



Appendix C

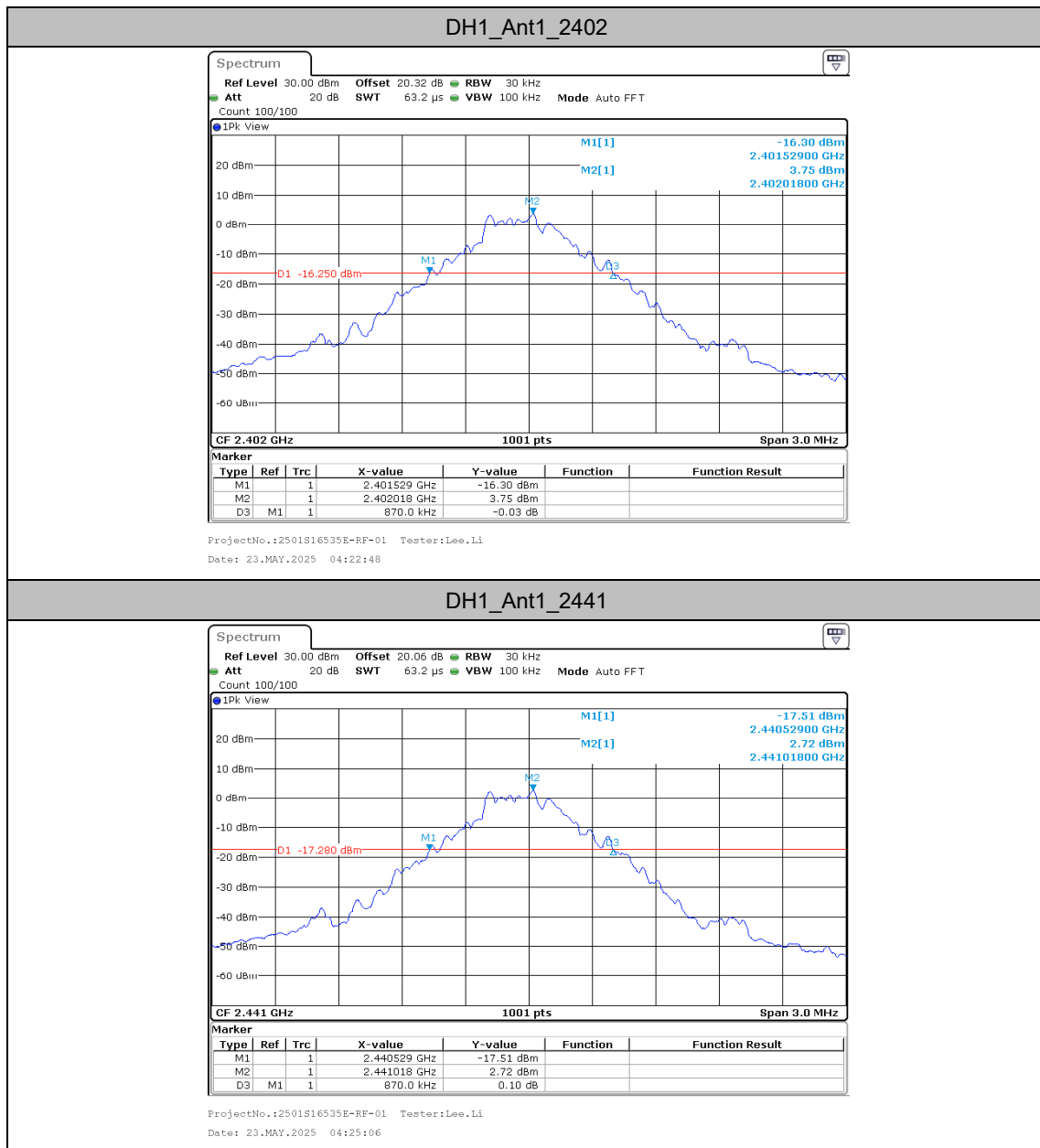
Project No.:	2501S16535E-RF
EUT Number:	314T-1
Operating Mode:	Transmitting
Test Conditions:	Temperature: <u>25~26.8</u> °C Relative Humidity: <u>45~52</u> % ATM Pressure: <u>101</u> kPa
Test Engineer:	Lee Li
Test Date:	2025.5.23~2025.5.29

20dB Emission Bandwidth

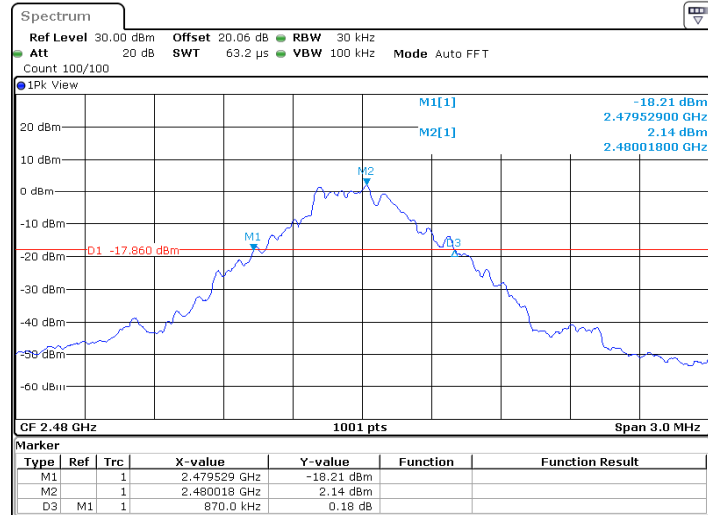
Test Result

Test Mode	Antenna	Frequency [MHz]	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.870	2401.529	2402.399	---	---
		2441	0.870	2440.529	2441.399	---	---
		2480	0.870	2479.529	2480.399	---	---
2DH1	Ant1	2402	1.260	2401.343	2402.603	---	---
		2441	1.257	2440.343	2441.600	---	---
		2480	1.257	2479.343	2480.600	---	---
3DH1	Ant1	2402	1.215	2401.382	2402.597	---	---
		2441	1.245	2440.352	2441.597	---	---
		2480	1.248	2479.349	2480.597	---	---

Test Graph

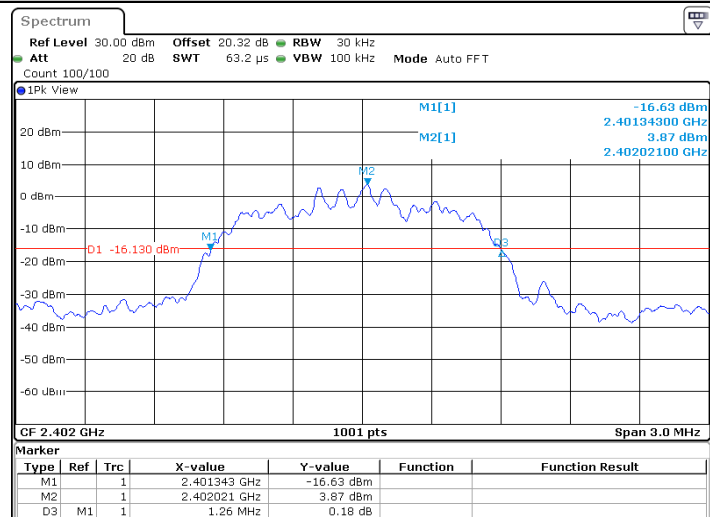


DH1_Ant1_2480



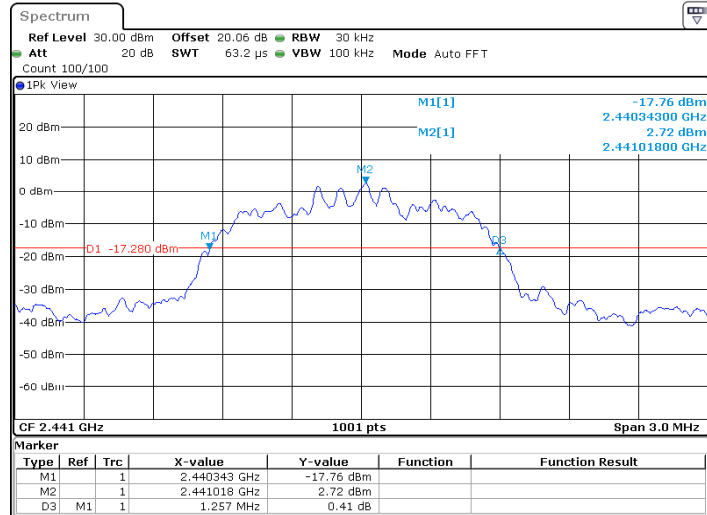
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:27:51

2DH1_Ant1_2402



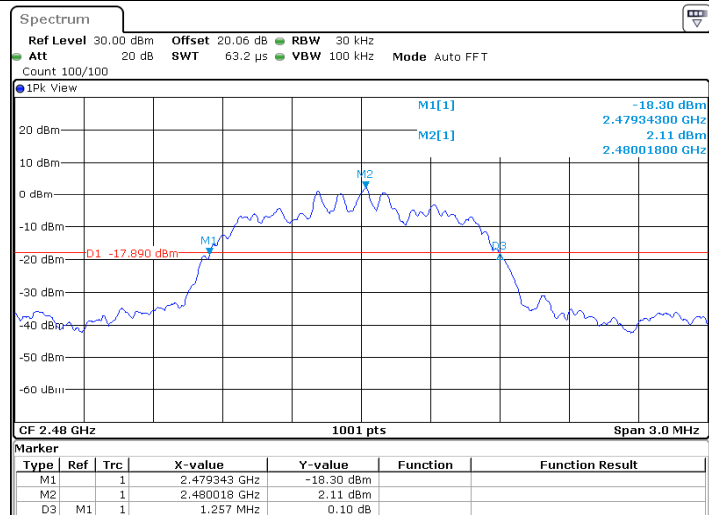
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:30:02

2DH1_Ant1_2441



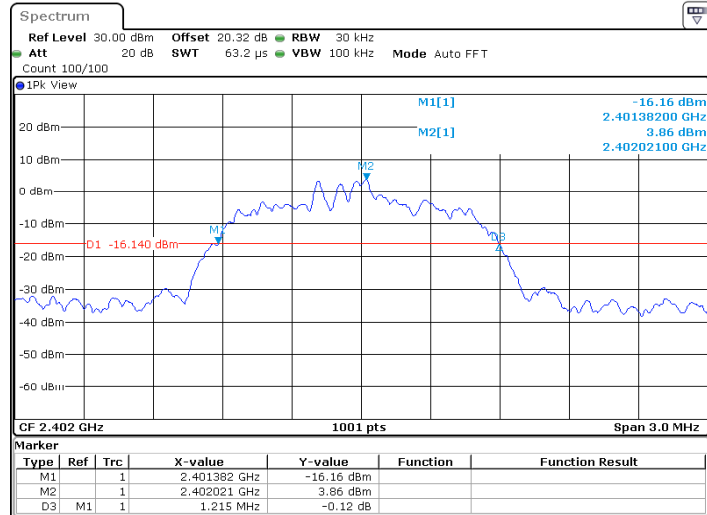
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:31:48

