	PASS
3DH5	Ant1	Hop	1.24	≥0.878	PASS



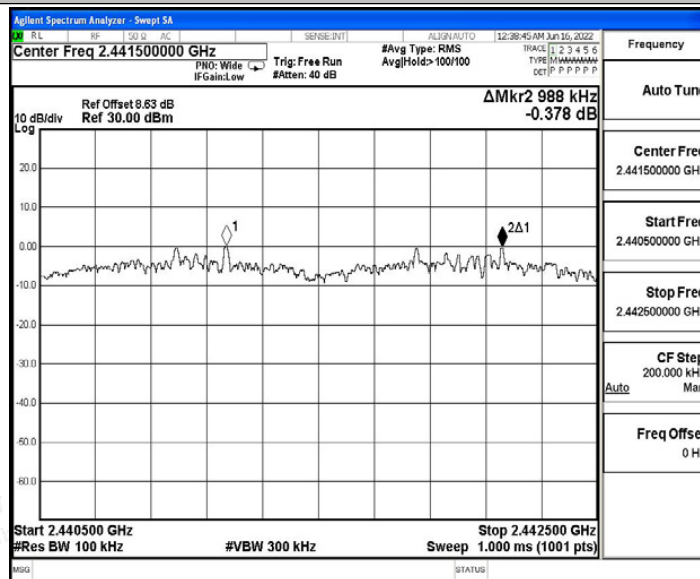


Test Graphs

DH5_Ant1_Hop

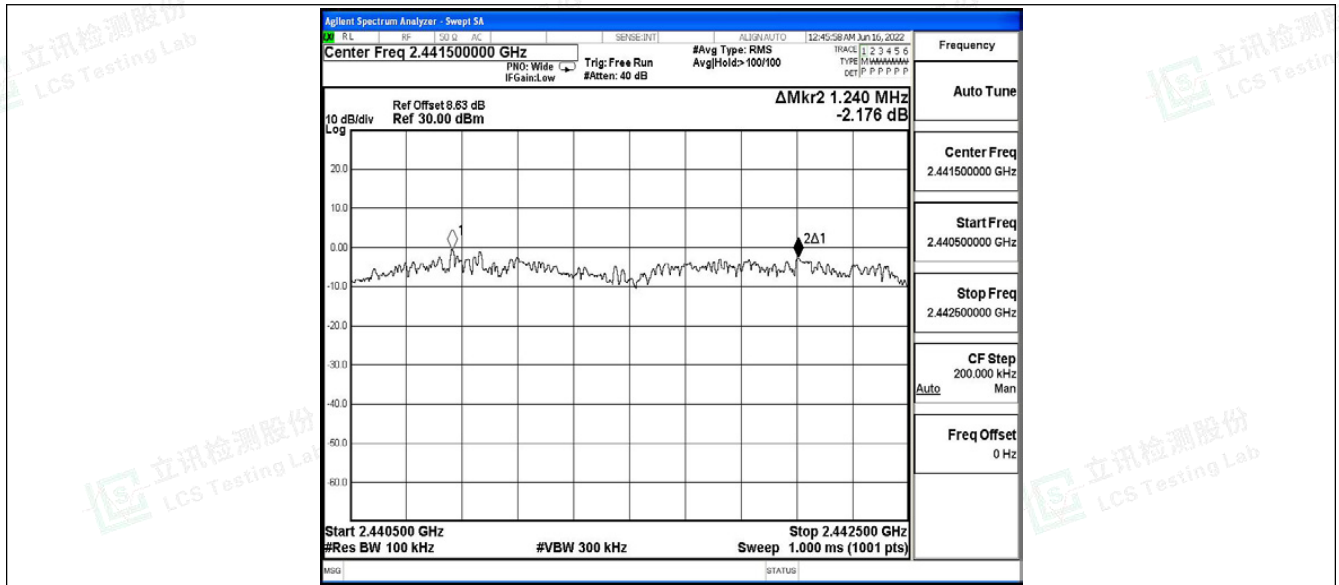


2DH5_Ant1_Hop



3DH5_Ant1_Hop







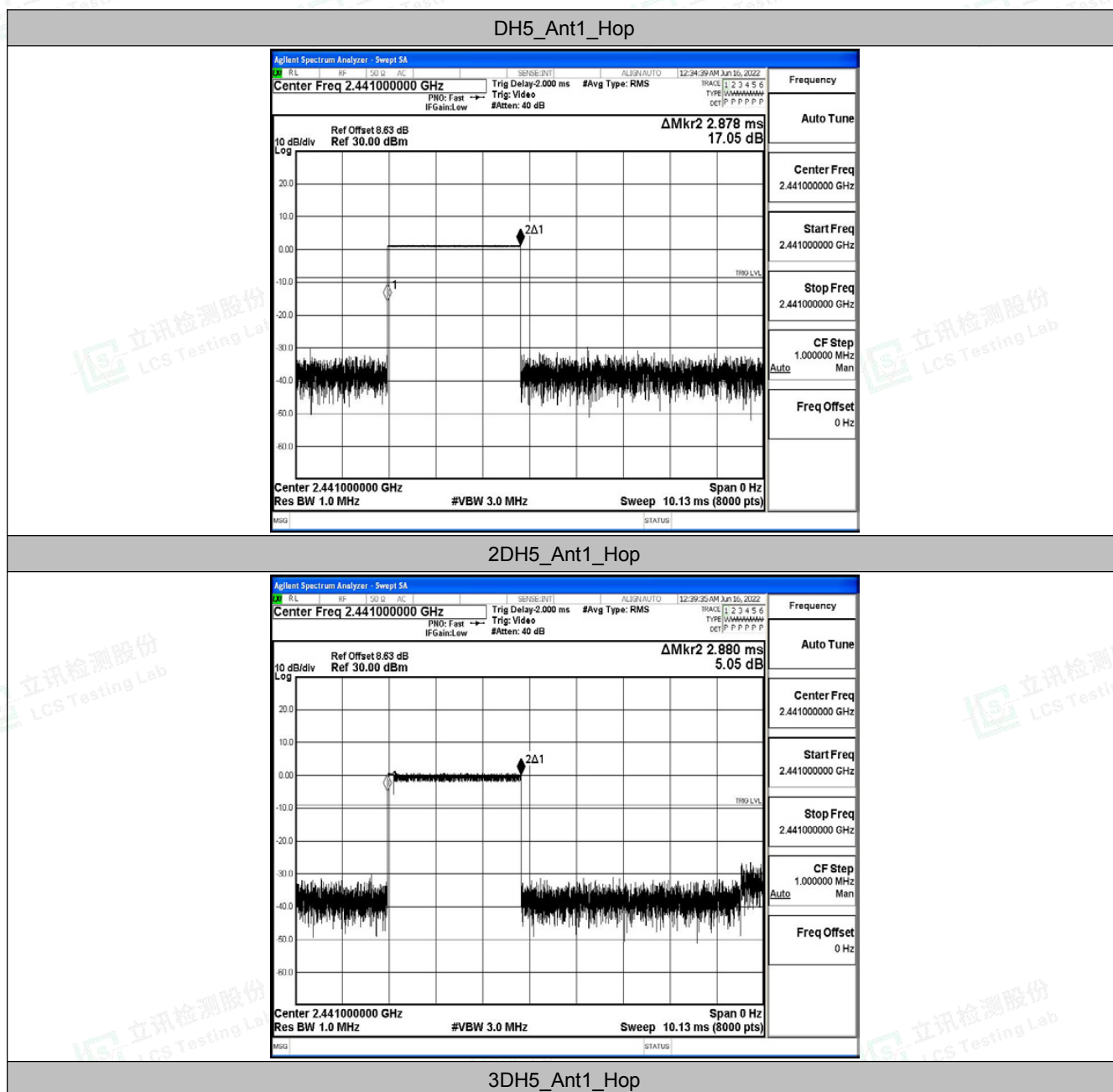
