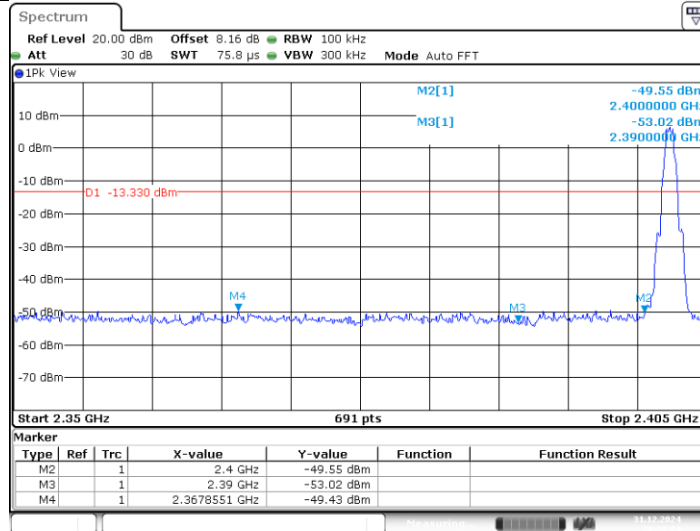
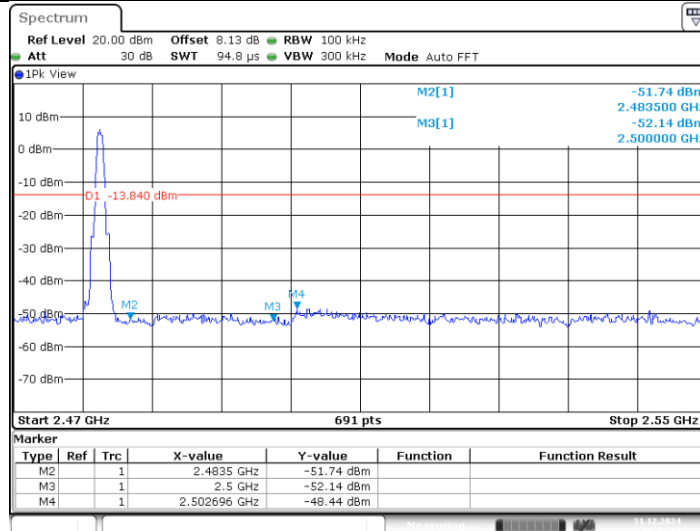


## Band edge measurement:

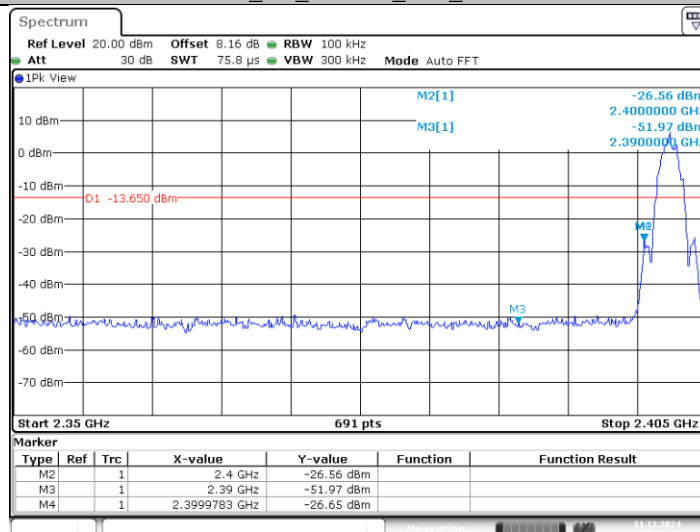
TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant Left	Low	2402	6.67	-49.43	$\leq -13.33$	PASS
		High	2480	6.16	-48.44	$\leq -13.84$	PASS
BLE_2M	Ant Left	Low	2402	6.35	-26.65	$\leq -13.65$	PASS
		High	2480	5.88	-46.89	$\leq -14.12$	PASS

**BLE\_1M\_Ant Left Low\_2402**


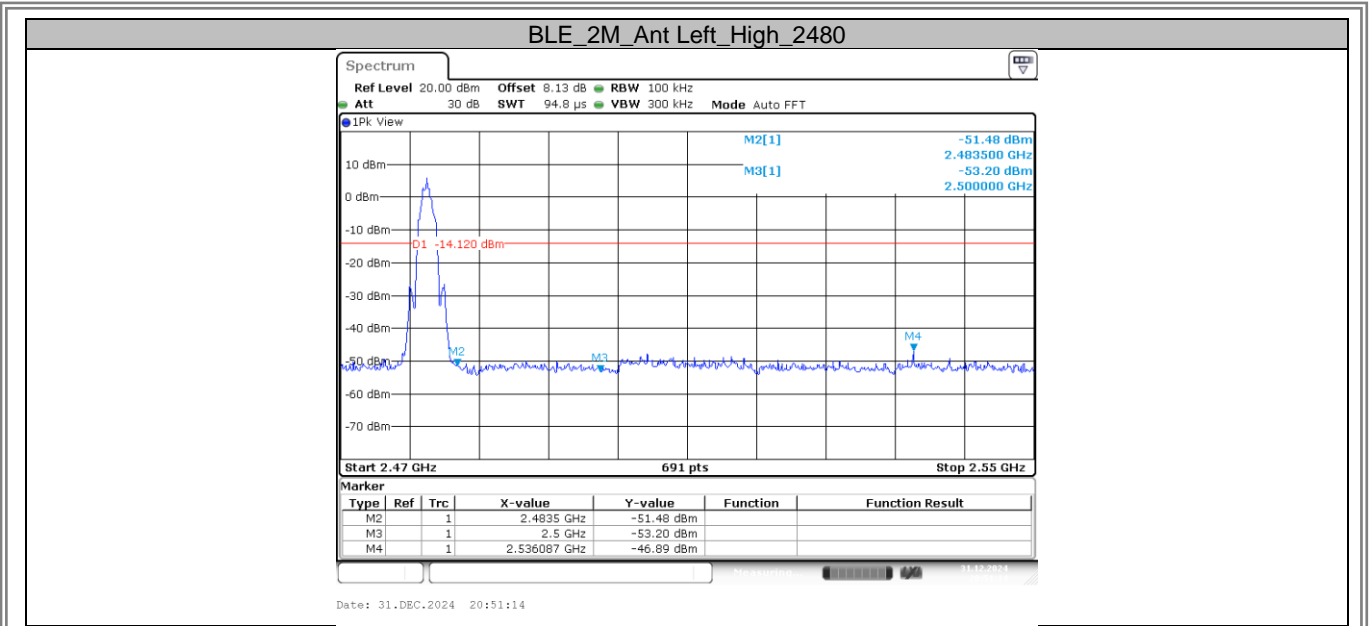
Date: 31.DEC.2024 20:38:04

**BLE\_1M\_Ant Left High\_2480**


Date: 31.DEC.2024 20:43:03

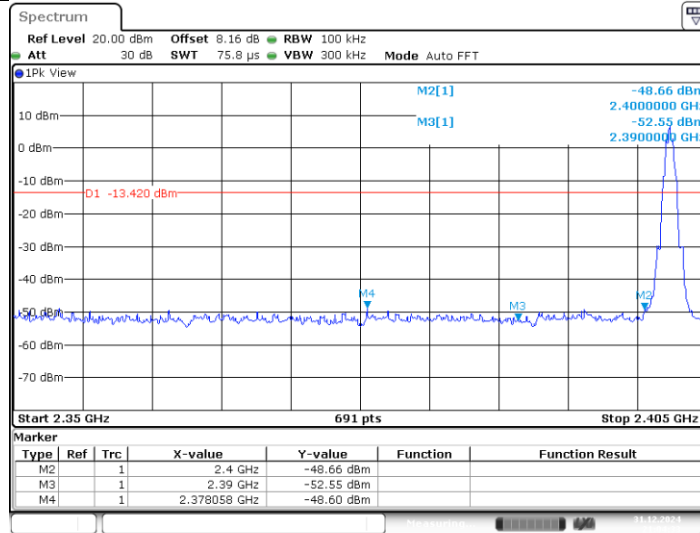
**BLE\_2M\_Ant Left Low\_2402**


Date: 31.DEC.2024 20:46:23

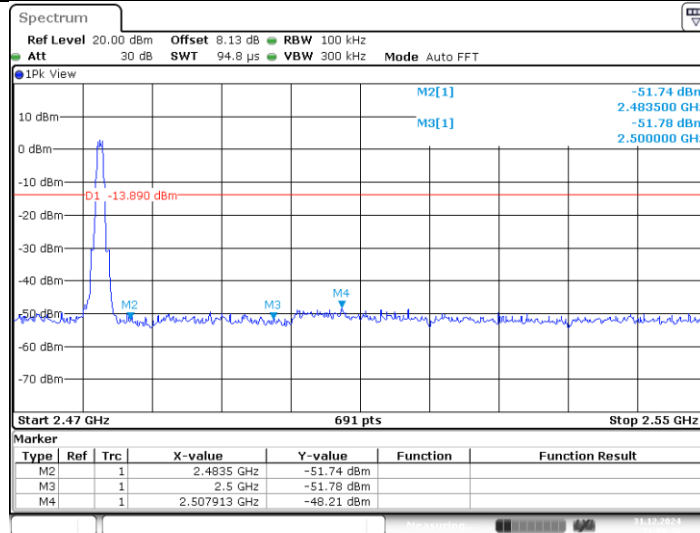


TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_125K	Ant Left	Low	2402	6.58	-48.6	$\leq -13.42$	PASS
		High	2480	6.11	-48.21	$\leq -13.89$	PASS
BLE_500K	Ant Left	Low	2402	6.73	-49.25	$\leq -13.27$	PASS
		High	2480	6.24	-47.8	$\leq -13.76$	PASS