2DH1_Ant1_2480



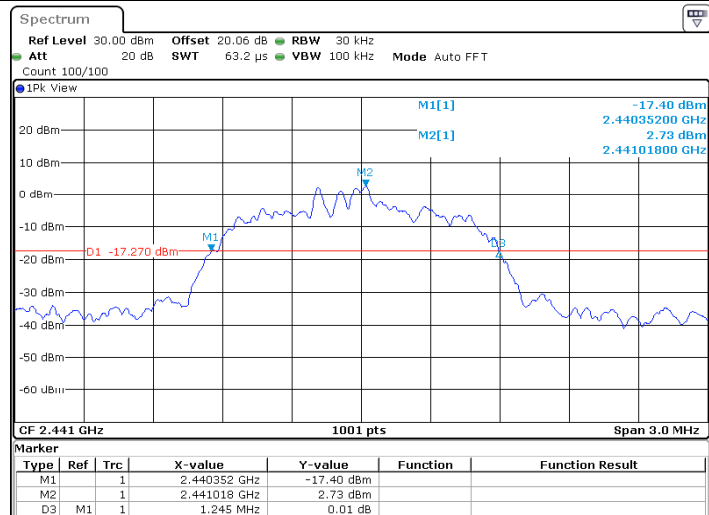
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:33:33

3DH1_Ant1_2402

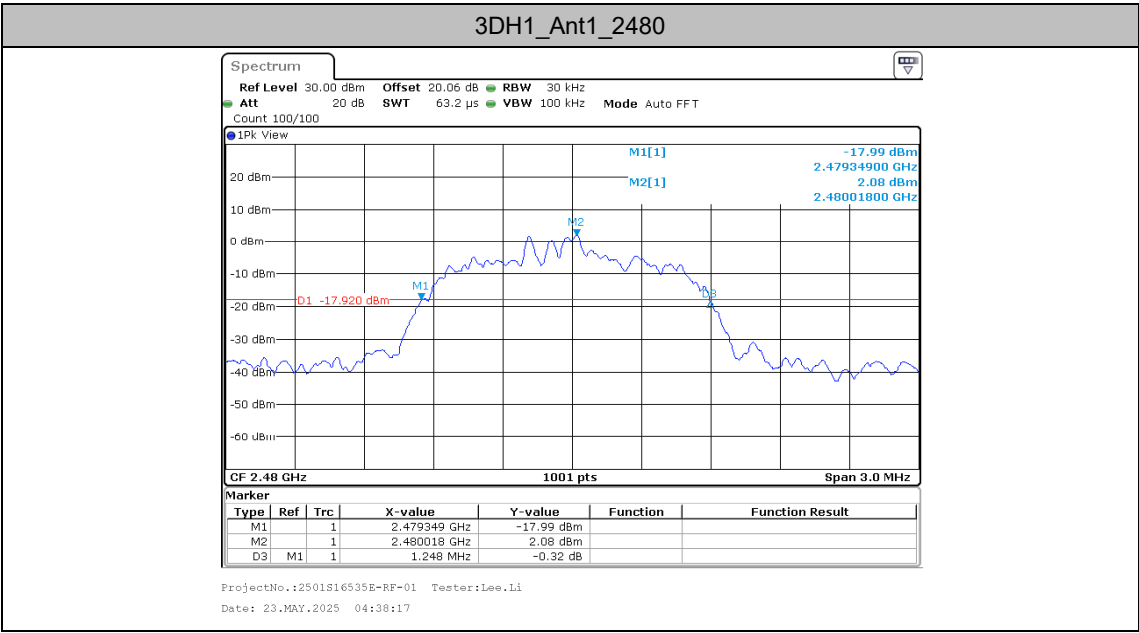


ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:35:45

3DH1_Ant1_2441



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:36:59



Occupied Channel Bandwidth

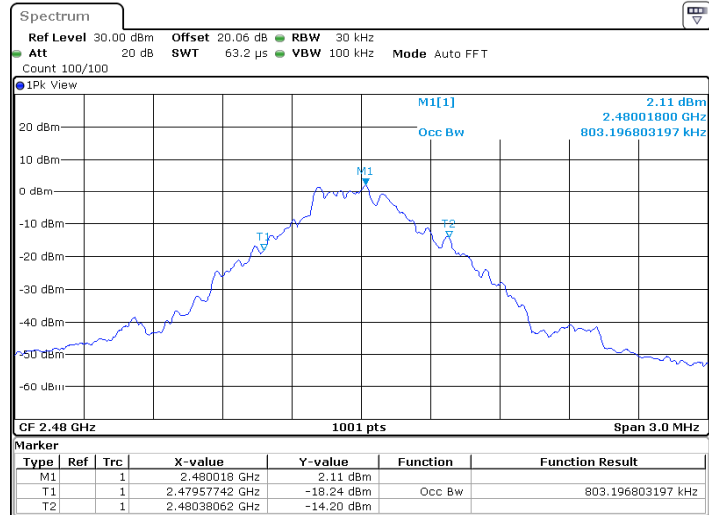
Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.806	2401.5744	2402.3806	---	---
		2441	0.806	2440.5744	2441.3806	---	---
		2480	0.803	2479.5774	2480.3806	---	---
2DH1	Ant1	2402	1.157	2401.3916	2402.5485	---	---
		2441	1.157	2440.3886	2441.5455	---	---
		2480	1.157	2479.3886	2480.5455	---	---
3DH1	Ant1	2402	1.145	2401.4066	2402.5514	---	---
		2441	1.148	2440.4066	2441.5544	---	---
		2480	1.145	2479.4066	2480.5514	---	---

Test Graphs

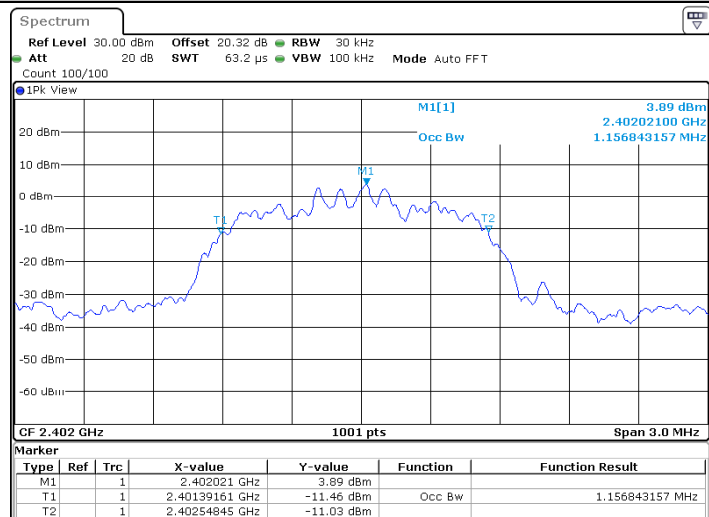


DH1_Ant1_2480



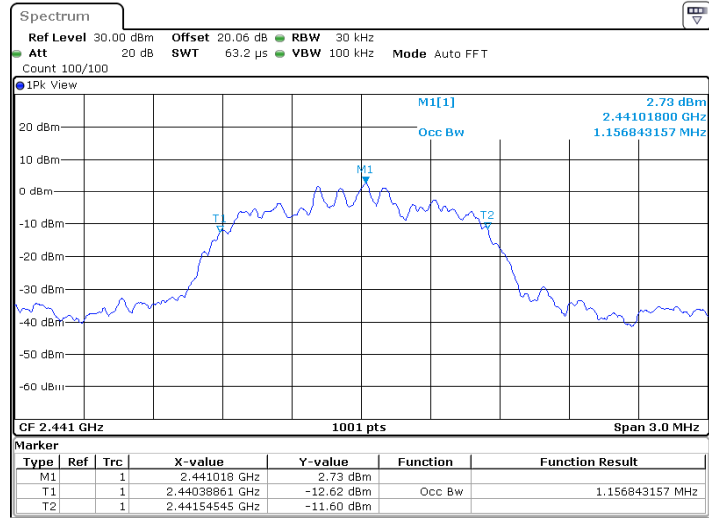
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:27:57