A.4 Time of occupancy

Test Result

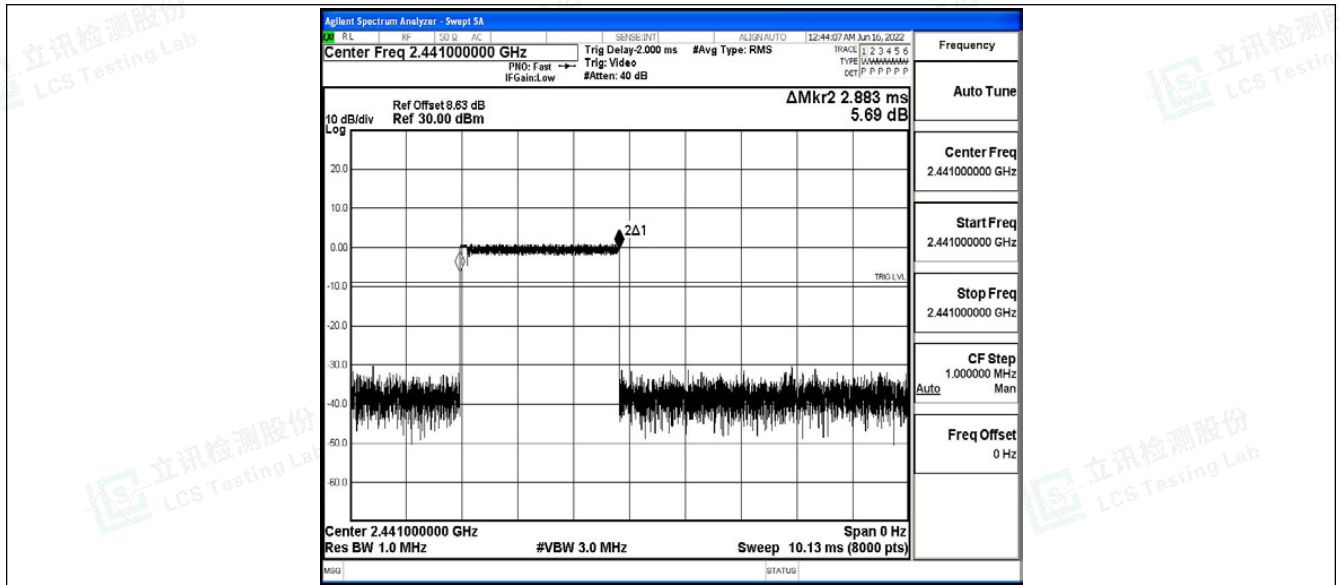
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	106.67	0.307	≤0.4	PASS
2DH5	Ant1	Hop	2.88	106.67	0.307	≤0.4	PASS
3DH5	Ant1	Hop	2.88	106.67	0.308	≤0.4	PASS