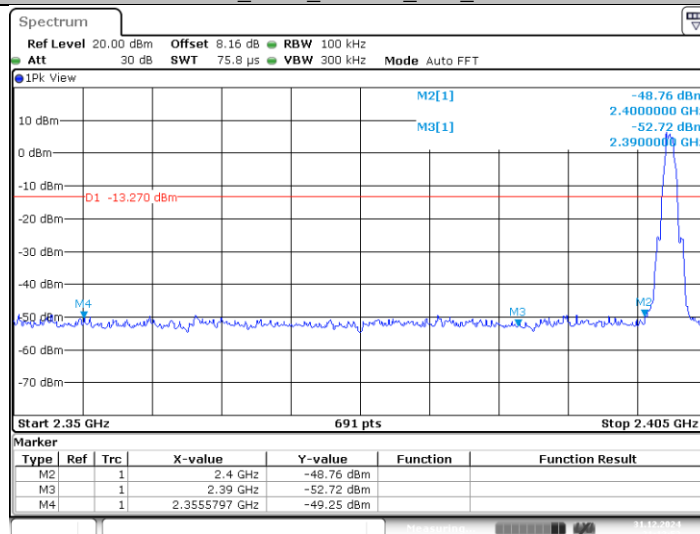
## BLE\_125K\_Ant Left Low\_2402

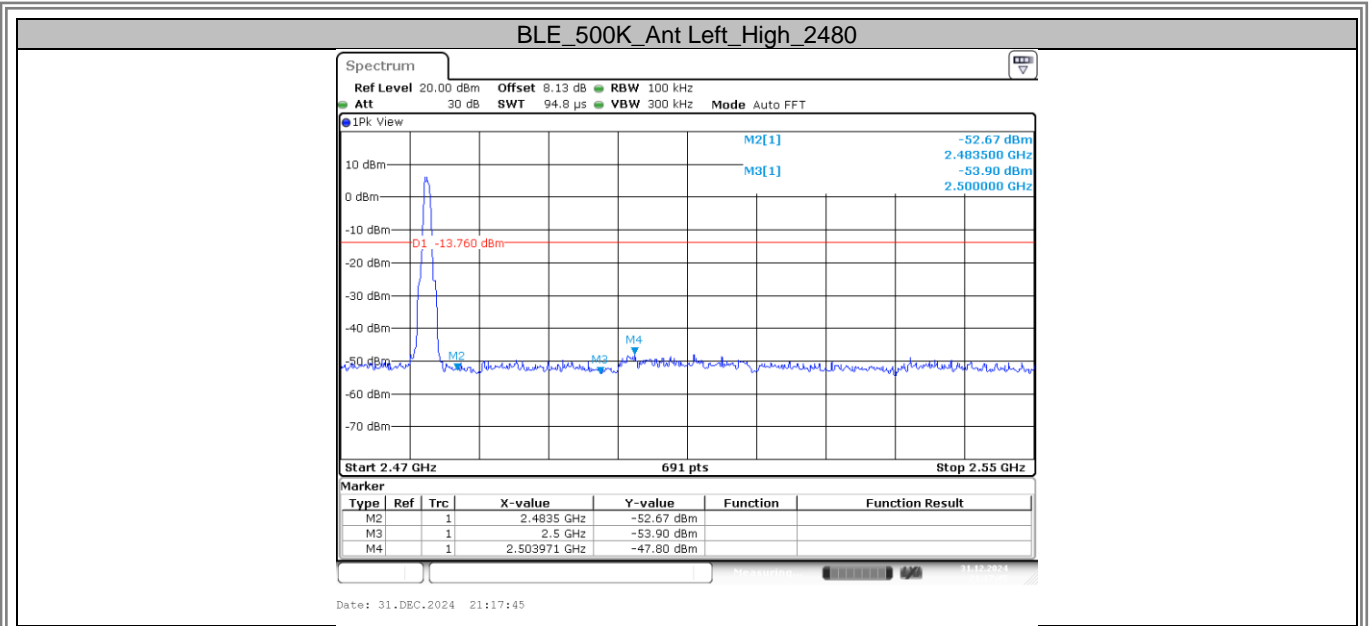


## BLE\_125K\_Ant Left High\_2480



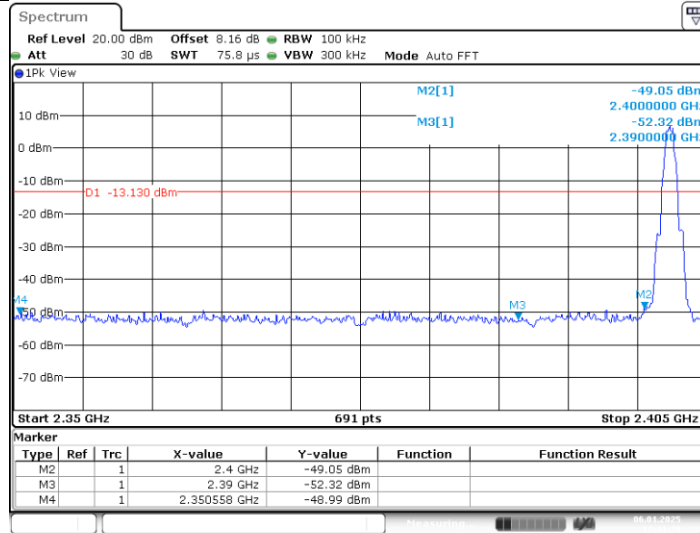
## BLE\_500K\_Ant Left Low\_2402



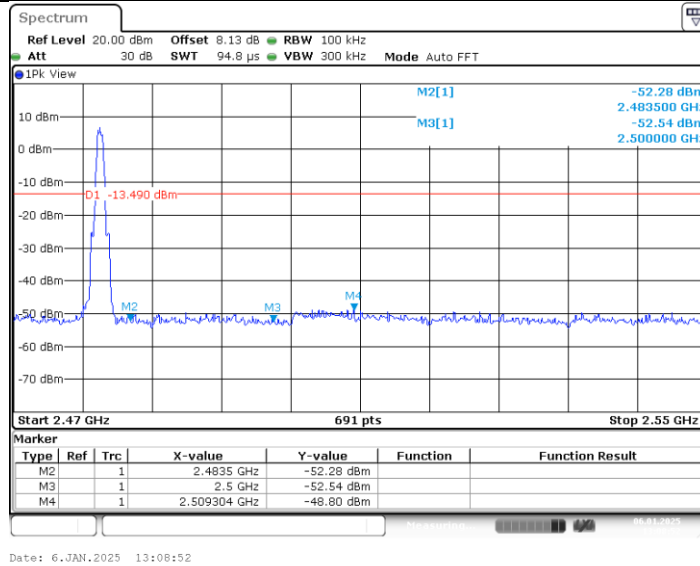


TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant Right	Low	2402	6.87	-48.99	$\leq -13.13$	PASS
		High	2480	6.51	-48.8	$\leq -13.49$	PASS
BLE_2M	Ant Right	Low	2402	6.64	-26.19	$\leq -13.36$	PASS
		High	2480	6.84	-48.22	$\leq -13.16$	PASS