2DH1_Ant1_2402



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:30:08

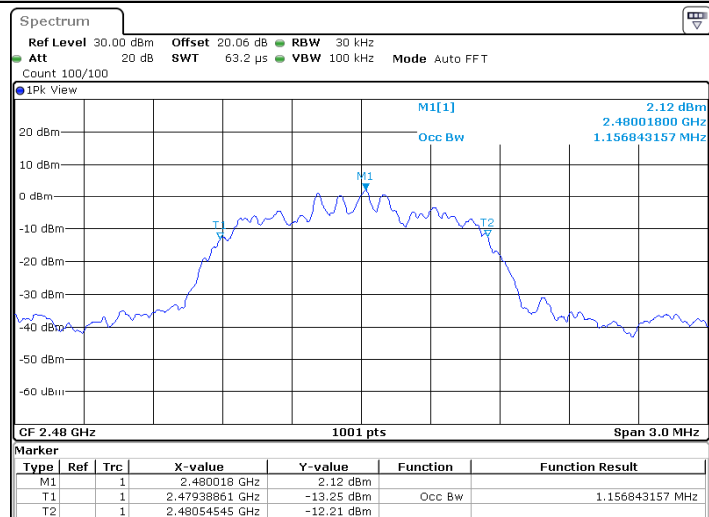
2DH1_Ant1_2441



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li

Date: 23.MAY.2025 04:31:54

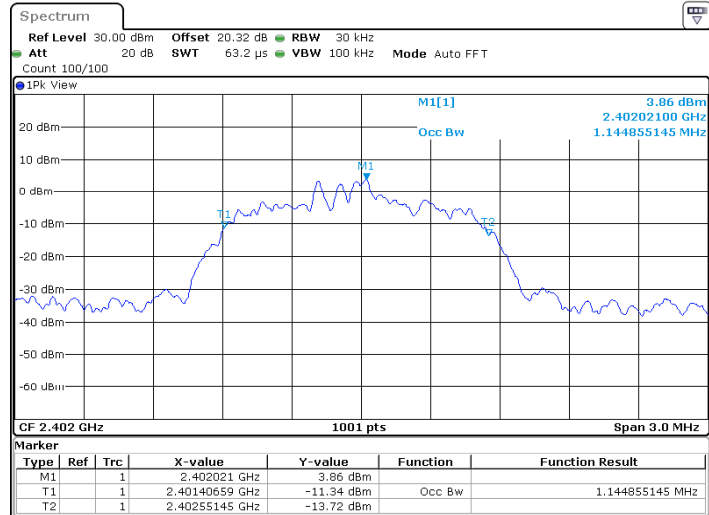
2DH1_Ant1_2480



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li

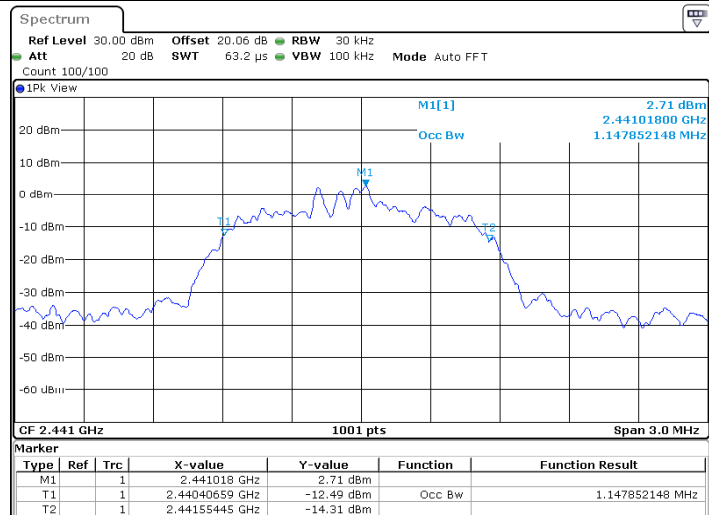
Date: 23.MAY.2025 04:33:39

3DH1_Ant1_2402

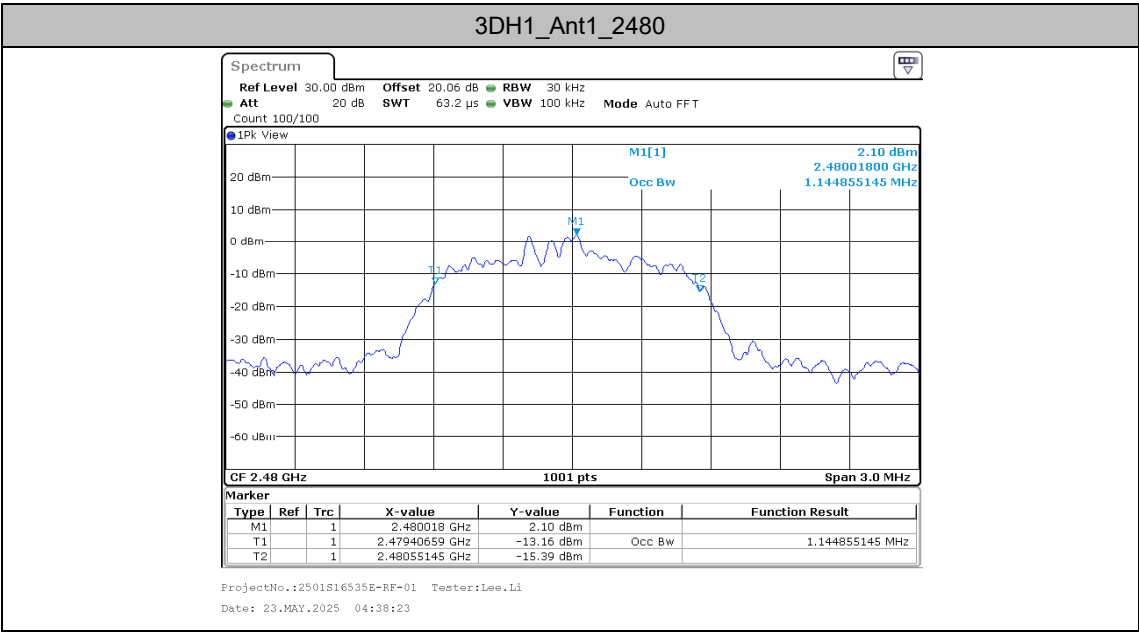


ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:35:51

3DH1_Ant1_2441



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:37:04

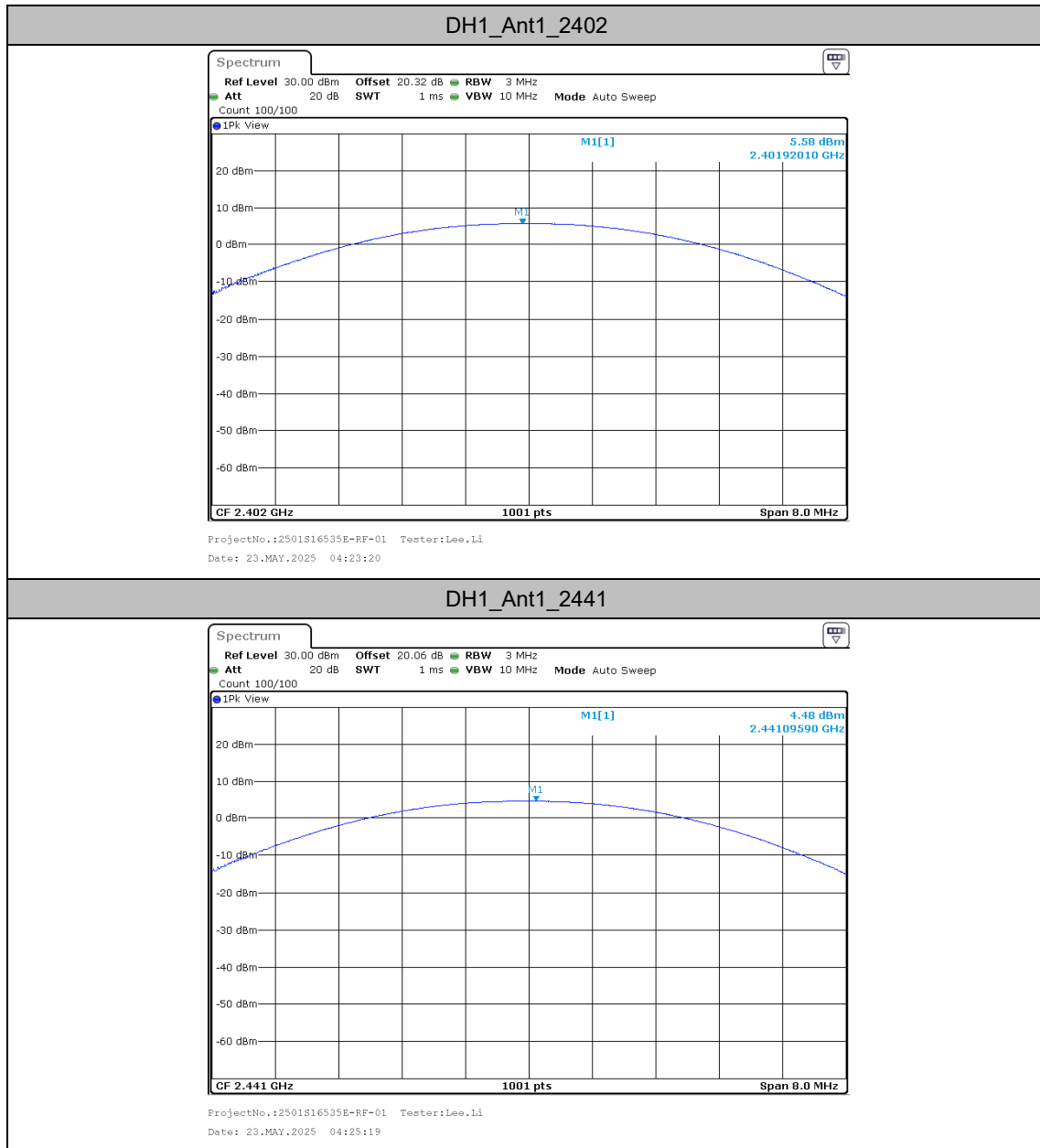


Maximum conducted output power

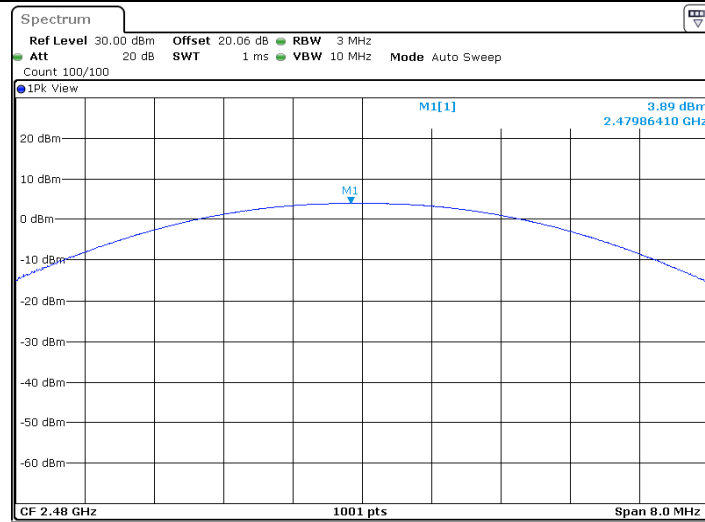
Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH1	Ant1	2402	5.58	≤20.97	PASS
		2441	4.48	≤20.97	PASS
		2480	3.89	≤20.97	PASS
2DH1	Ant1	2402	8.28	≤20.97	PASS
		2441	7.27	≤20.97	PASS
		2480	6.66	≤20.97	PASS
3DH1	Ant1	2402	8.96	≤20.97	PASS
		2441	7.85	≤20.97	PASS
		2480	7.26	≤20.97	PASS

Test Graphs

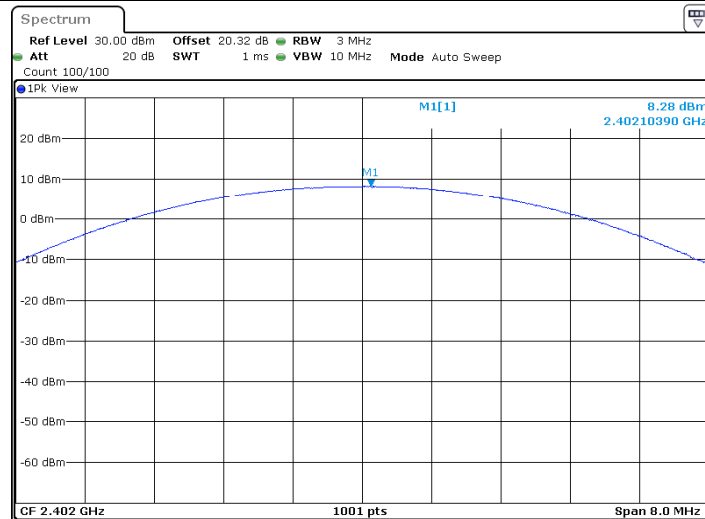


DH1_Ant1_2480



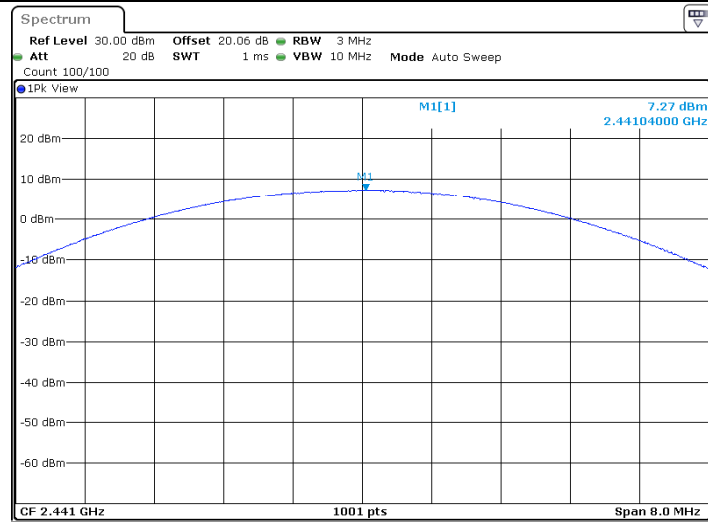
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:28:24