Test Graphs



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A.5 Number of hopping channels

Test Result

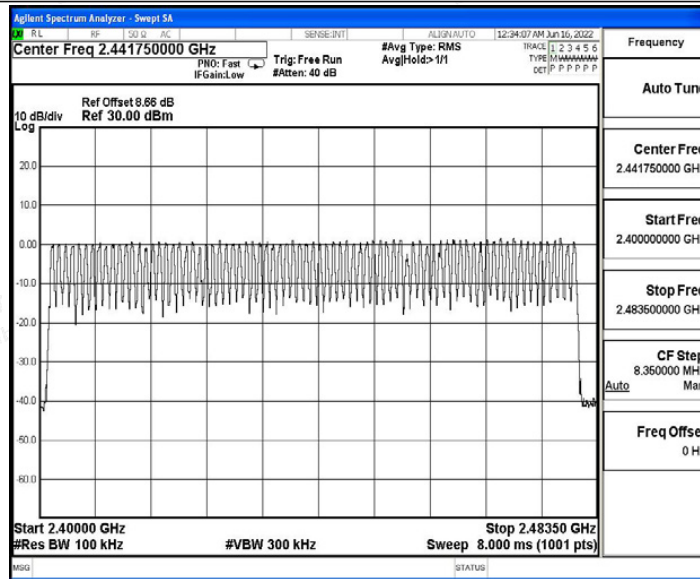
TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS