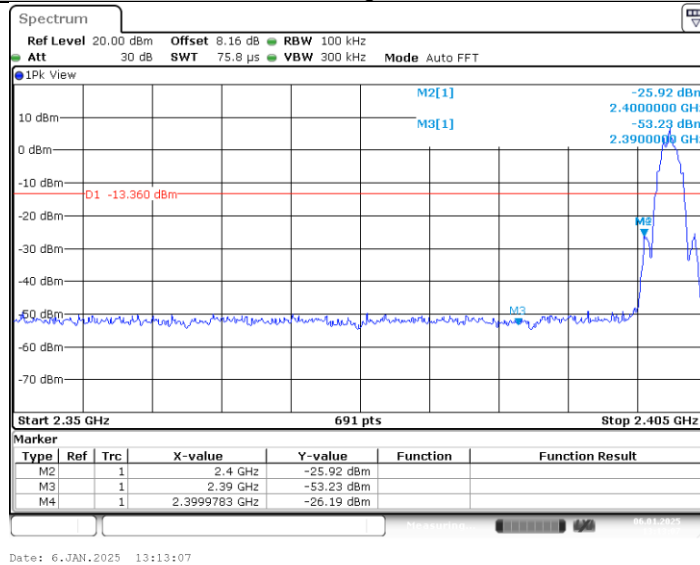
## BLE\_1M\_Ant Right\_Low\_2402

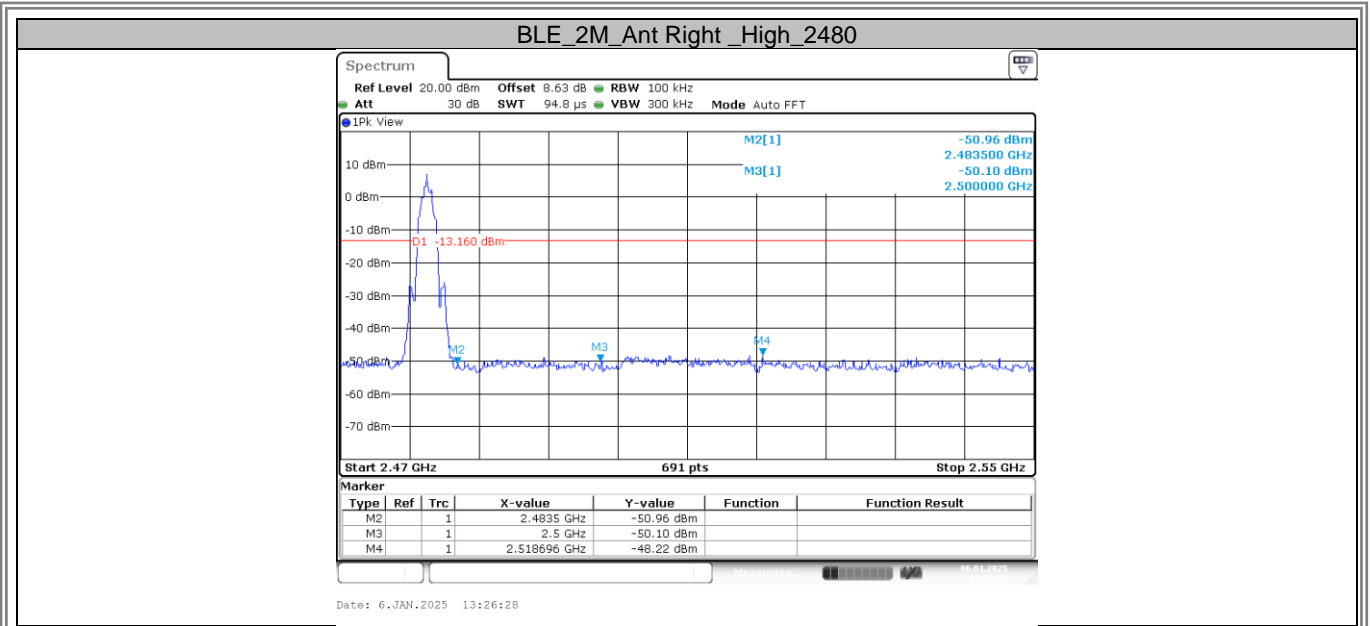


## BLE\_1M\_Ant Right\_High\_2480

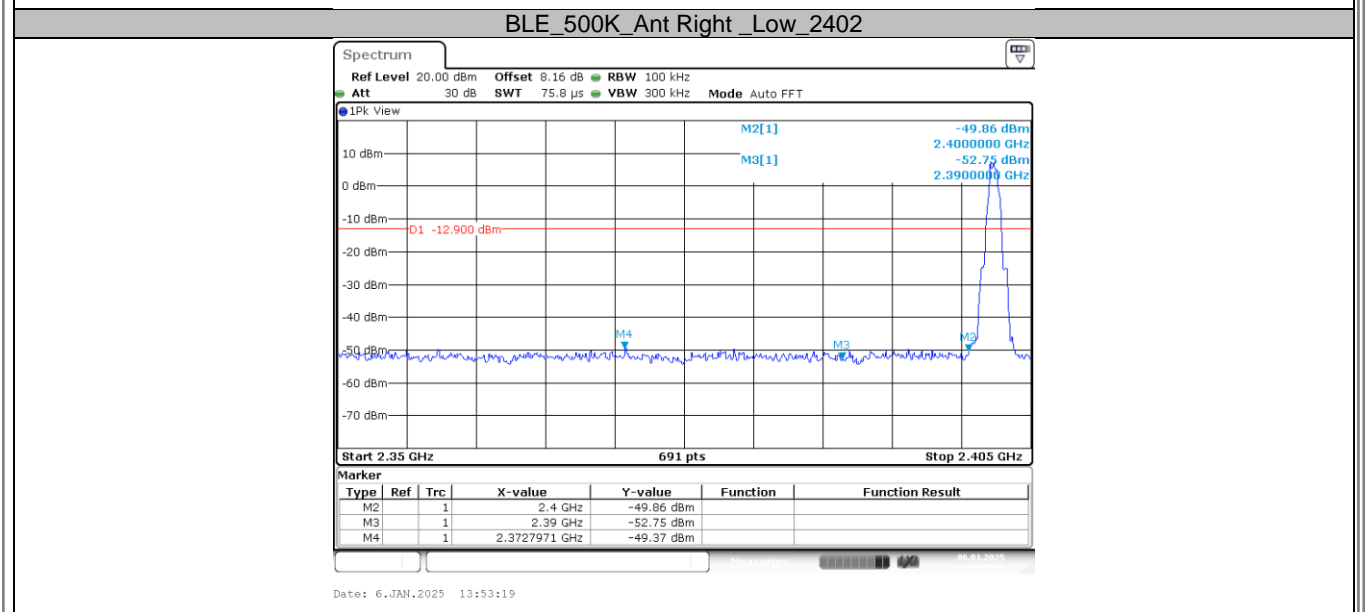
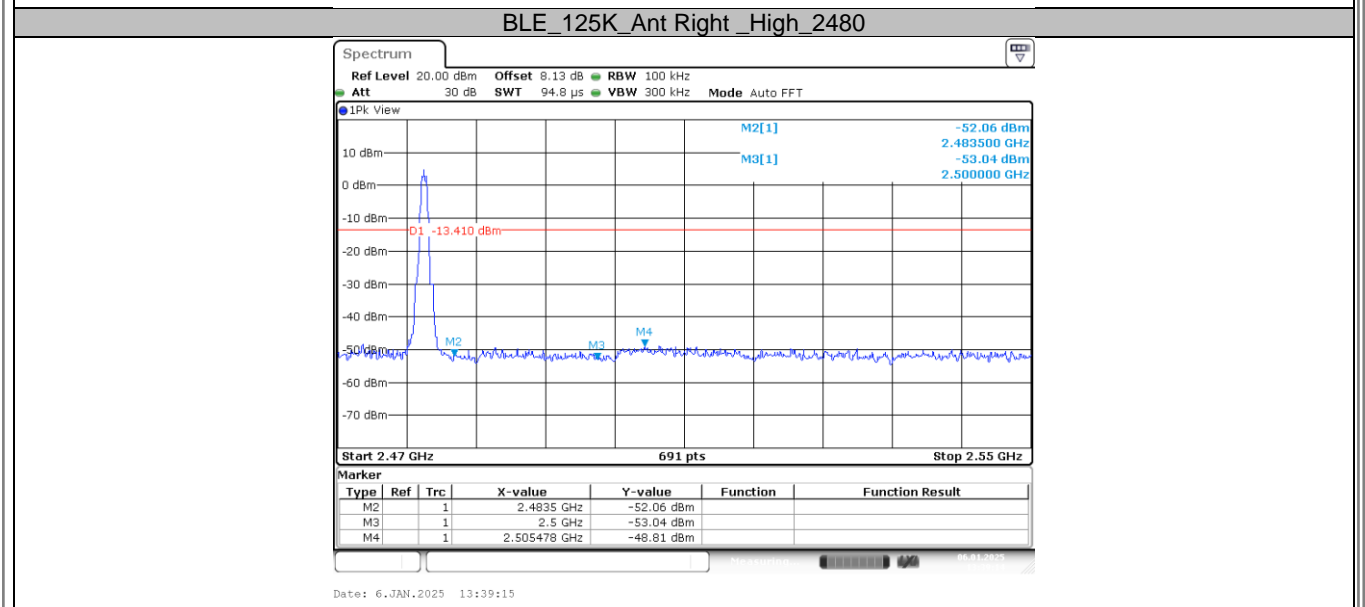
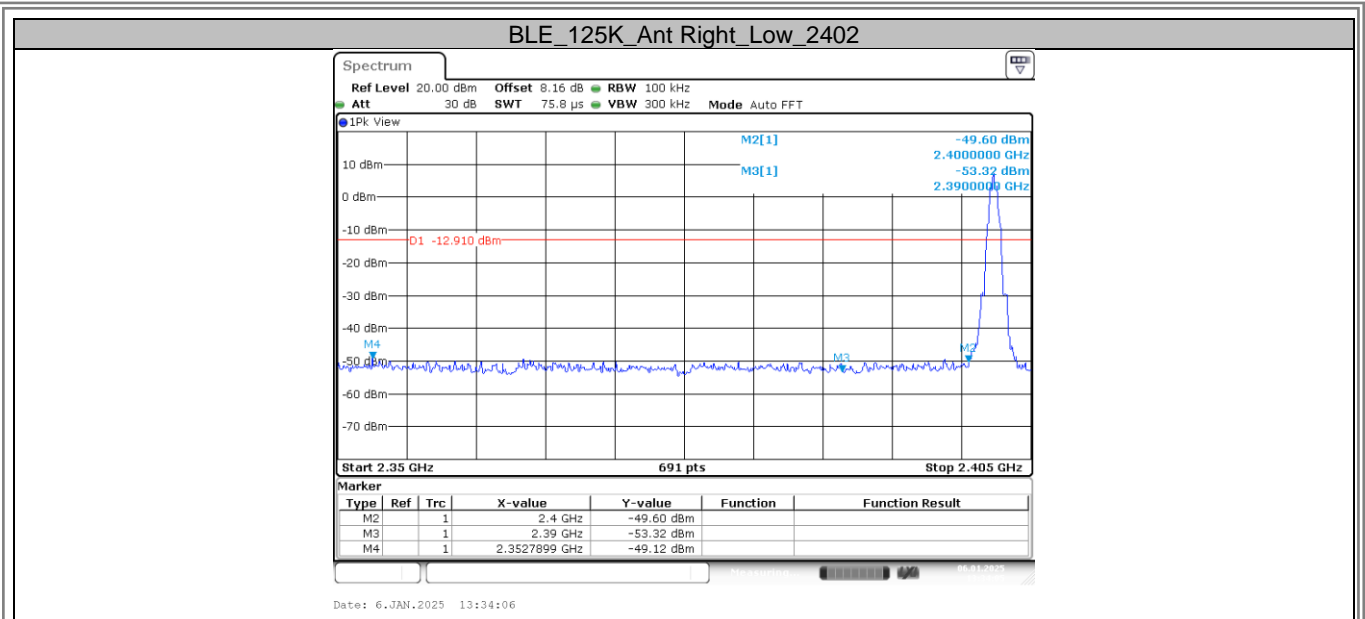


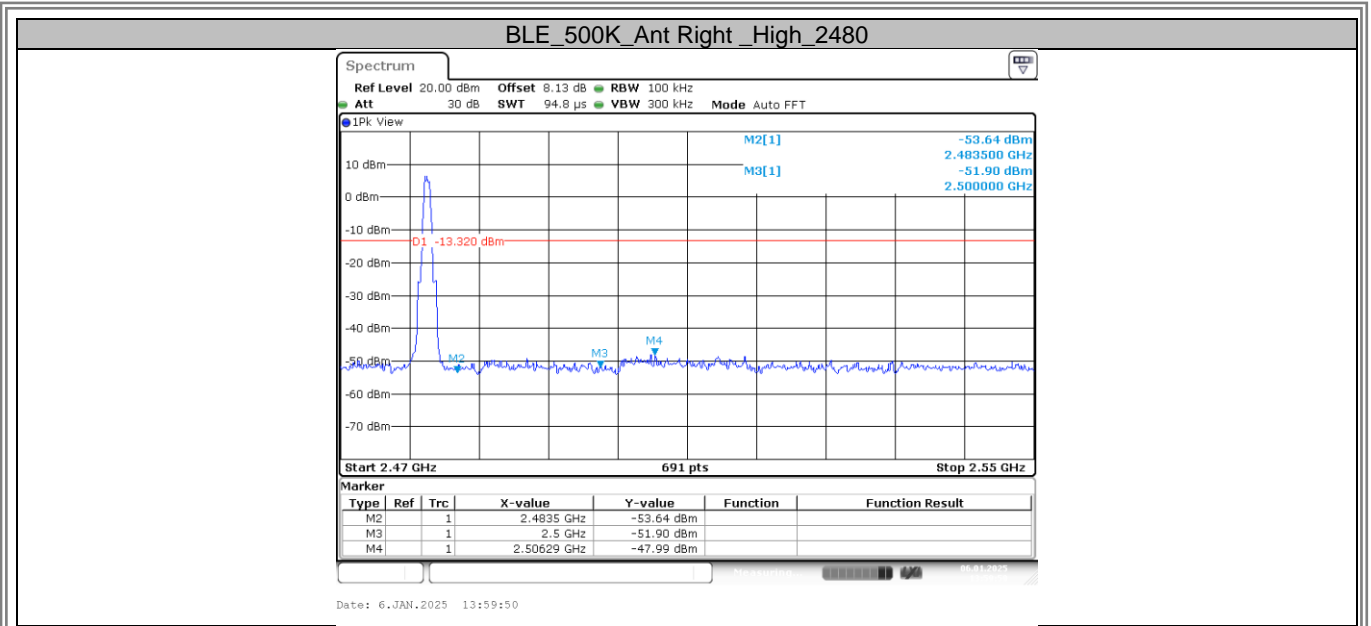
## BLE\_2M\_Ant Right\_Low\_2402





TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_125K	Ant Right	Low	2402	6.60	-49.12	$\leq -12.91$	PASS
		High	2480	6.59	-48.81	$\leq -13.41$	PASS
BLE_500K	Ant Right	Low	2402	7.10	-49.37	$\leq -12.90$	PASS
		High	2480	6.68	-47.99	$\leq -13.32$	PASS