2DH1_Ant1_2402



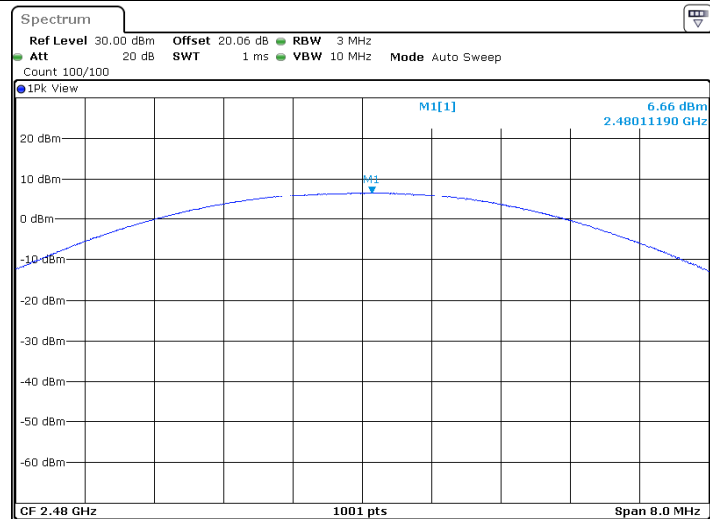
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 05:15:47

2DH1_Ant1_2441



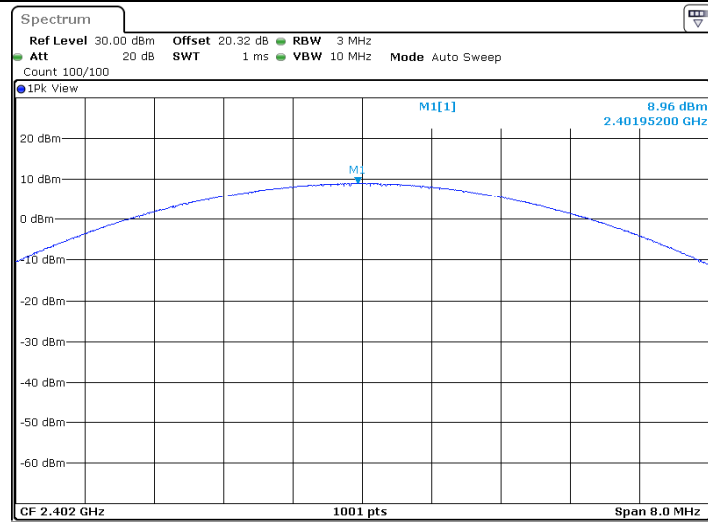
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:32:04

2DH1_Ant1_2480



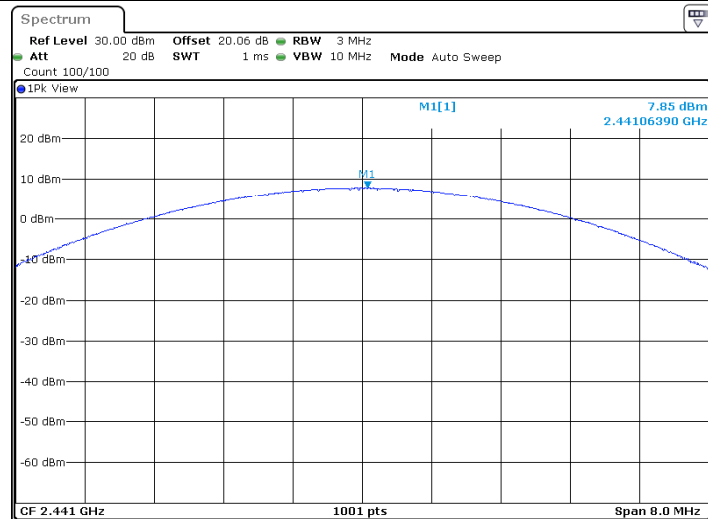
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:34:05

3DH1_Ant1_2402

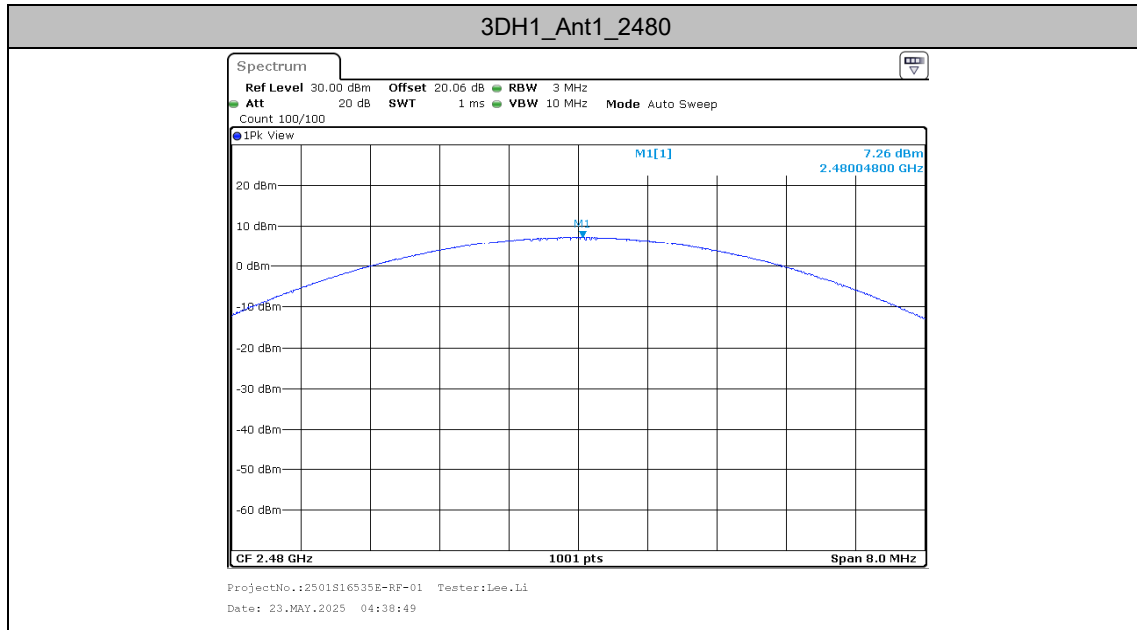


ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:36:08

3DH1_Ant1_2441



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:37:21



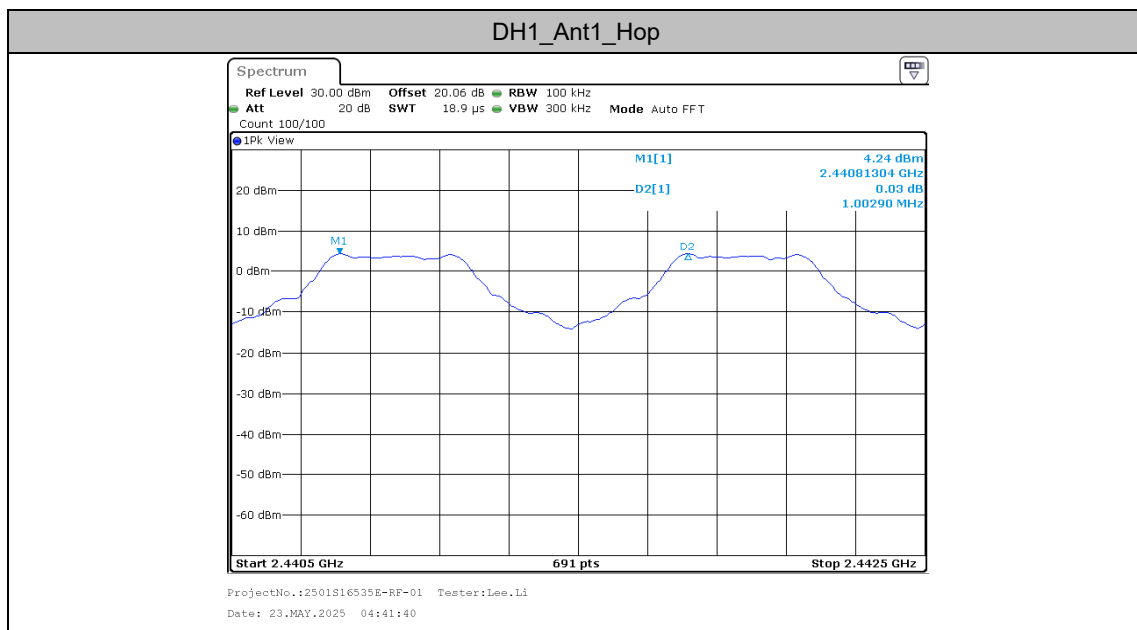
Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1.003	≥0.840	PASS

Note: Only the BDR (GFSK) mode result is reported since EDR ($\pi/4$ -DQPSK) and EDR (8DPSK) modes have the exact same channel plan, and the limit is the maximum 20dB bandwidth *2/3

Test Graphs



Time of occupancy

Test Result

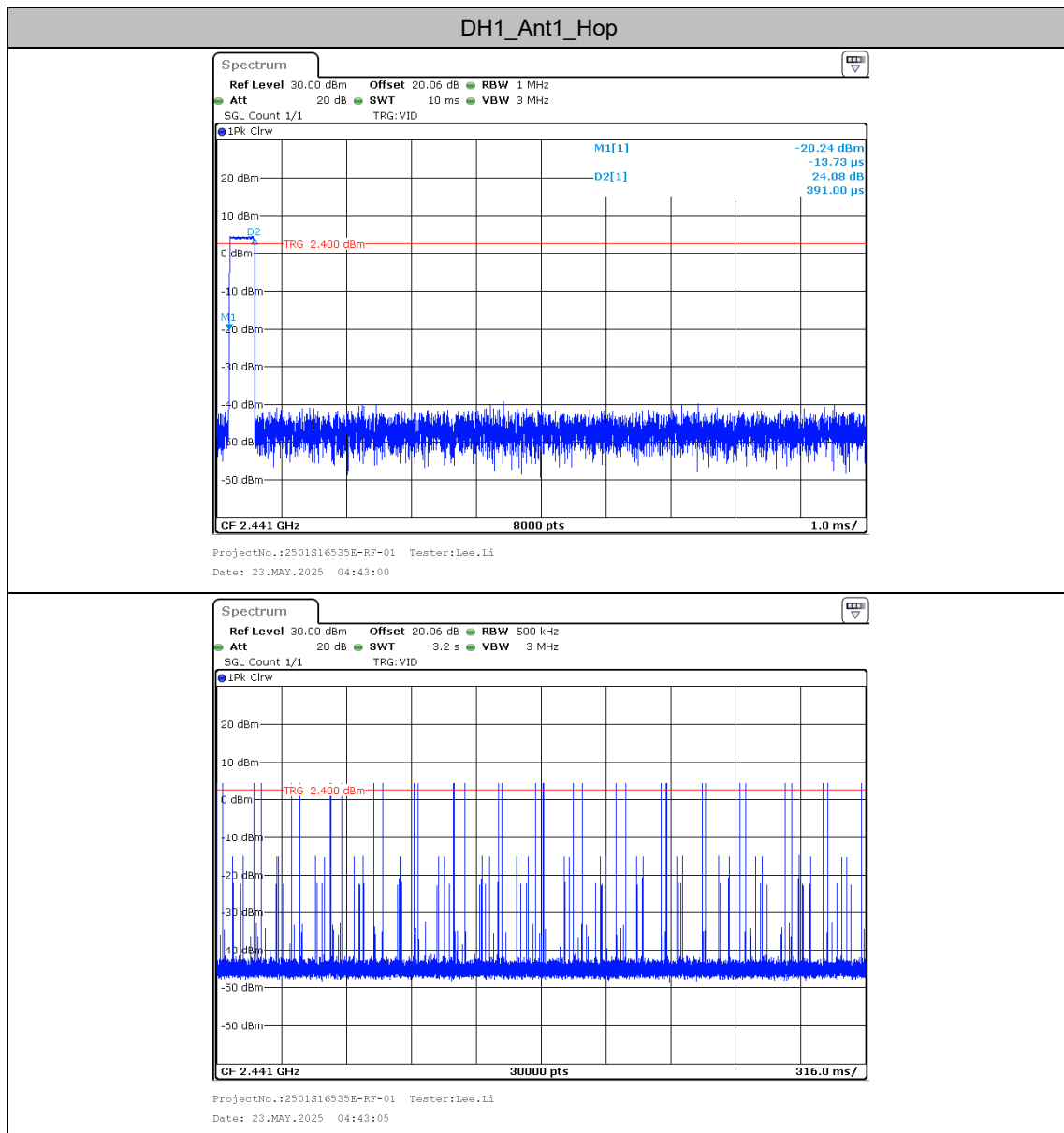
Test Mode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.391	330	0.129	≤0.4	PASS
DH3	Ant1	Hop	1.639	160	0.262	≤0.4	PASS
DH5	Ant1	Hop	2.879	120	0.345	≤0.4	PASS
2DH1	Ant1	Hop	0.400	320	0.128	≤0.4	PASS
2DH3	Ant1	Hop	1.645	180	0.296	≤0.4	PASS
2DH5	Ant1	Hop	2.885	110	0.317	≤0.4	PASS
3DH1	Ant1	Hop	0.400	320	0.128	≤0.4	PASS
3DH3	Ant1	Hop	1.643	180	0.296	≤0.4	PASS
3DH5	Ant1	Hop	2.885	110	0.317	≤0.4	PASS