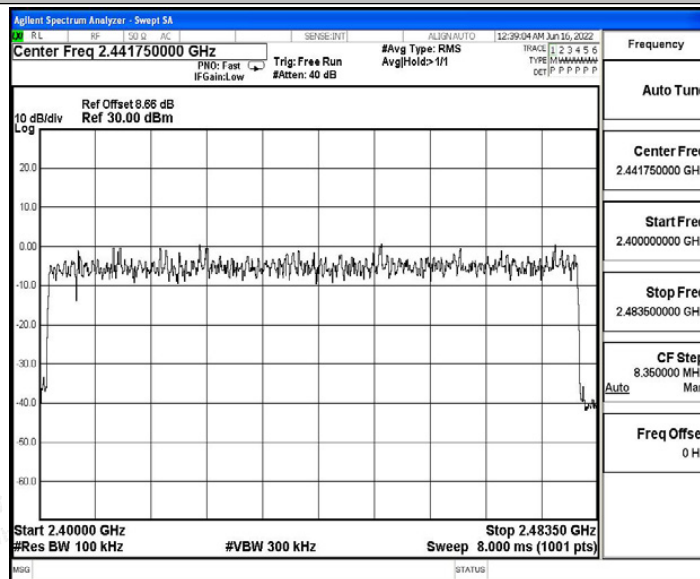


Test Graphs

DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





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A.6 Band edge measurements

Test Result

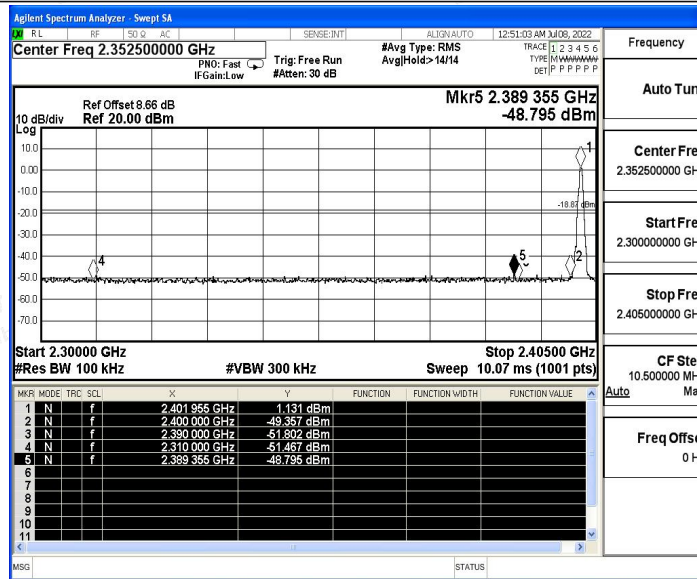
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.13	-48.8	≤ -18.87	PASS
		High	2480	1.07	-47.87	≤ -18.93	PASS
		Low	Hop_2402	0.03	-49.22	≤ -19.97	PASS
		High	Hop_2480	0.85	-47.97	≤ -19.15	PASS
2DH5	Ant1	Low	2402	0.34	-48.23	≤ -19.66	PASS
		High	2480	-0.16	-48.17	≤ -20.16	PASS
		Low	Hop_2402	-3.20	-49.23	≤ -23.2	PASS
		High	Hop_2480	0.27	-47.6	≤ -19.73	PASS
3DH5	Ant1	Low	2402	0.37	-48.92	≤ -19.63	PASS
		High	2480	0.20	-47.87	≤ -19.8	PASS
		Low	Hop_2402	-1.16	-48.77	≤ -21.16	PASS
		High	Hop_2480	-0.21	-47.72	≤ -20.21	PASS