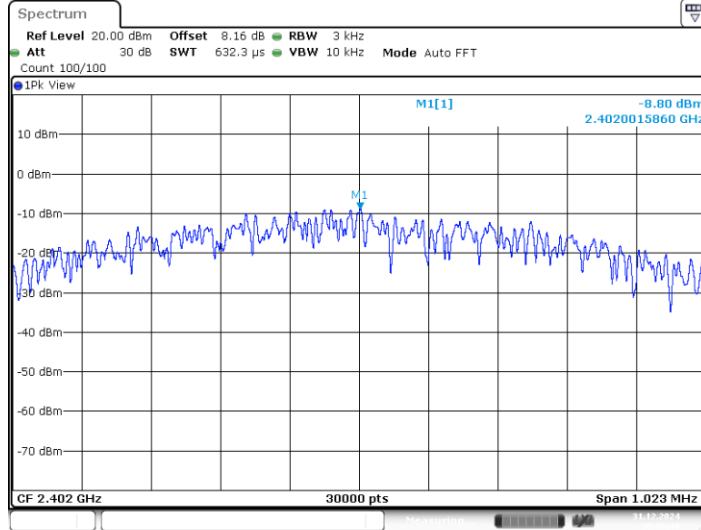




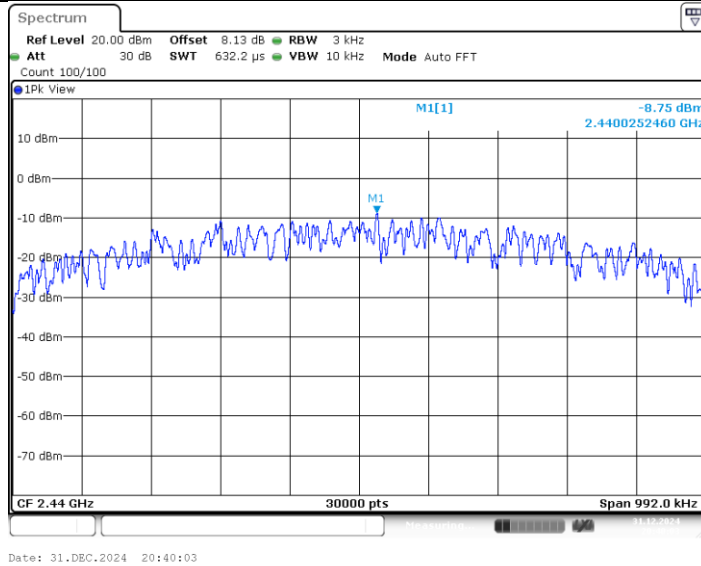
**APPENDIX H- POWER SPECTRAL DENSITY****Power Spectral Density**

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant Left	2402	-8.80	≤8.00	PASS
		2440	-8.75	≤8.00	PASS
		2480	-8.98	≤8.00	PASS
BLE_2M	Ant Left	2402	-11.42	≤8.00	PASS
		2440	-12.03	≤8.00	PASS
		2480	-11.47	≤8.00	PASS

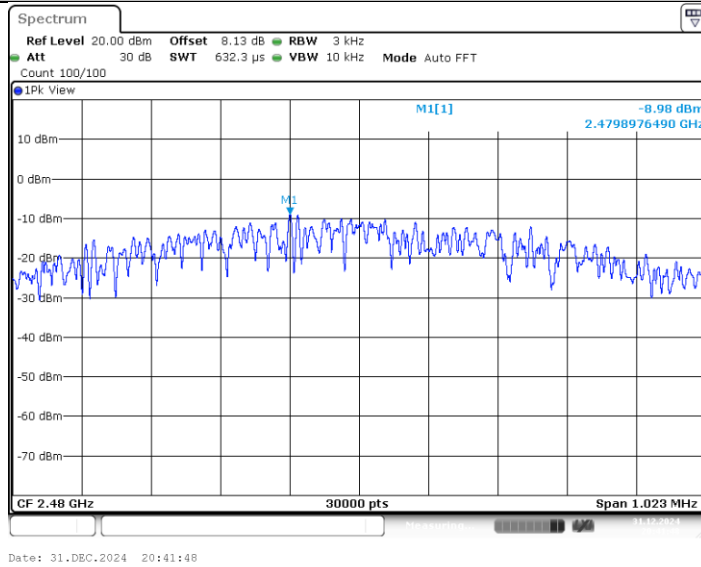
### BLE\_1M\_Ant Left\_2402

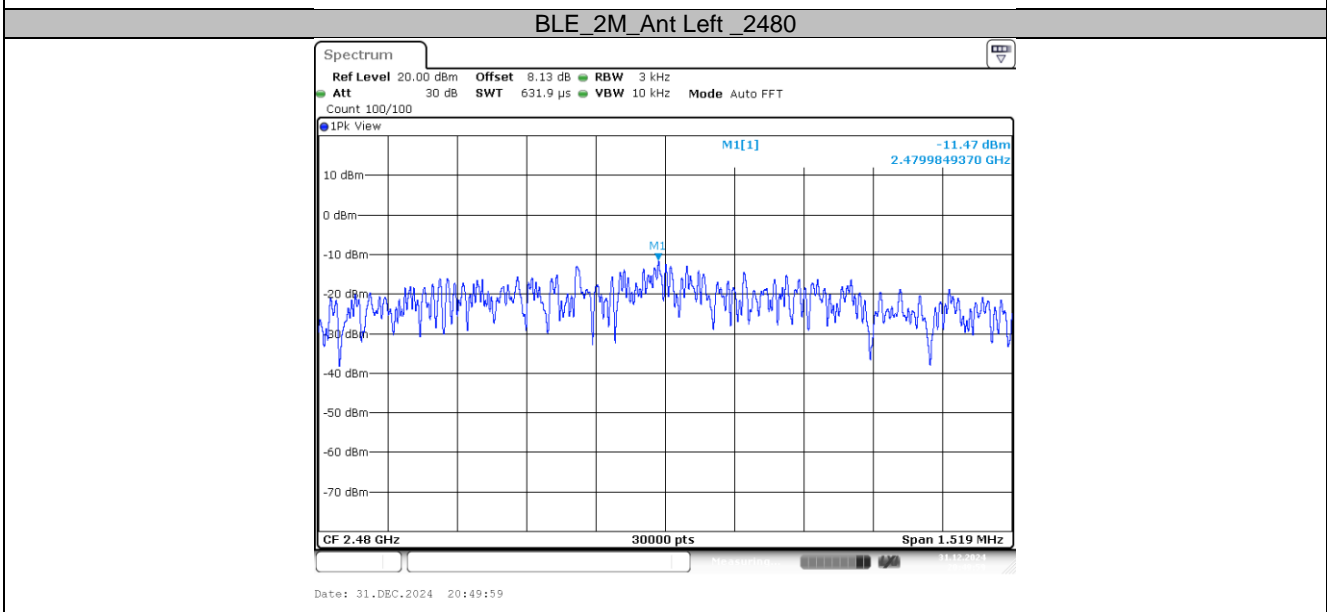
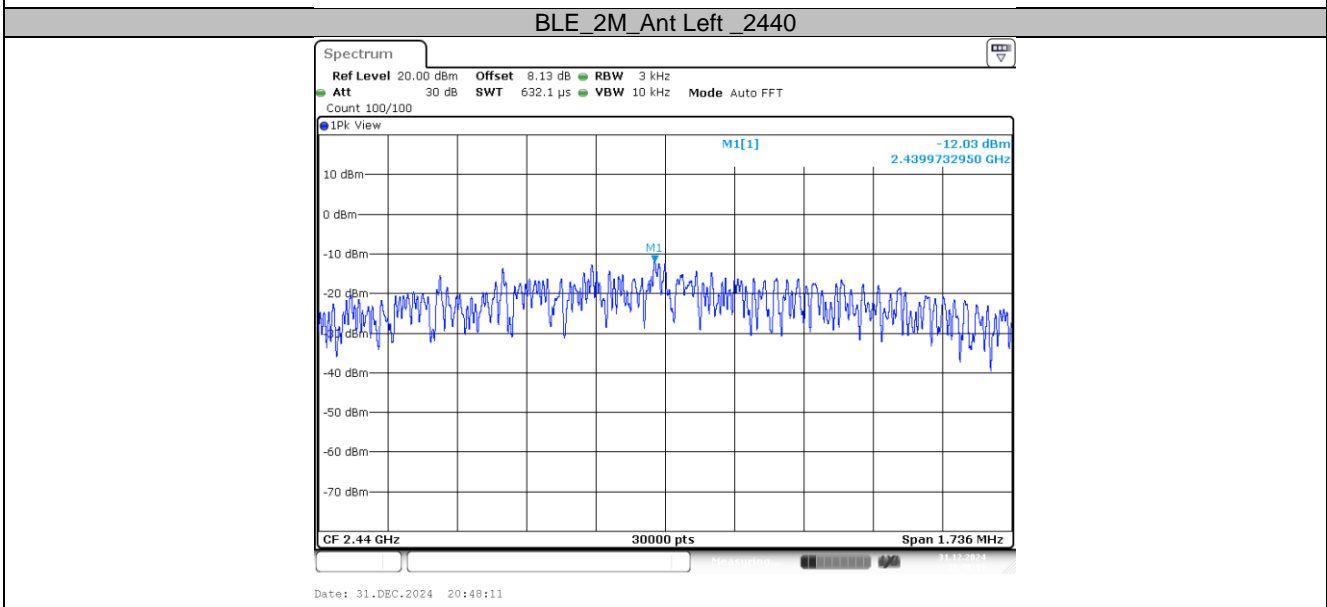
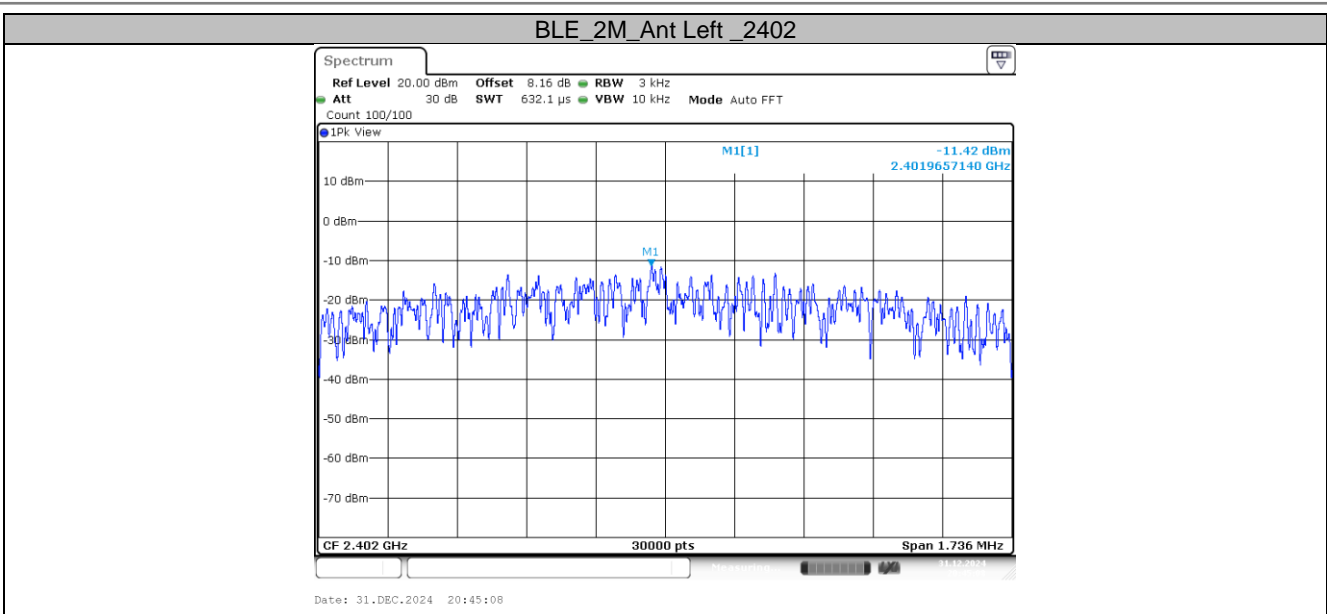