Note 1: A period time= $0.4 \times 79 = 31.6(S)$, Result=Burst Width*Total hops

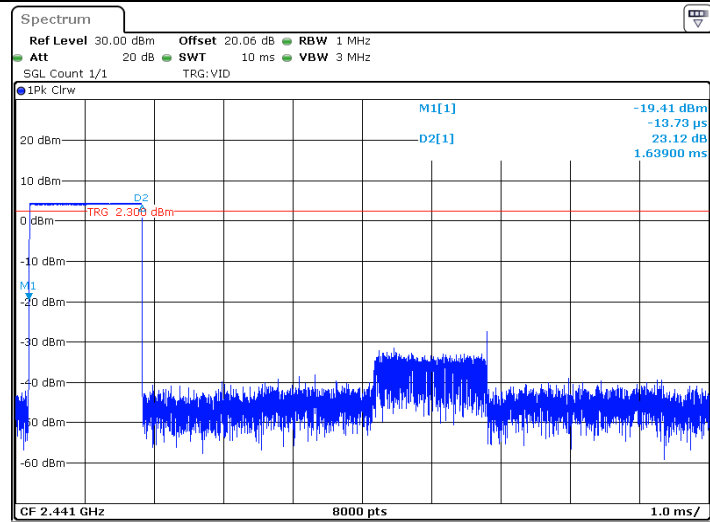
Note 2: Total hops=Hopping Number in $3.16s \times 10$

Note 3: Hopping Number in $3.16s$ =Total of highest signals in $3.16s$ (Second high signals were other channel)

Test Graphs

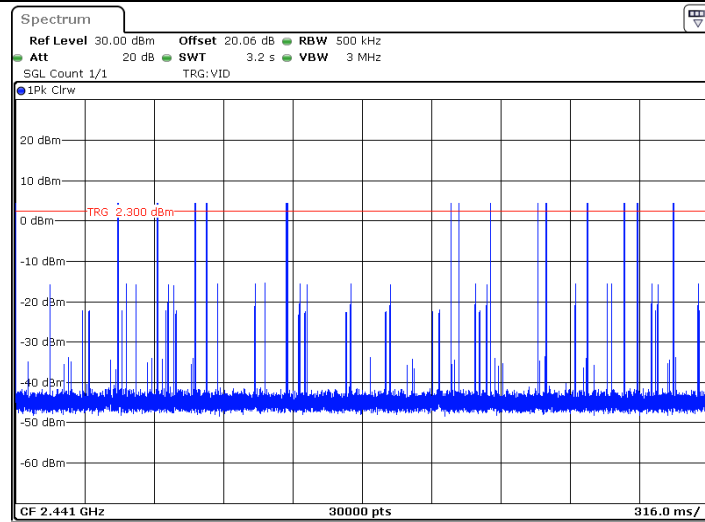


DH3_Ant1_Hop



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li

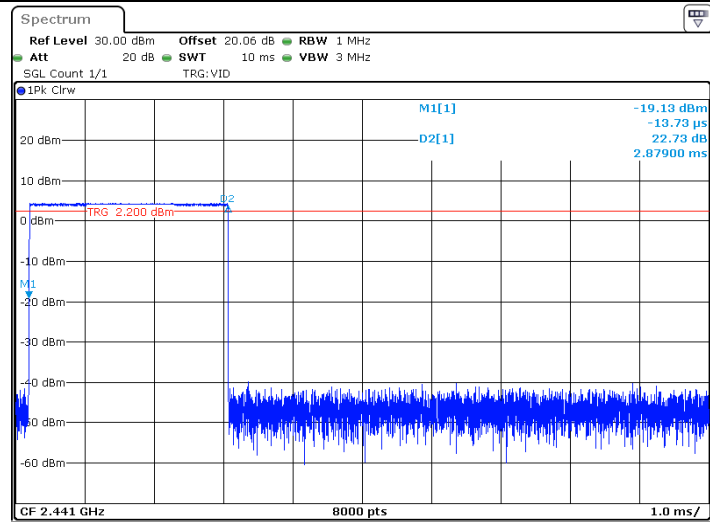
Date: 23.MAY.2025 04:44:53



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li

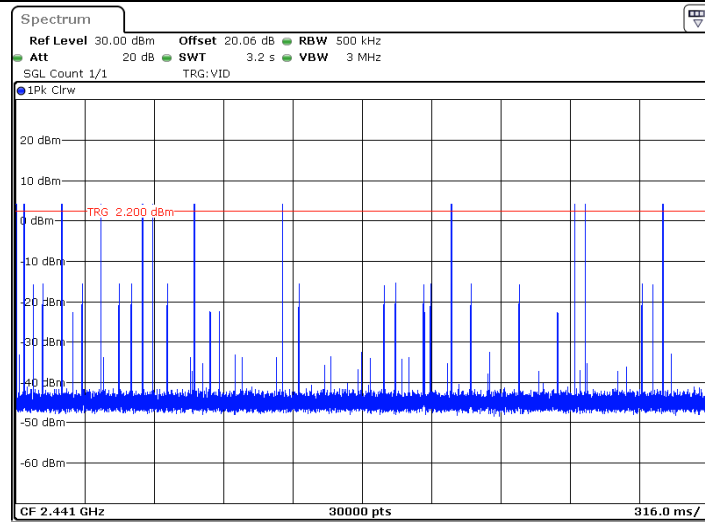
Date: 23.MAY.2025 04:44:58

DH5_Ant1_Hop



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li

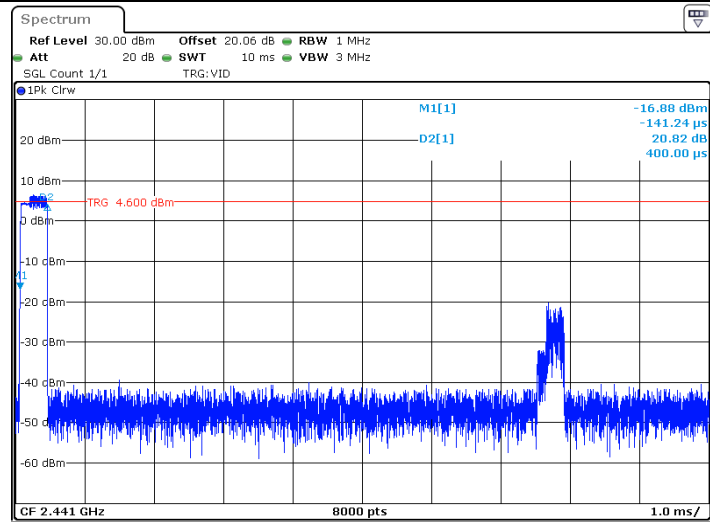
Date: 23.MAY.2025 04:47:18



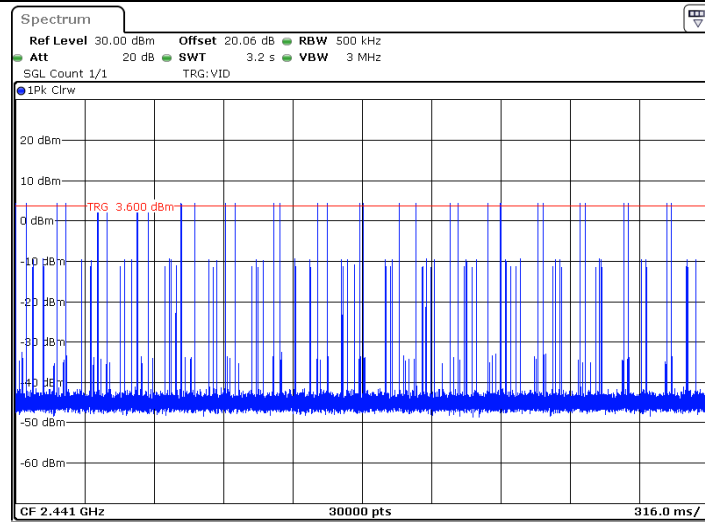
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li

Date: 23.MAY.2025 04:47:23

2DH1_Ant1_Hop

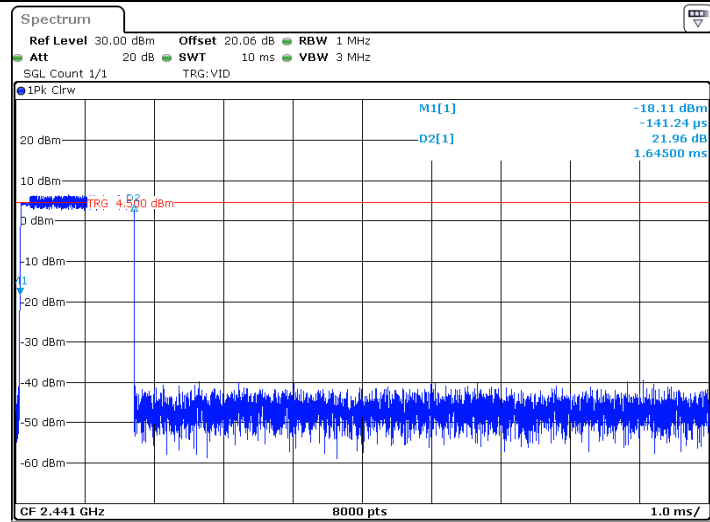


ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:51:47



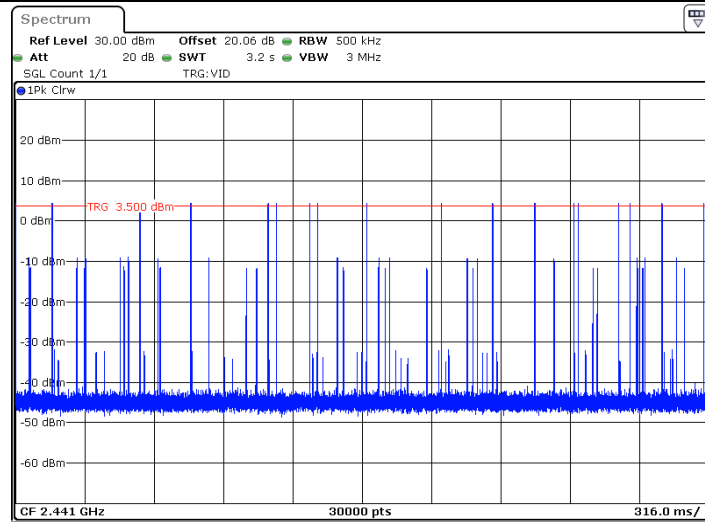
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:51:58