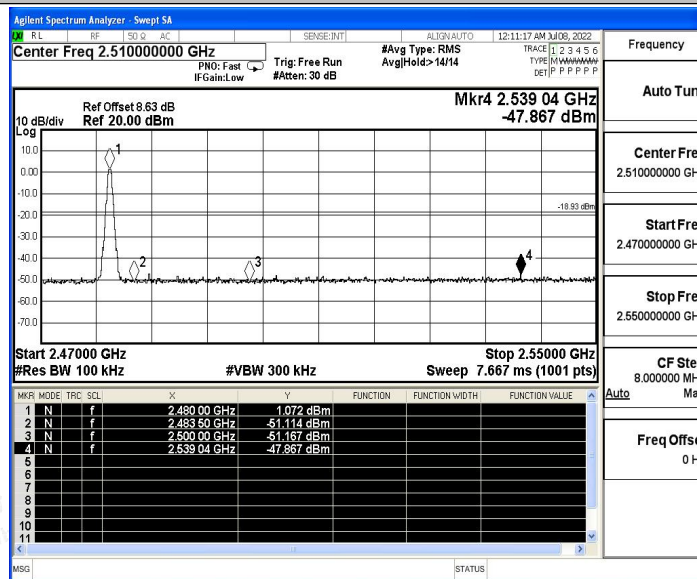


Test Graphs

DH5_Ant1_Low_2402

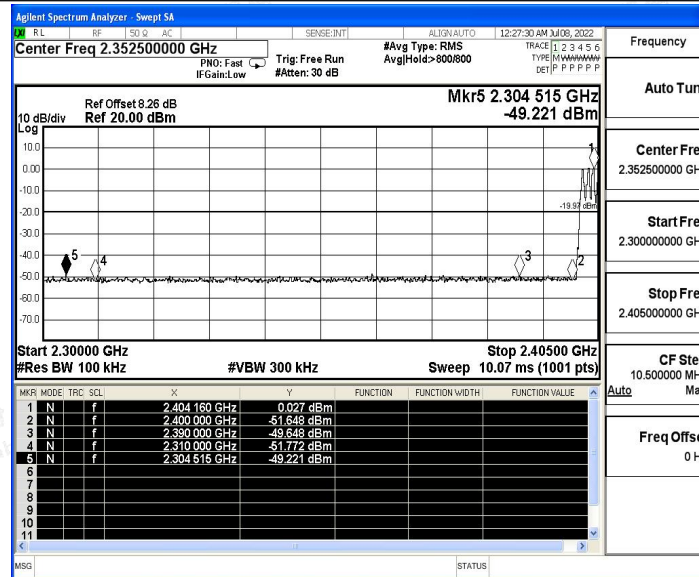


DH5_Ant1_High_2480

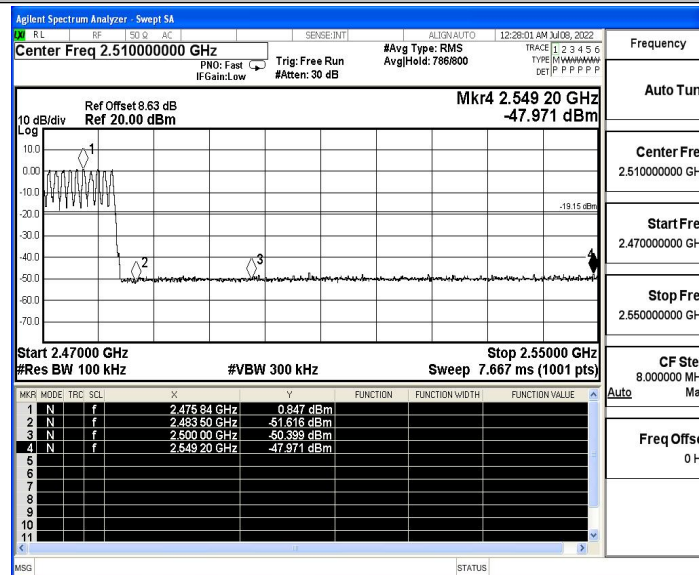


DH5_Ant1_Low_Hop_2402



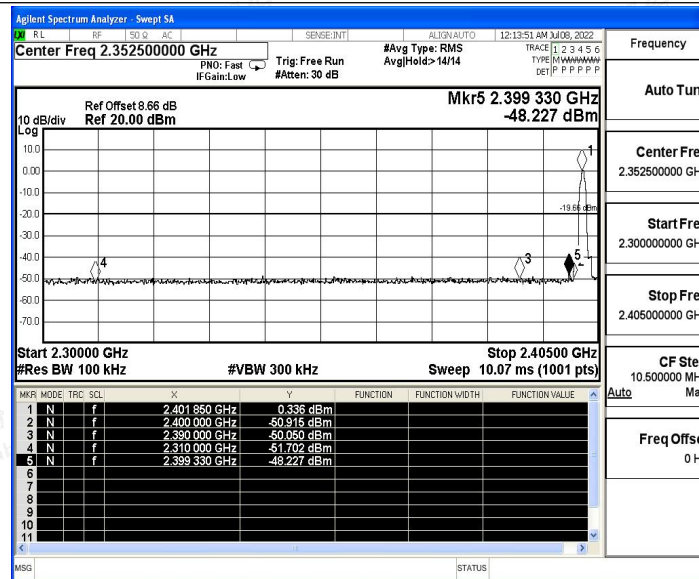


DH5_Ant1_High_Hop_2480

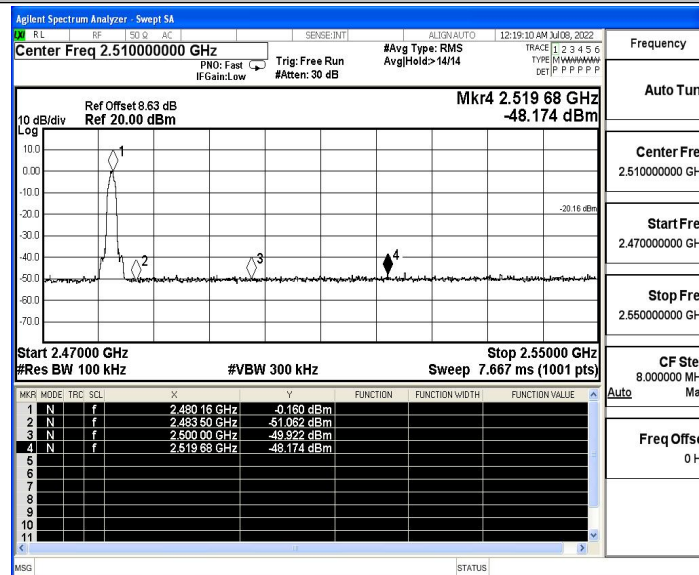


2DH5_Ant1_Low_2402



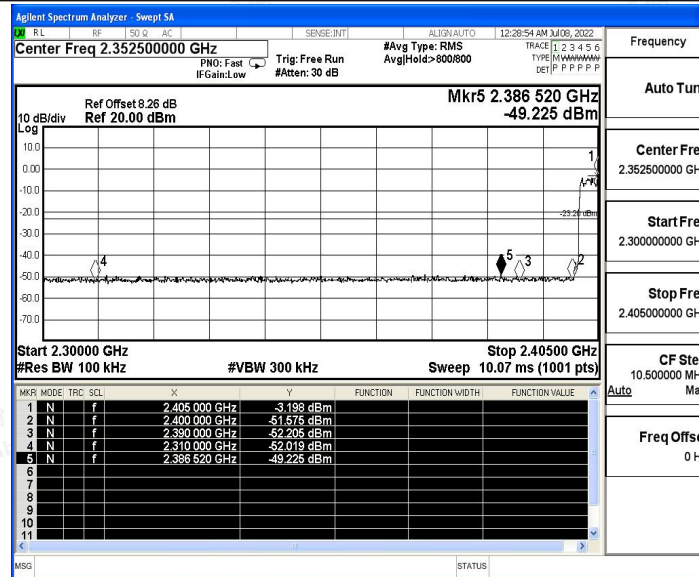


2DH5_Ant1_High_2480

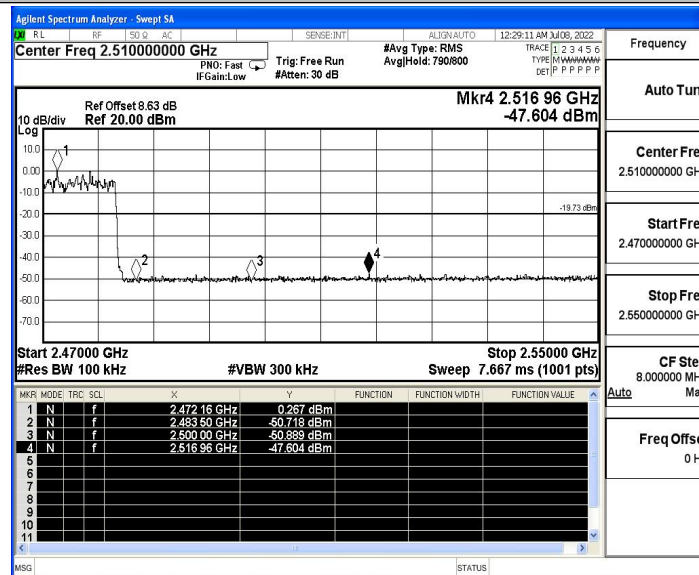


2DH5_Ant1_Low_Hop_2402