### BLE\_1M\_Ant Left\_2440

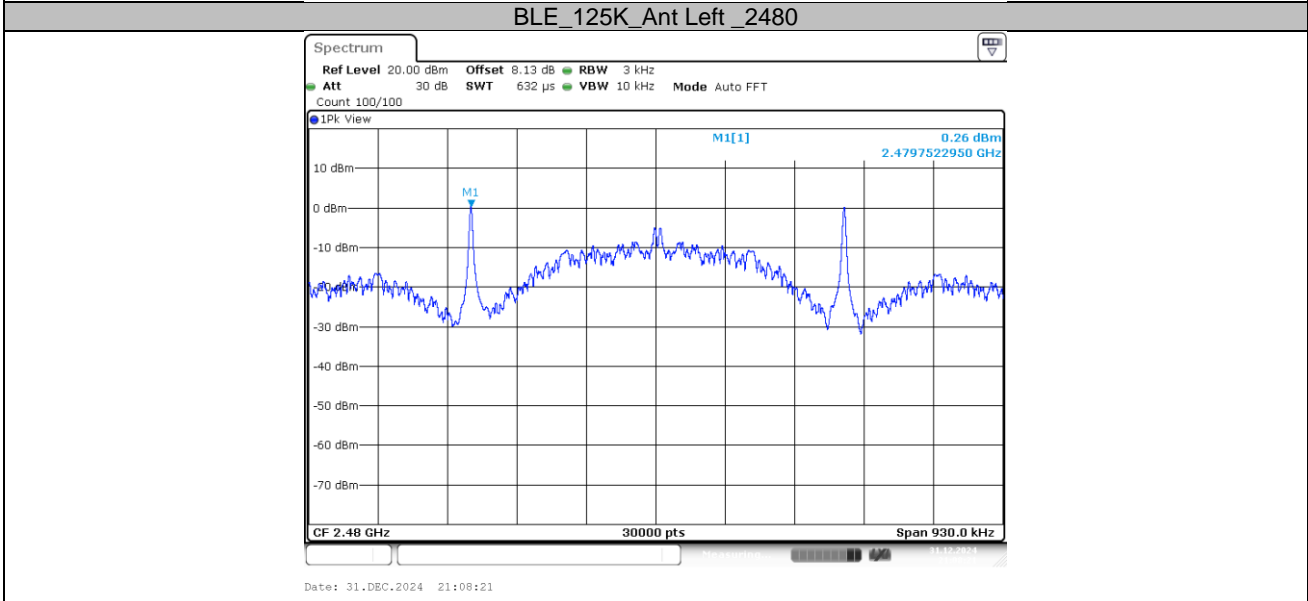
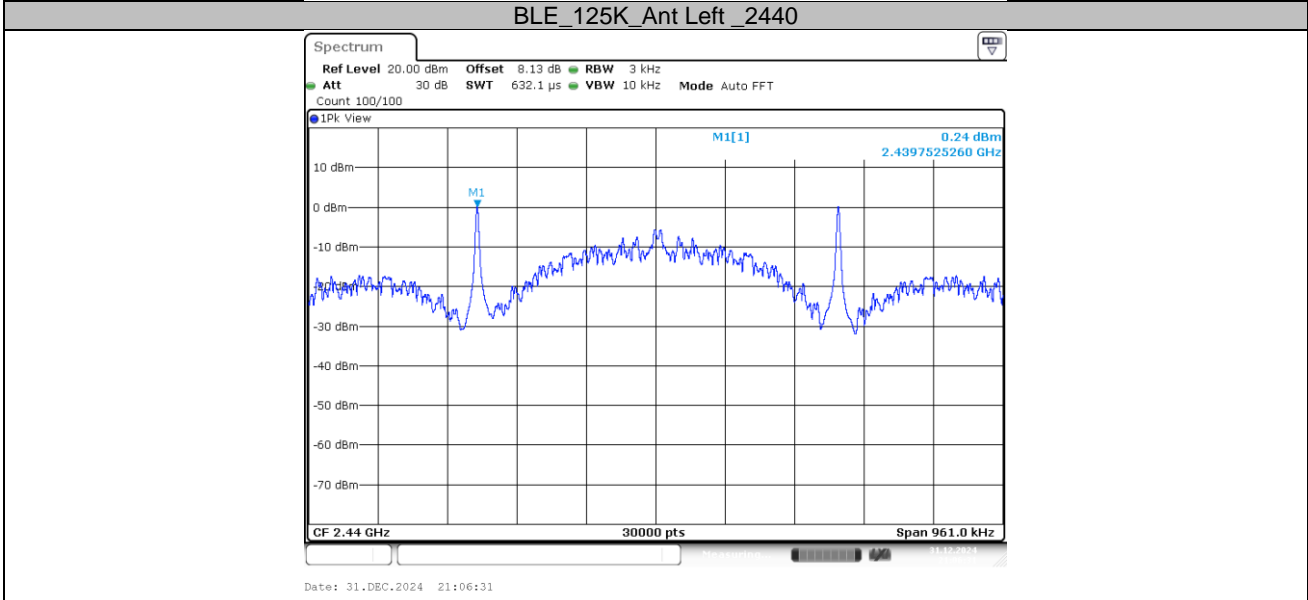
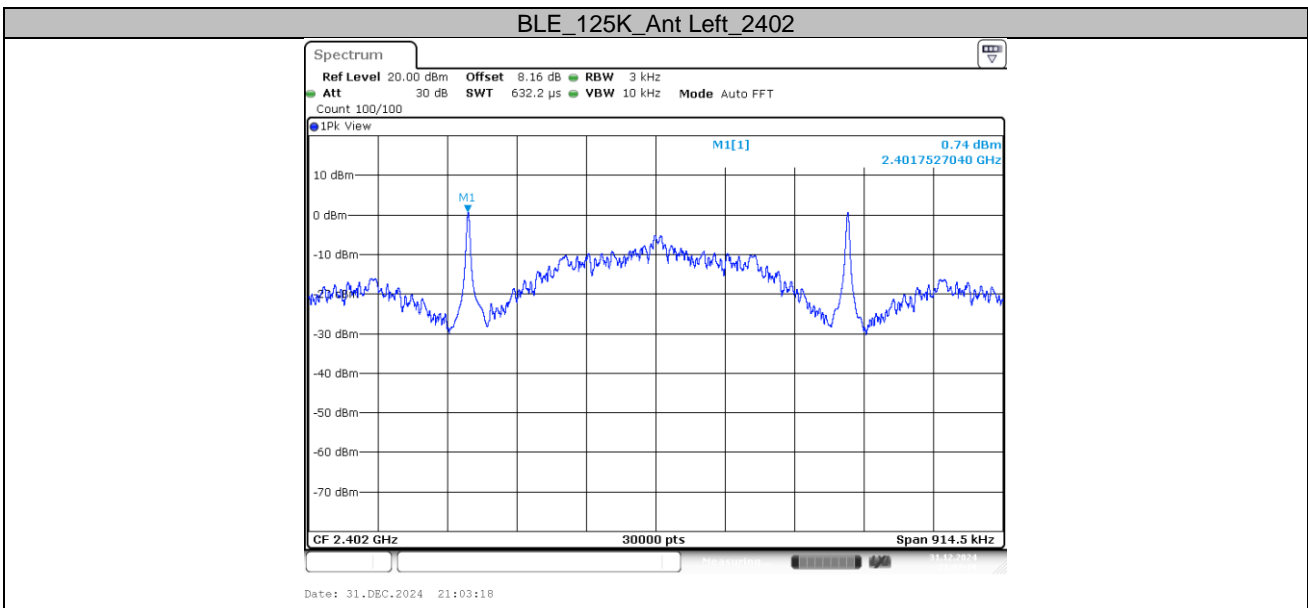