2DH3_Ant1_Hop



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li

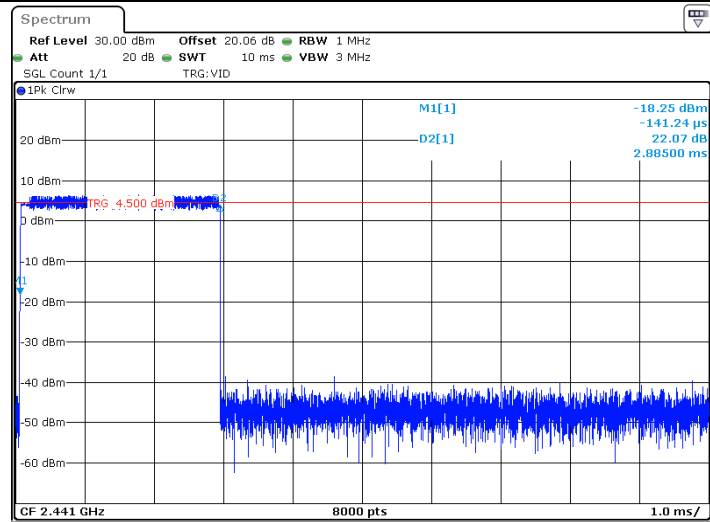
Date: 23.MAY.2025 04:55:19



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li

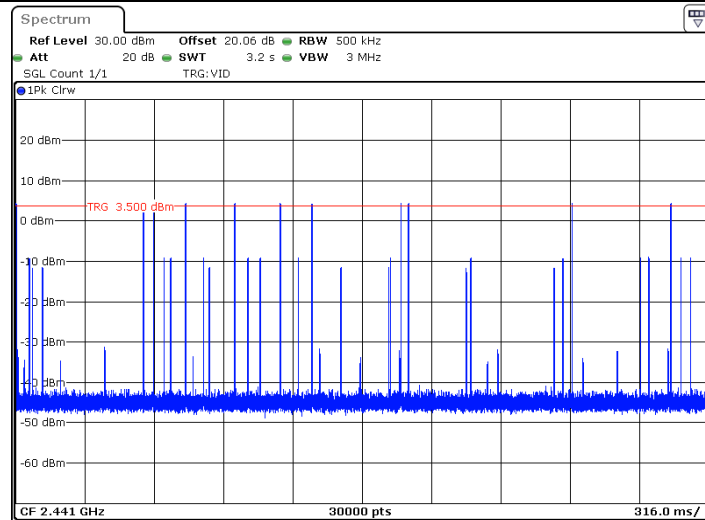
Date: 23.MAY.2025 04:55:30

2DH5_Ant1_Hop



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li

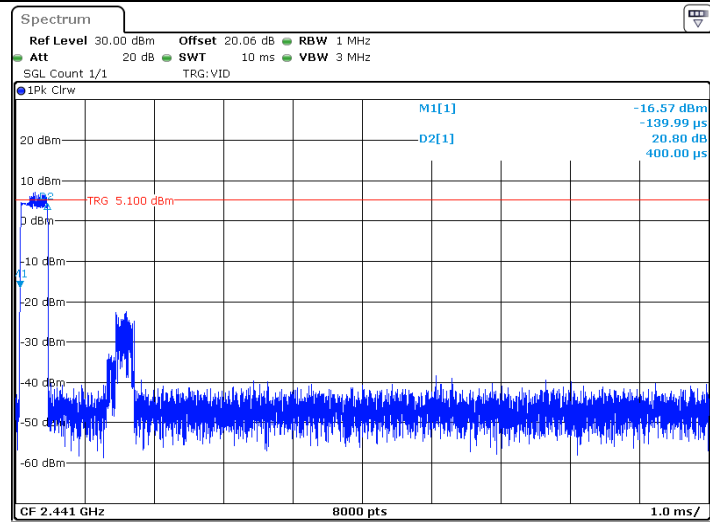
Date: 23.MAY.2025 04:57:36



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li

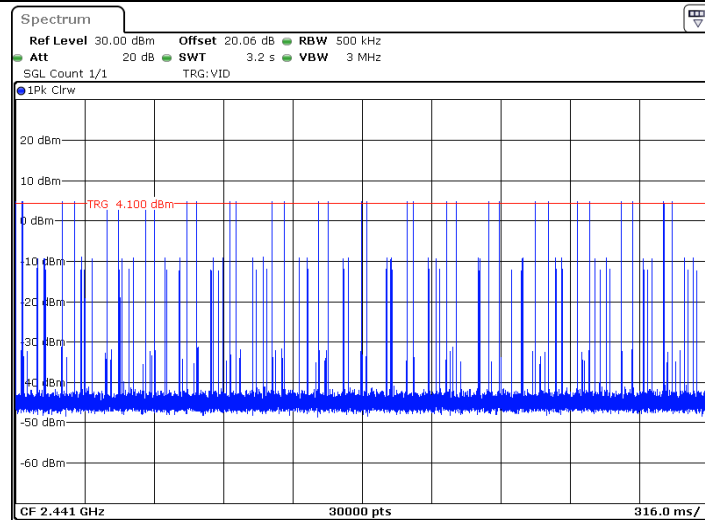
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3DH1_Ant1_Hop



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li

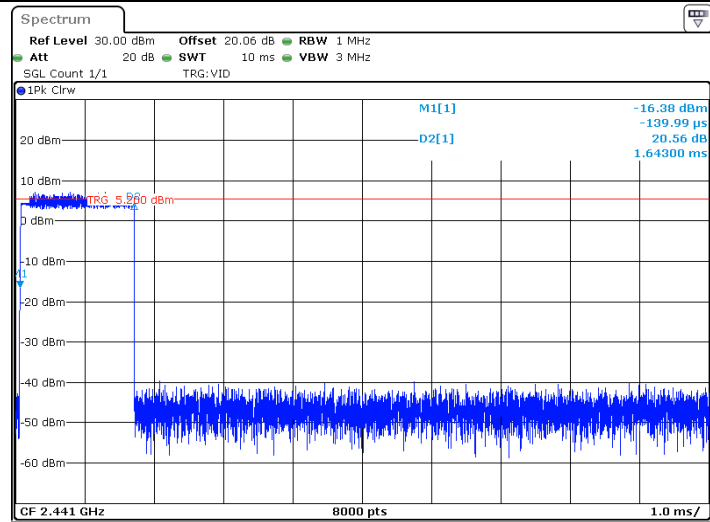
Date: 23.MAY.2025 05:03:27



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li

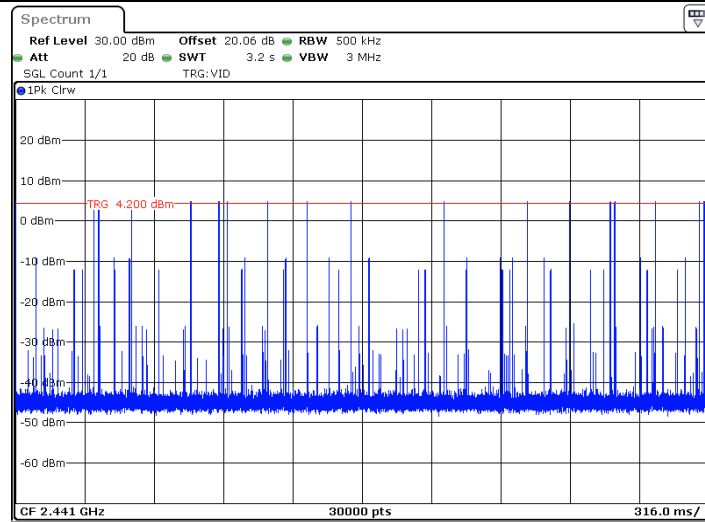
Date: 23.MAY.2025 05:03:38

3DH3_Ant1_Hop



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li

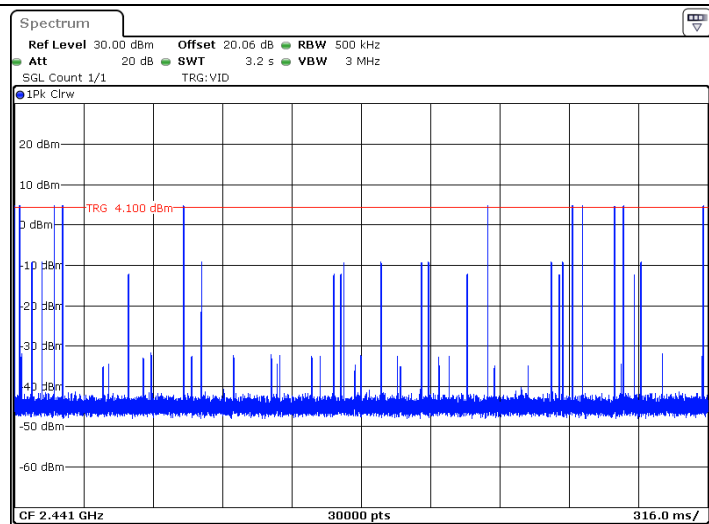
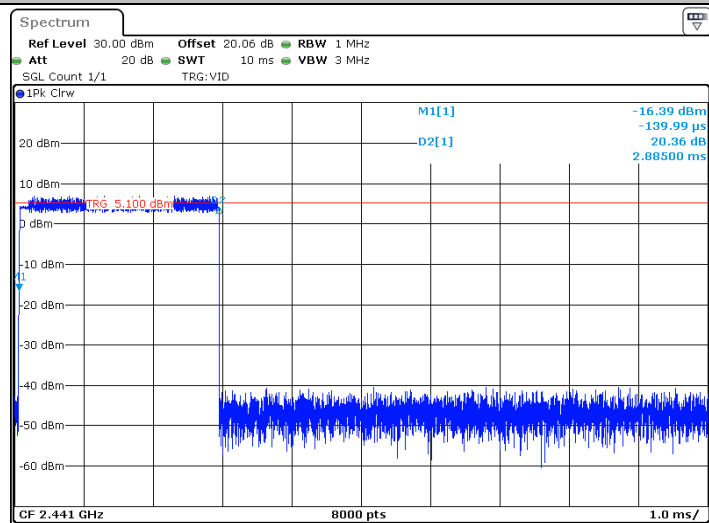
Date: 23.MAY.2025 05:05:01