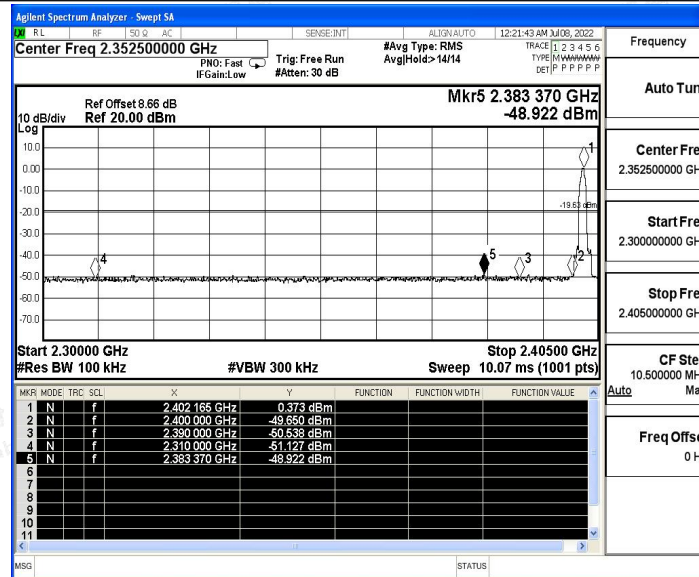


2DH5_Ant1_High_Hop_2480

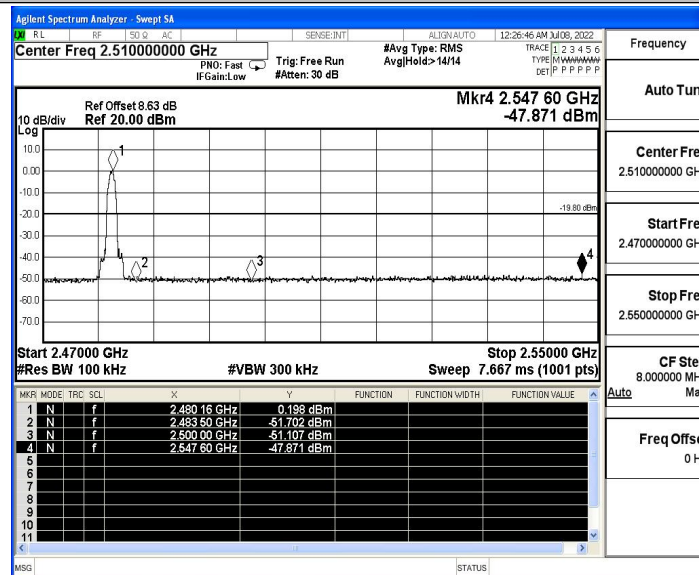


3DH5_Ant1_Low_2402



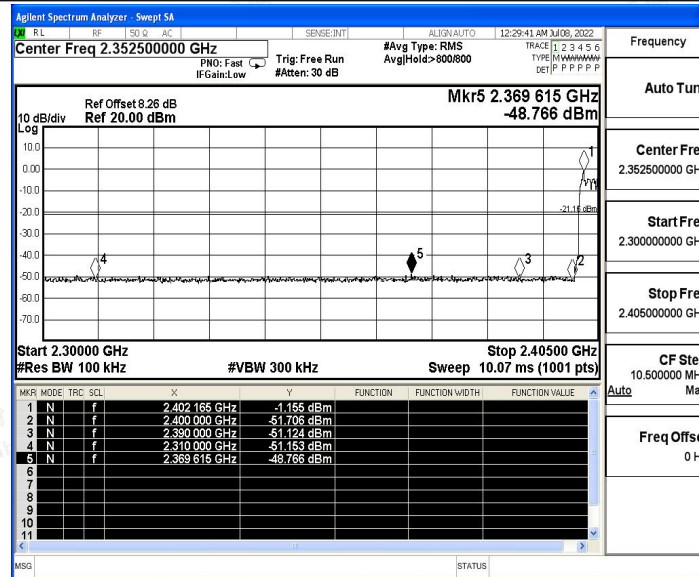


3DH5_Ant1_High_2480

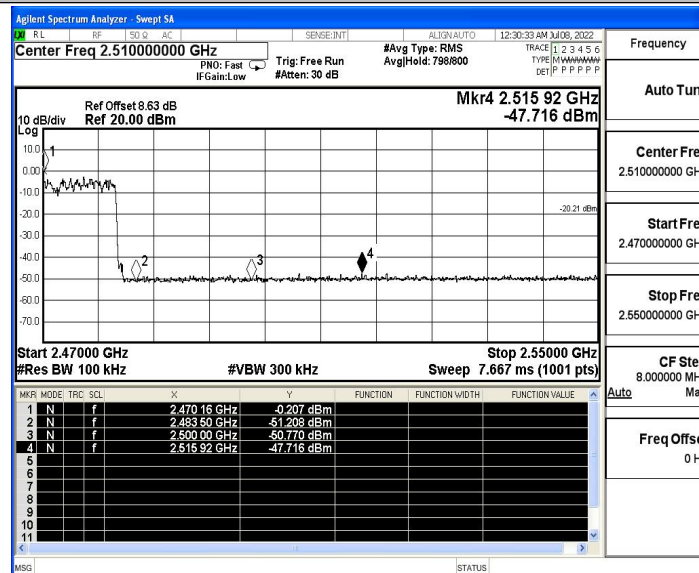


3DH5_Ant1_Low_Hop_2402





3DH5_Ant1_High_Hop_2480



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A.7 Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	1.16	1.16	---	PASS
			30~1000	1.16	-60.54	≤-18.84	PASS
			1000~26500	1.16	-46.14	≤-18.84	PASS