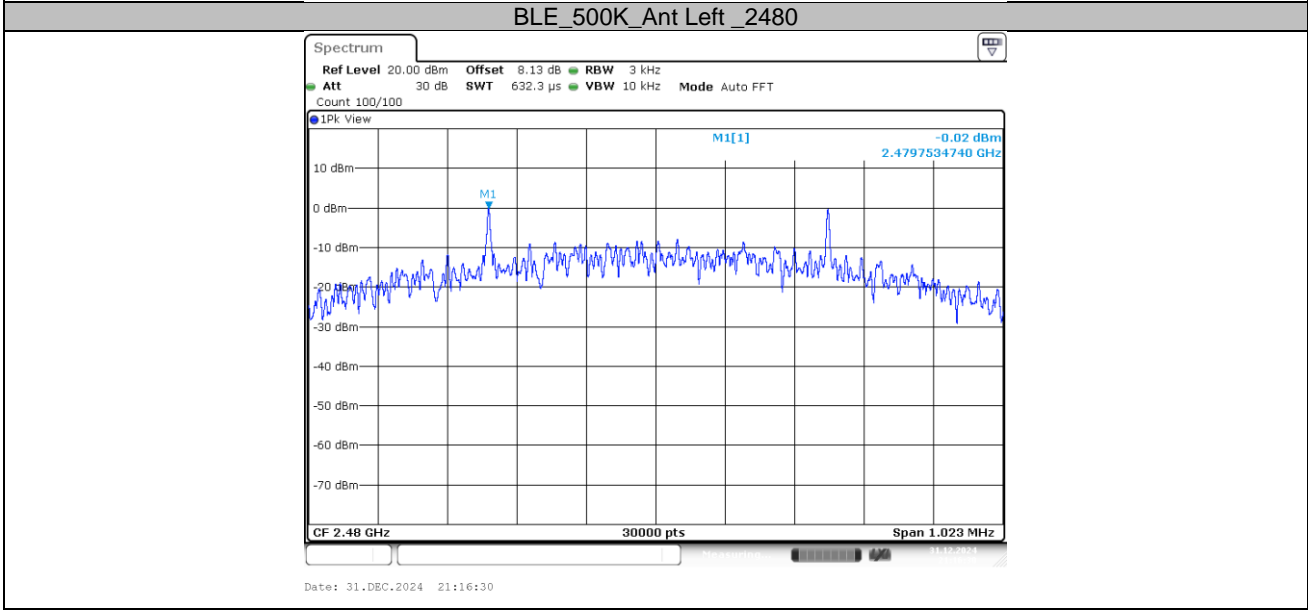
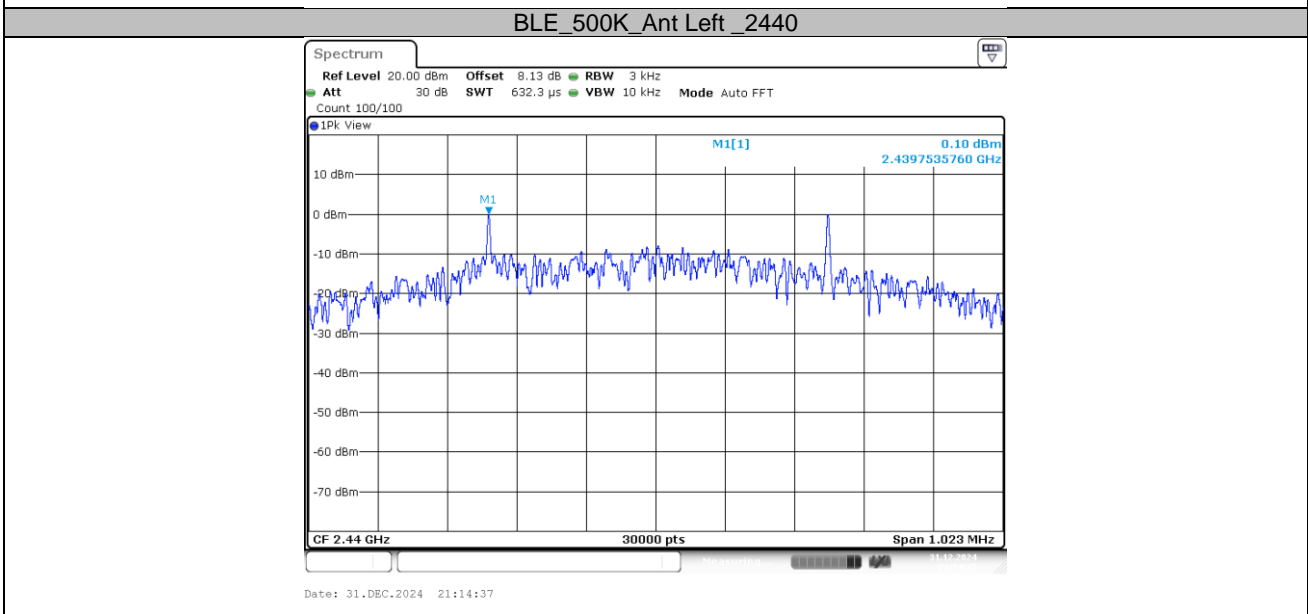
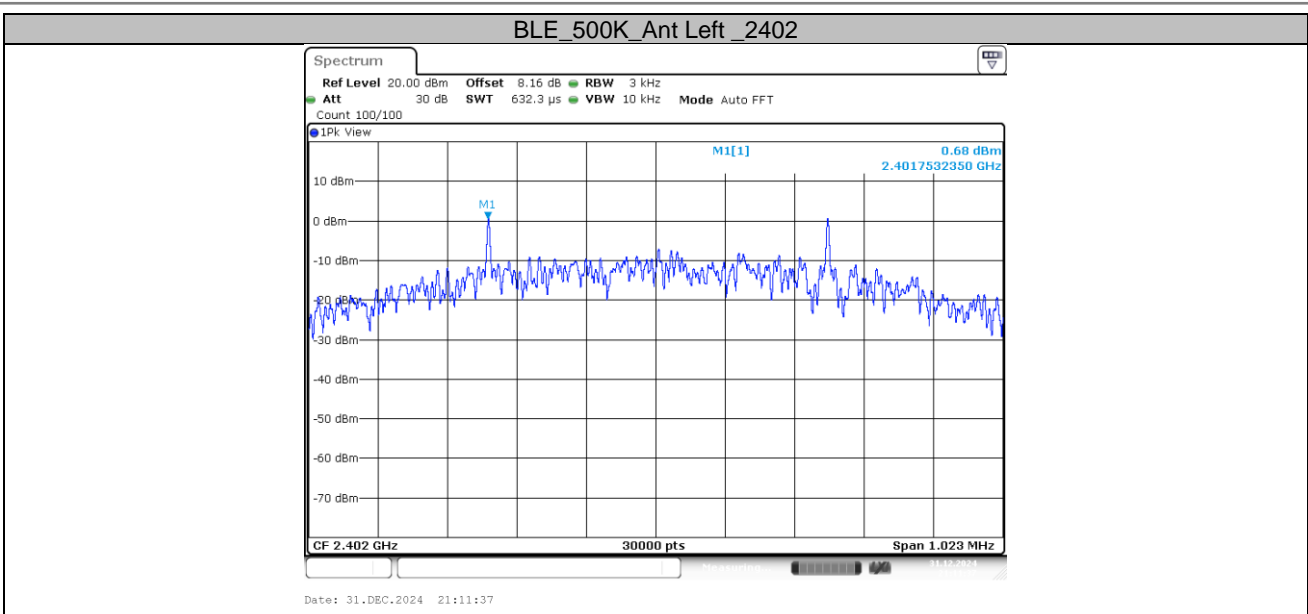
### BLE\_1M\_Ant Left\_2480



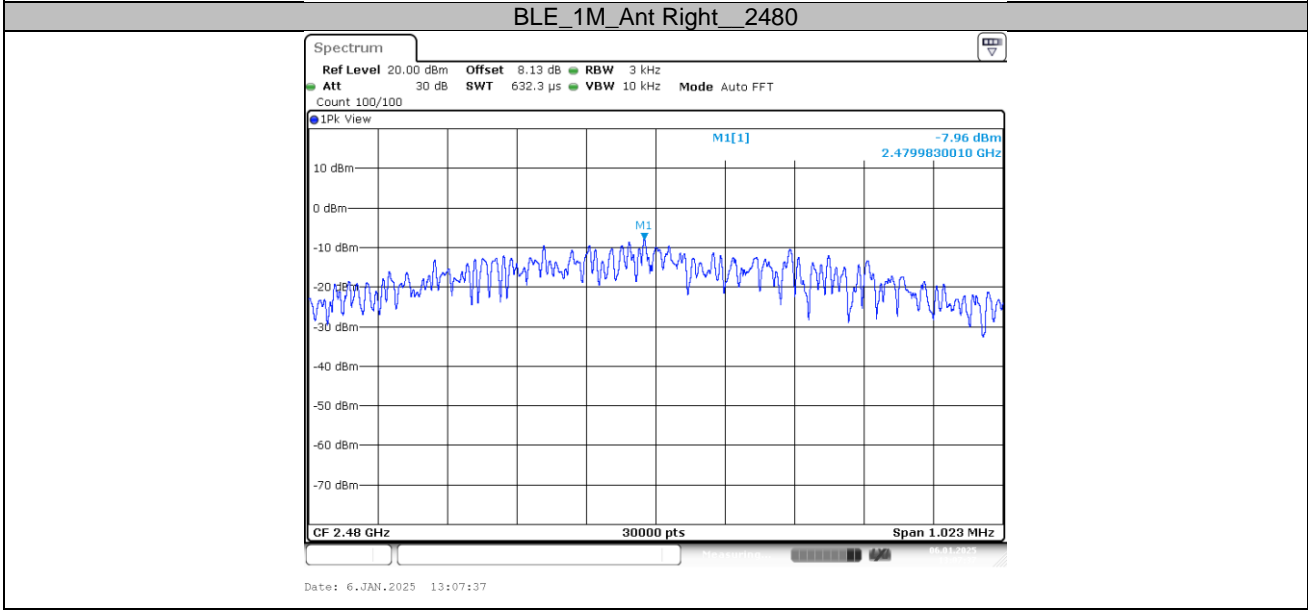
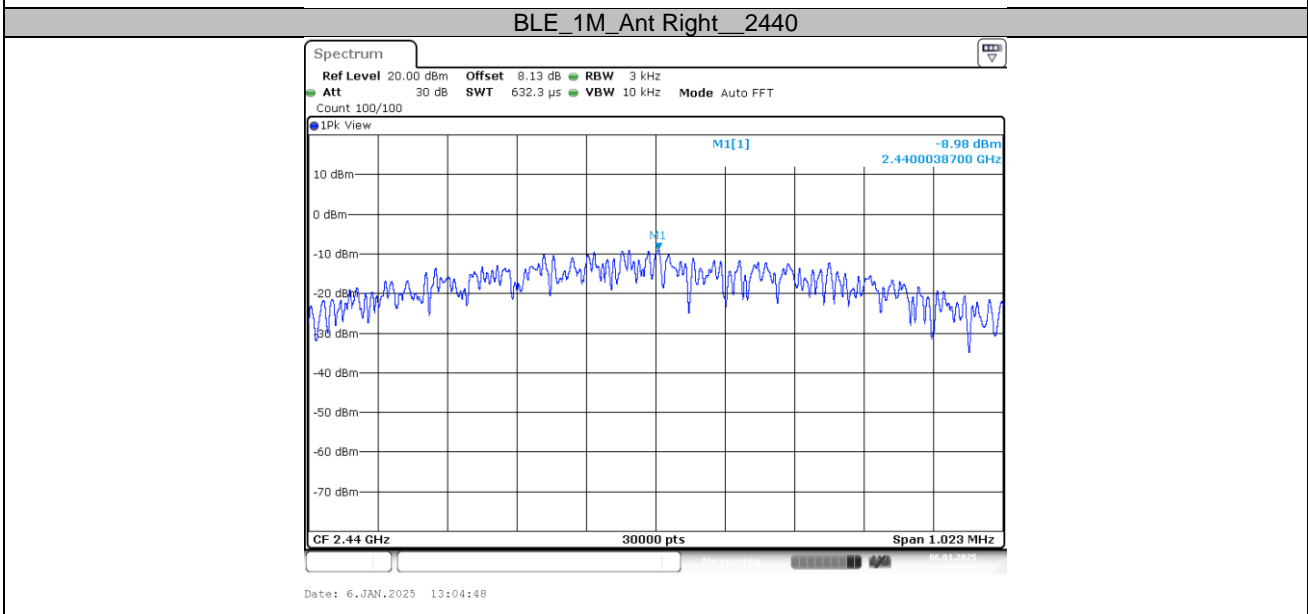
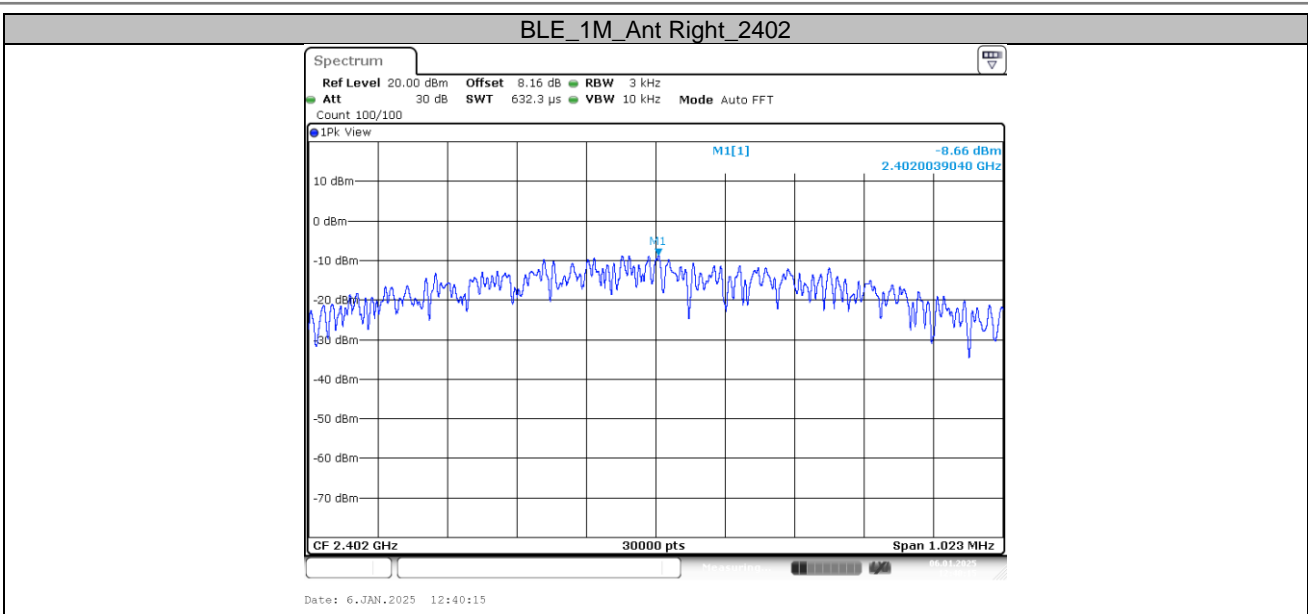