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li

Date: 23.MAY.2025 05:05:15

3DH5_Ant1_Hop

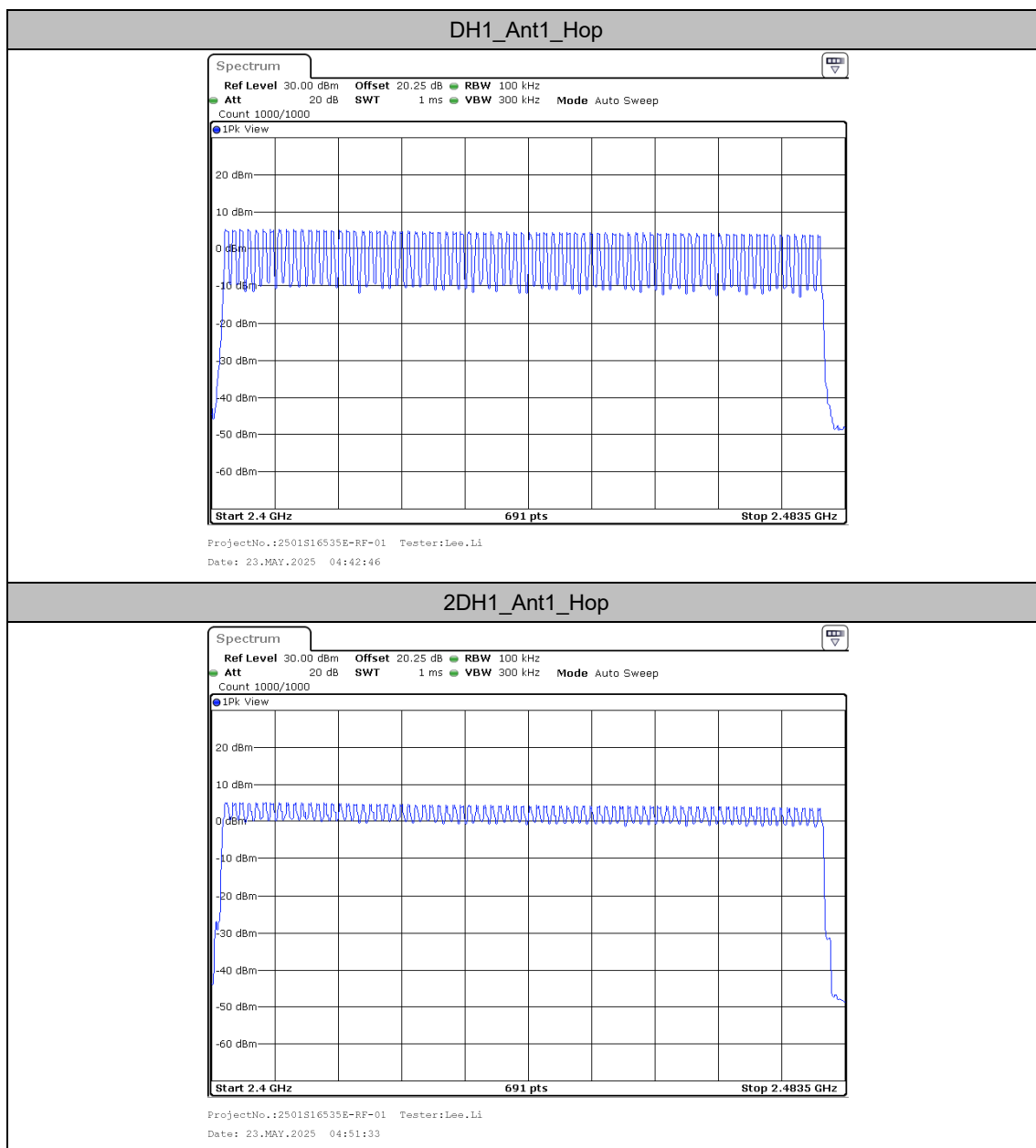


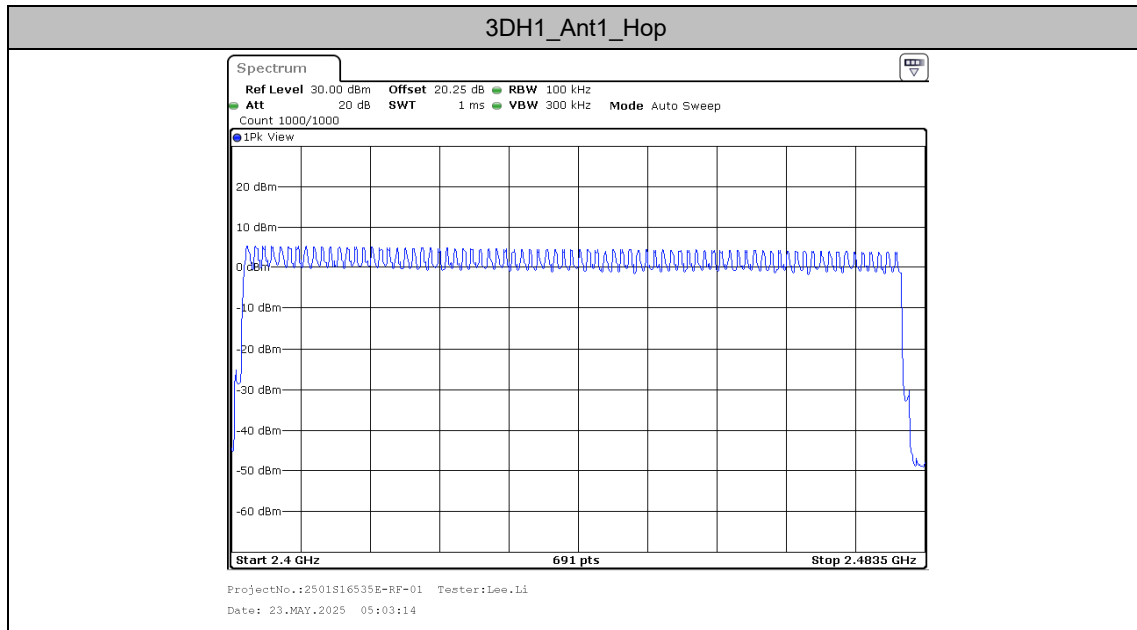
Number of hopping channels

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH1	Ant1	Hop	79	≥15	PASS
2DH1	Ant1	Hop	79	≥15	PASS
3DH1	Ant1	Hop	79	≥15	PASS