		2441	Reference	1.11	1.11	---	PASS
			30~1000	1.11	-60.28	≤-18.89	PASS
			1000~26500	1.11	-44.53	≤-18.89	PASS
		2480	Reference	1.06	1.06	---	PASS
			30~1000	1.06	-59.91	≤-18.94	PASS
			1000~26500	1.06	-45.59	≤-18.94	PASS
2DH5	Ant1	2402	Reference	0.15	0.15	---	PASS
			30~1000	0.15	-60.29	≤-19.85	PASS
			1000~26500	0.15	-46.03	≤-19.85	PASS
		2441	Reference	0.14	0.14	---	PASS
			30~1000	0.14	-60.75	≤-19.86	PASS
			1000~26500	0.14	-45.37	≤-19.86	PASS
		2480	Reference	0.20	0.20	---	PASS
			30~1000	0.20	-59.99	≤-19.8	PASS
			1000~26500	0.20	-45.92	≤-19.8	PASS
3DH5	Ant1	2402	Reference	0.29	0.29	---	PASS
			30~1000	0.29	-60.4	≤-19.71	PASS
			1000~26500	0.29	-45.68	≤-19.71	PASS
		2441	Reference	0.05	0.05	---	PASS
			30~1000	0.05	-60.01	≤-19.95	PASS
			1000~26500	0.05	-45.25	≤-19.95	PASS
		2480	Reference	-0.21	-0.21	---	PASS
			30~1000	-0.21	-60.36	≤-20.21	PASS
			1000~26500	-0.21	-45.6	≤-20.21	PASS



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