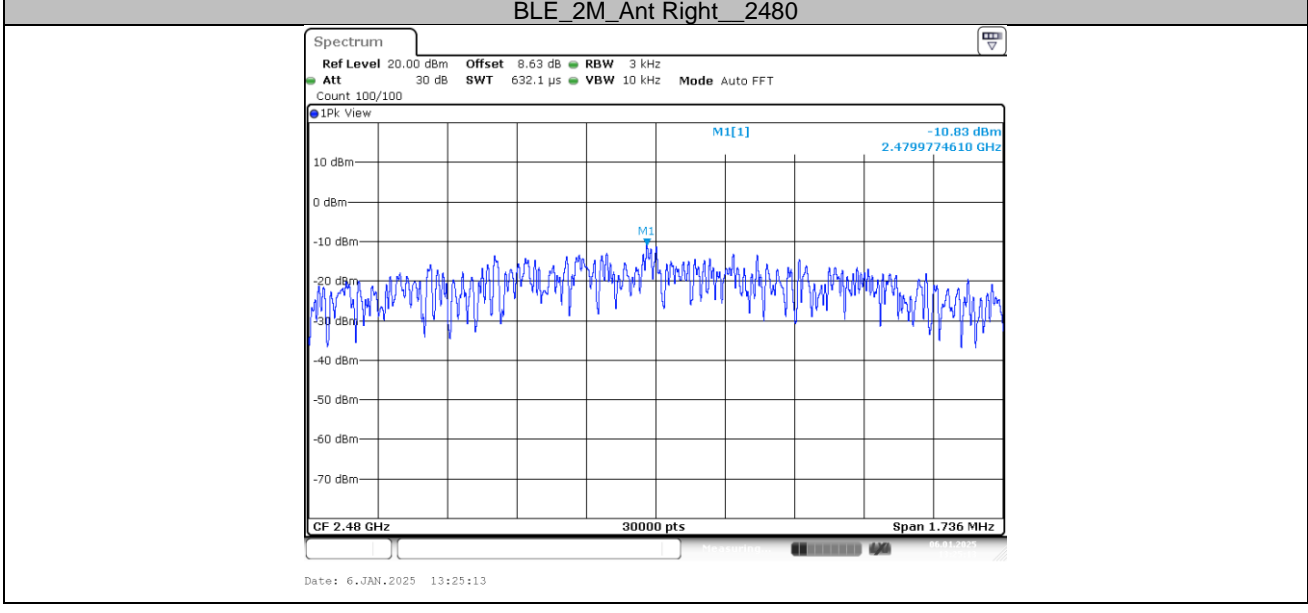
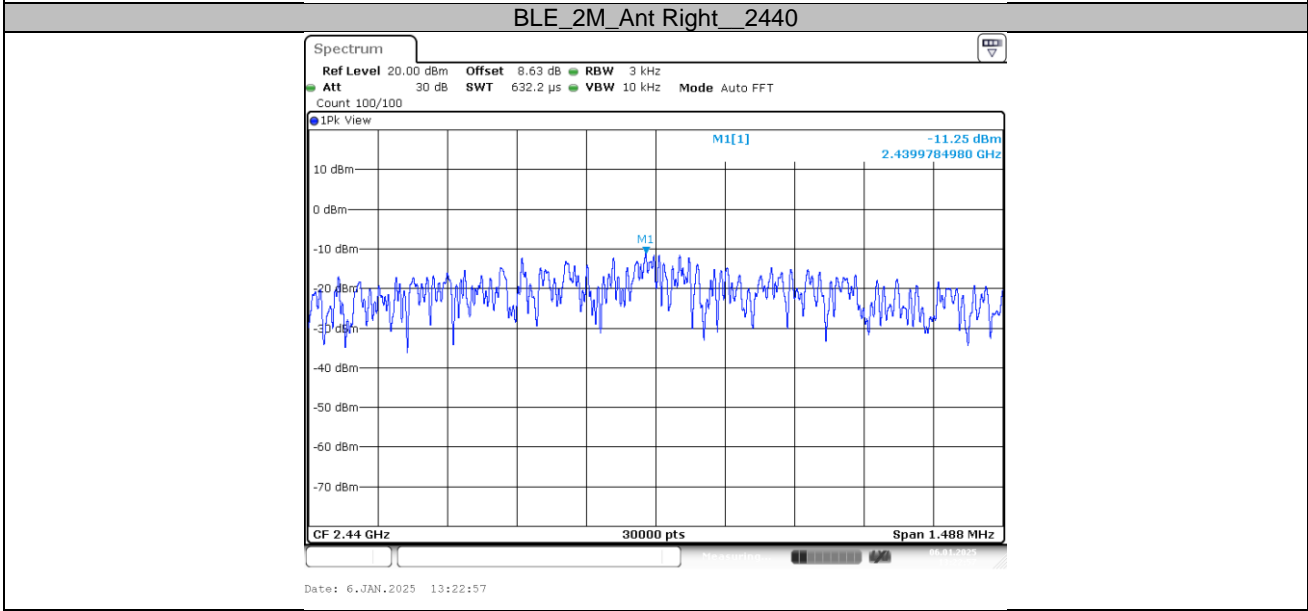
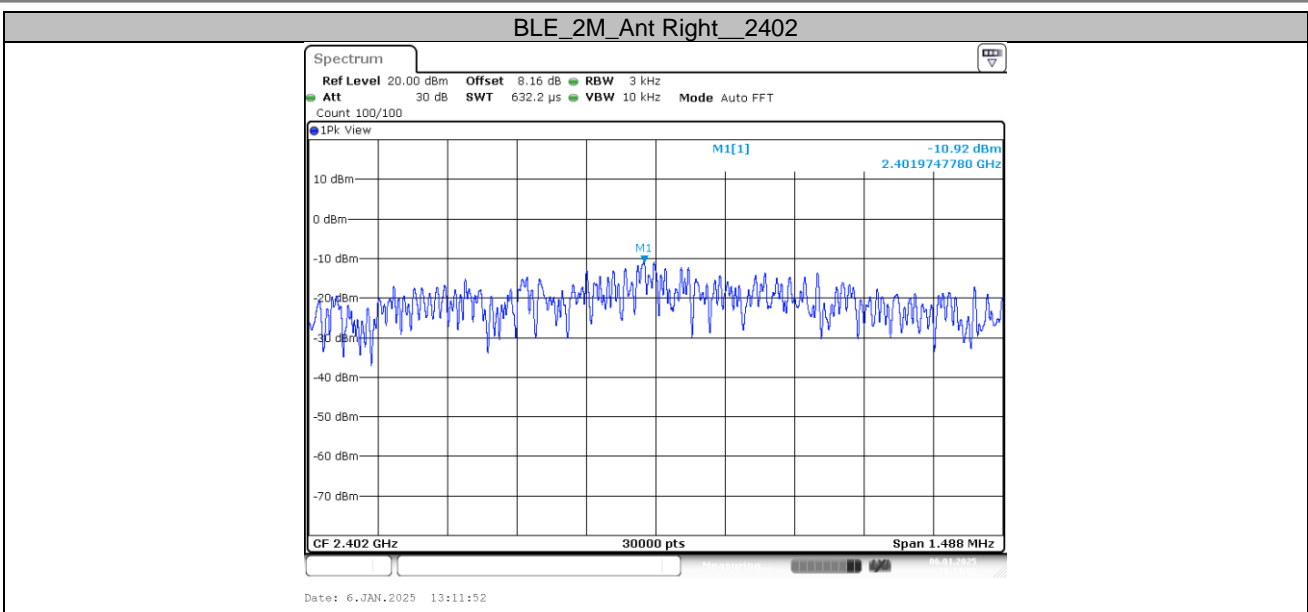
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_125K	Ant Left	2402	0.74	≤8.00	PASS
		2440	0.24	≤8.00	PASS
		2480	0.26	≤8.00	PASS
BLE_125K	Ant Left	2402	0.68	≤8.00	PASS
		2440	0.10	≤8.00	PASS
		2480	-0.02	≤8.00	PASS