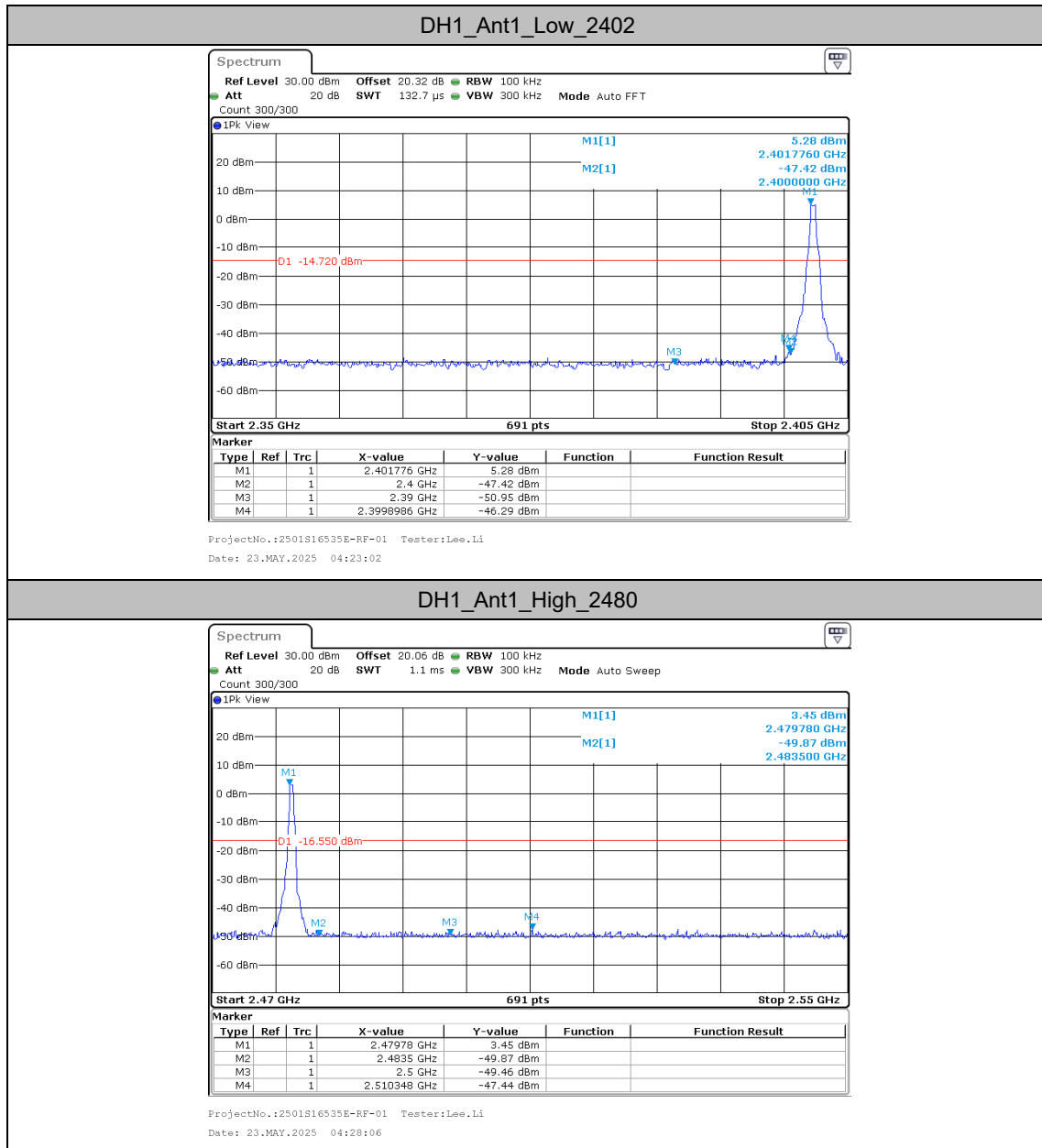
Test Graphs



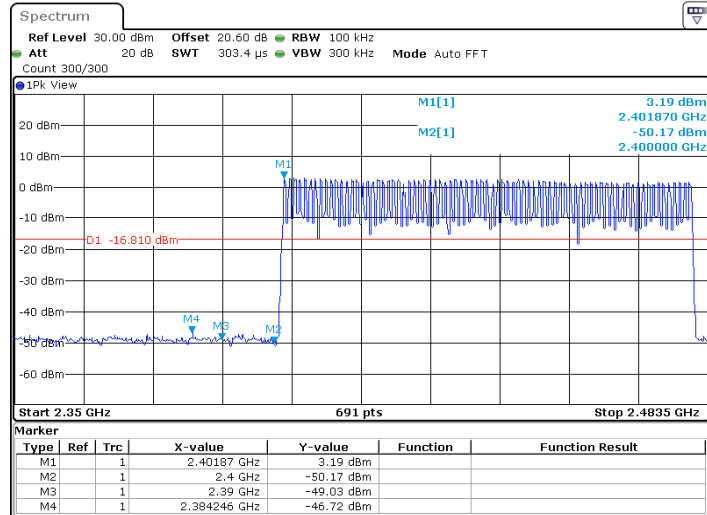


Band edge measurements

Test Graphs

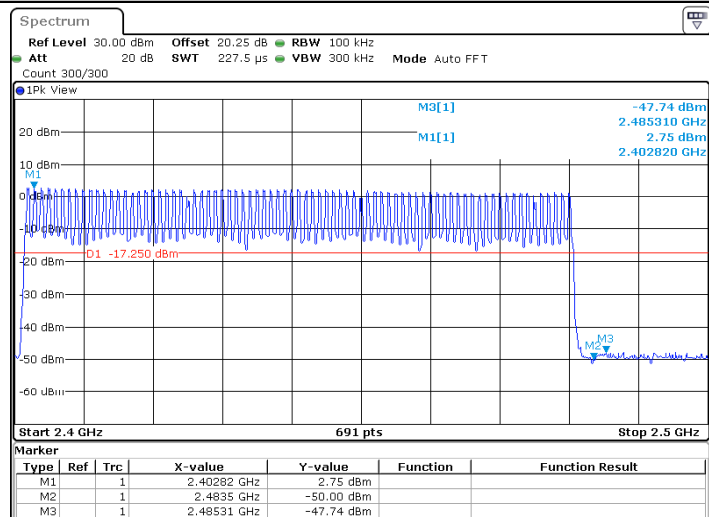


DH1_Ant1_Low_Hop_2402



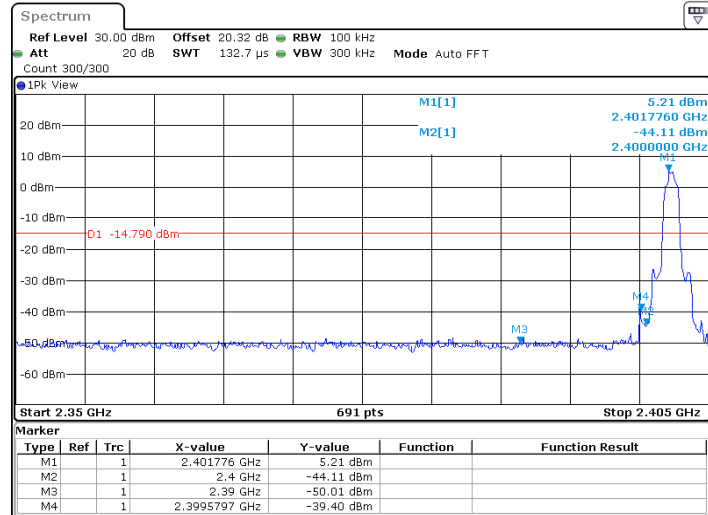
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 29.MAY.2025 21:28:20

DH1_Ant1_High_Hop_2480



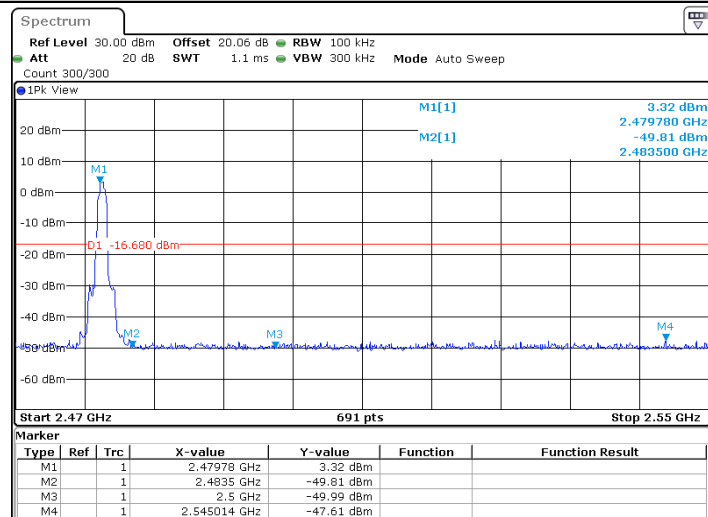
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 29.MAY.2025 21:30:56

2DH1_Ant1_Low_2402



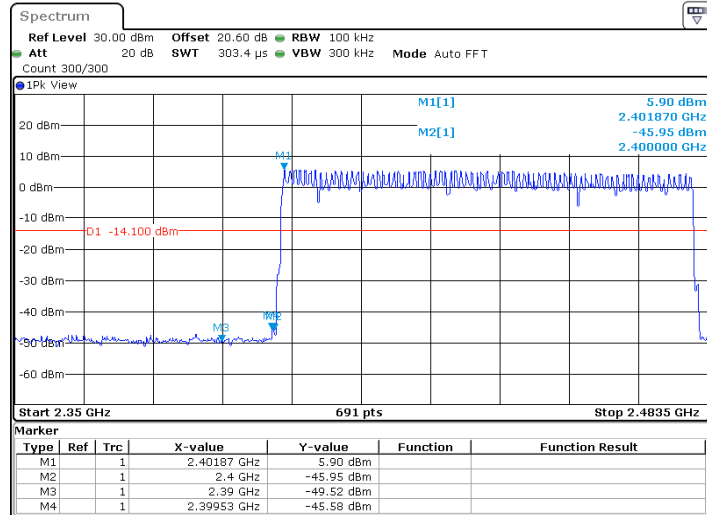
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Date: 23.MAY.2025 04:30:17

2DH1_Ant1_High_2480



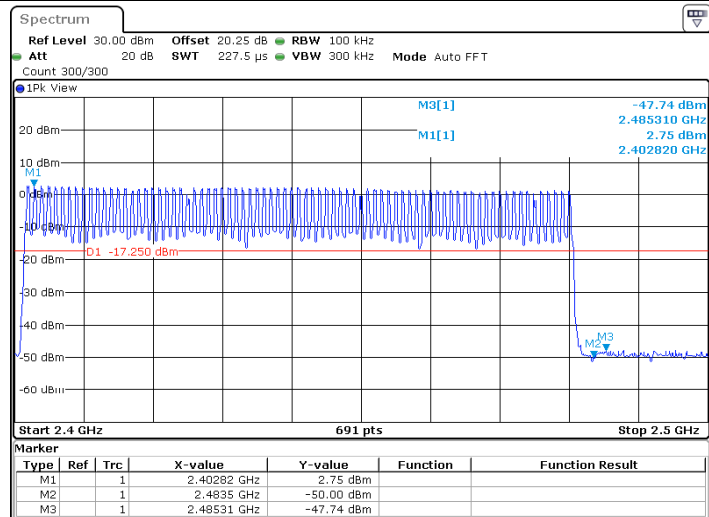
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:33:48

2DH1_Ant1_Low_Hop_2402



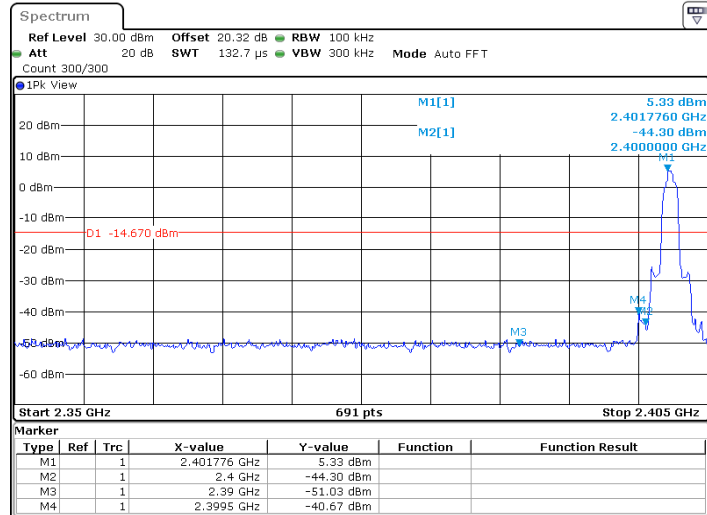
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 29.MAY.2025 21:36:48

2DH1_Ant1_High_Hop_2480



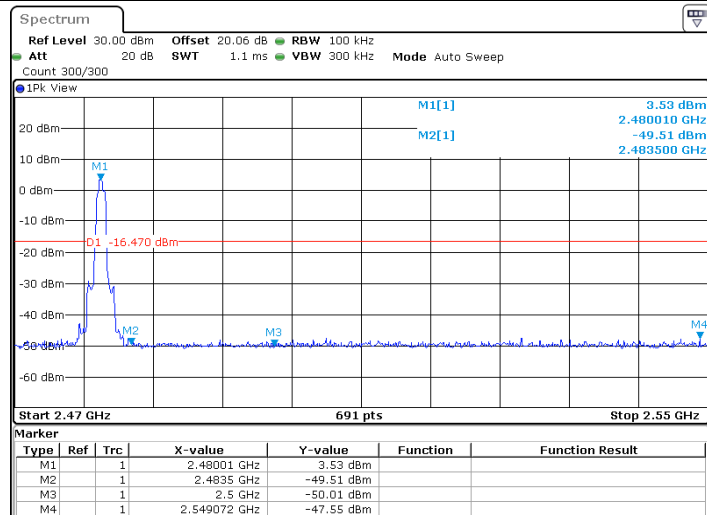
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 29.MAY.2025 21:30:56

3DH1_Ant1_Low_2402



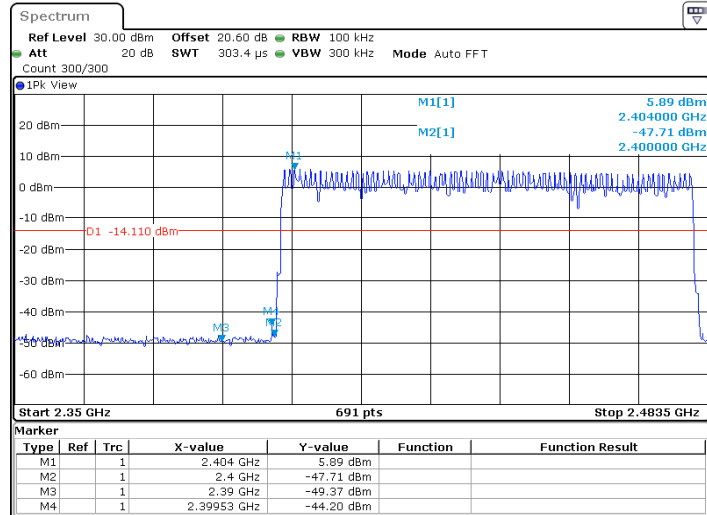
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:35:59

3DH1_Ant1_High_2480



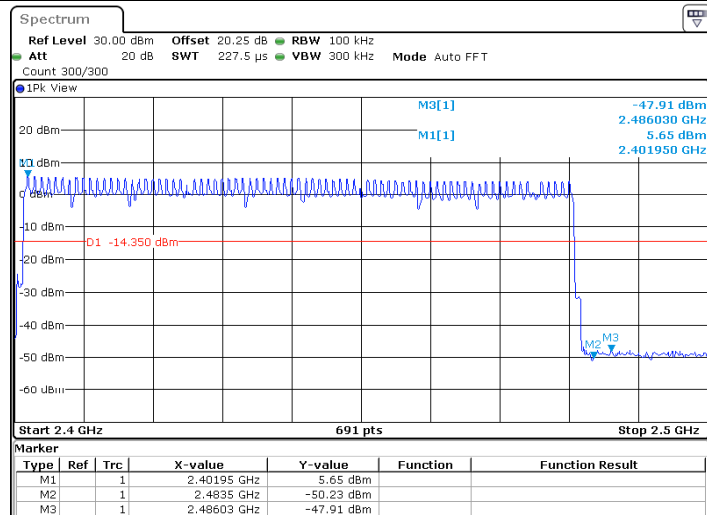
ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 23.MAY.2025 04:38:32

3DH1_Ant1_Low_Hop_2402



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 29.MAY.2025 21:42:37

3DH1_Ant1_High_Hop_2480



ProjectNo.:2501S16535E-RF-01 Tester:Lee.Li
Date: 29.MAY.2025 21:46:26