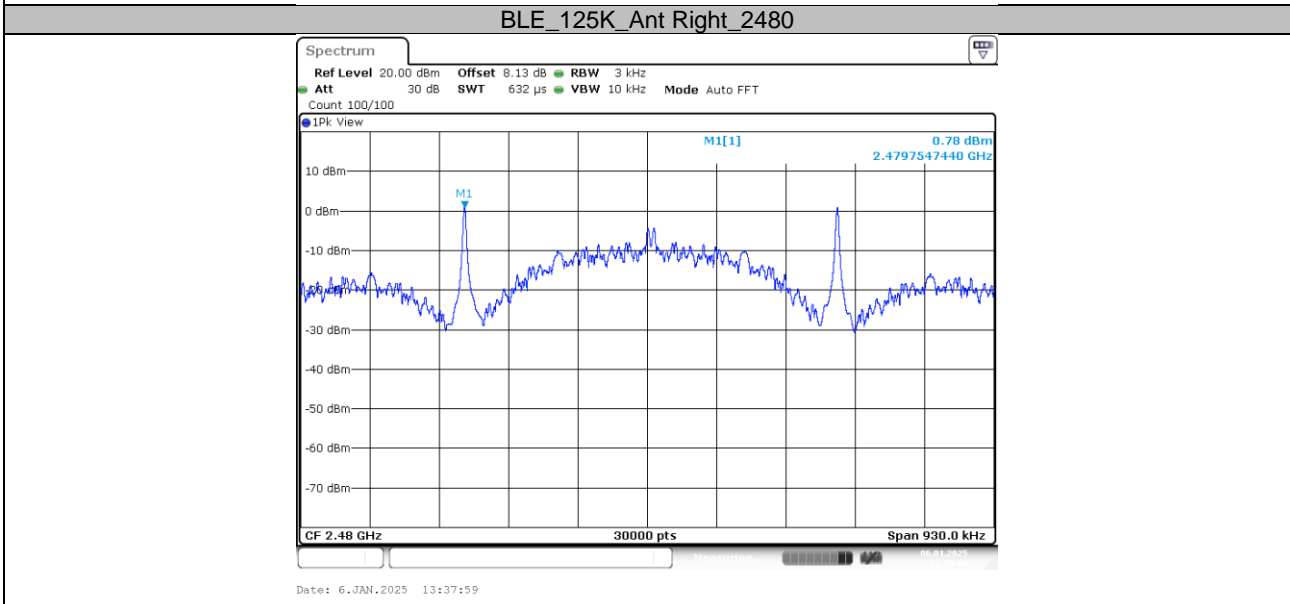
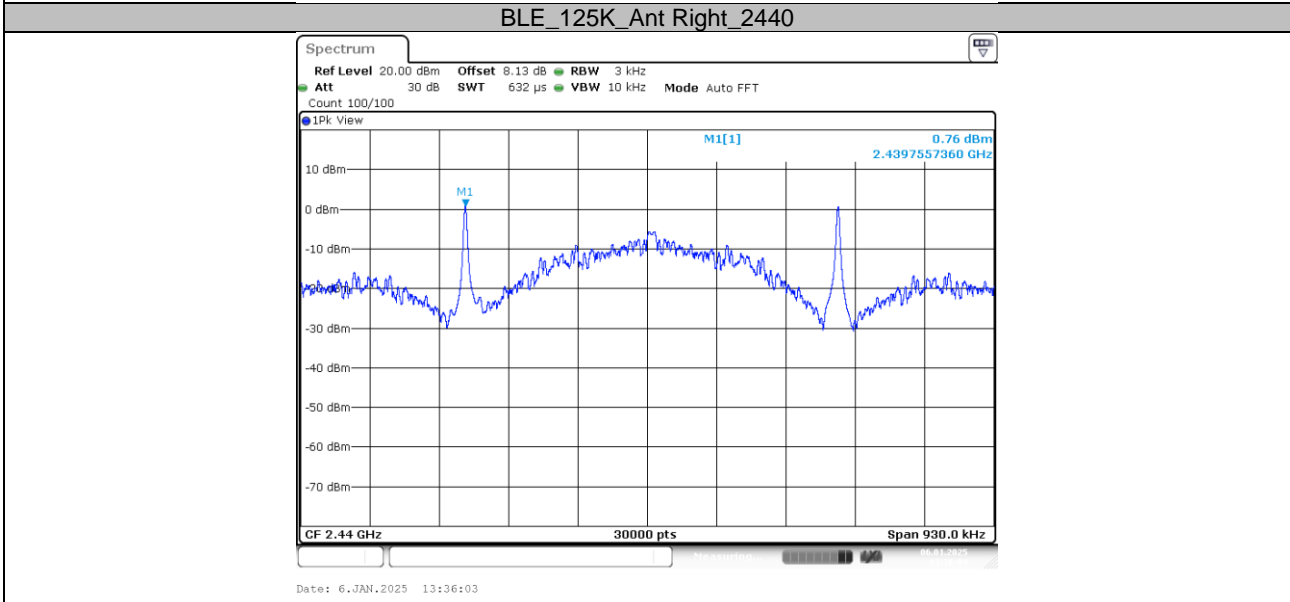
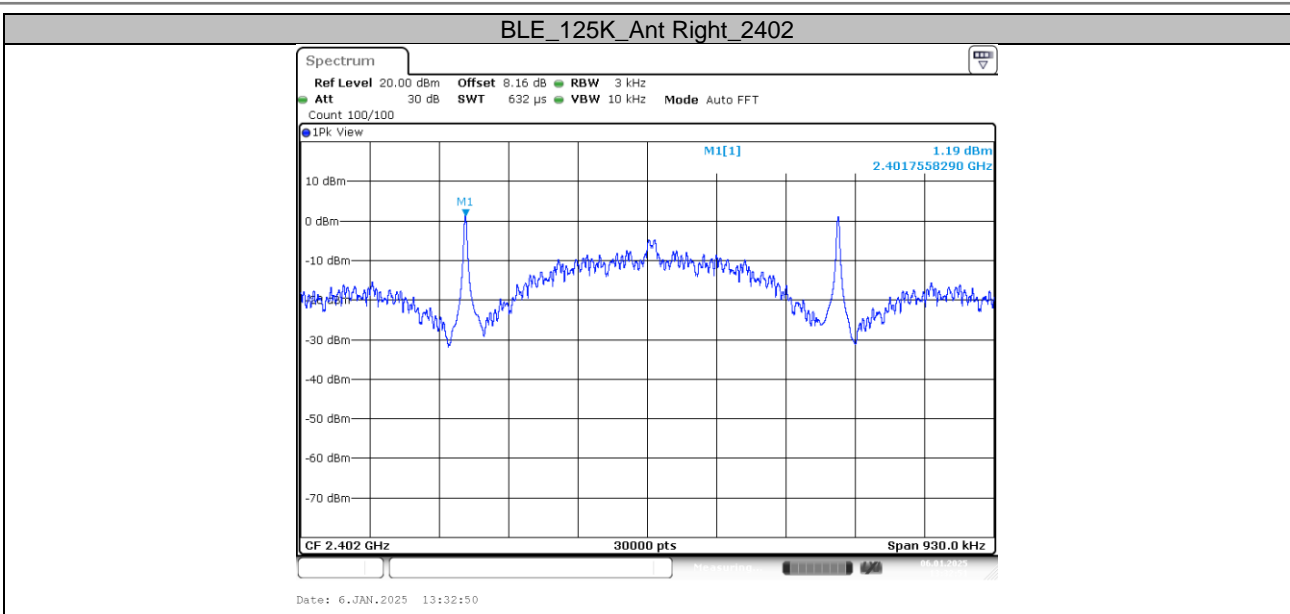


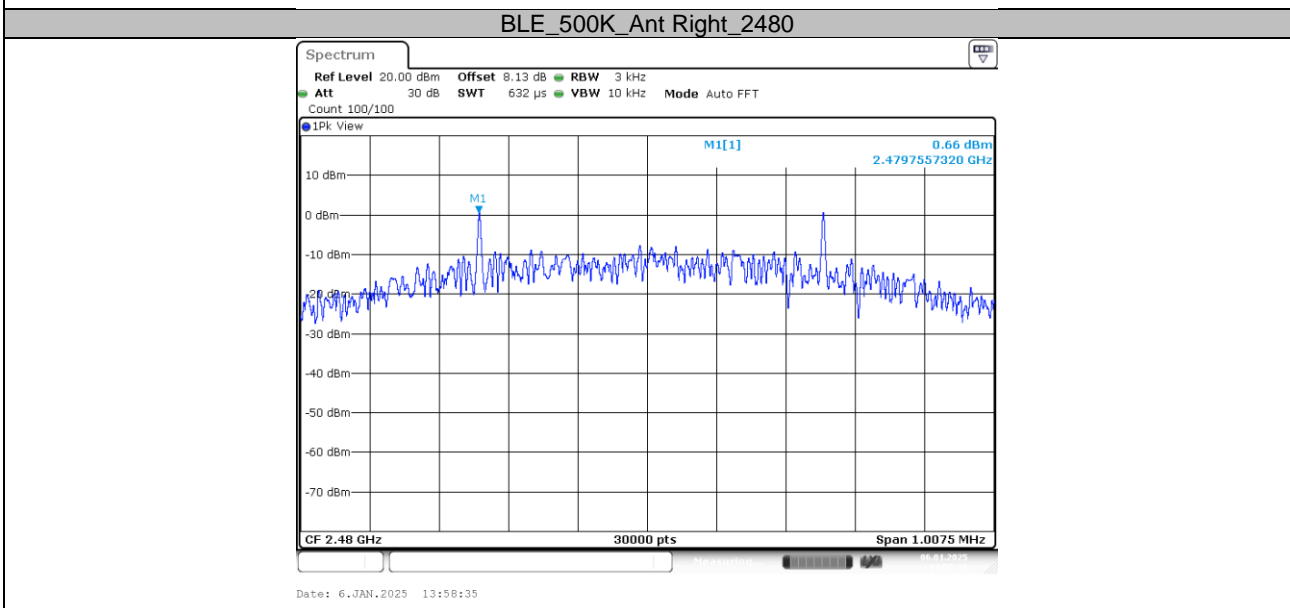
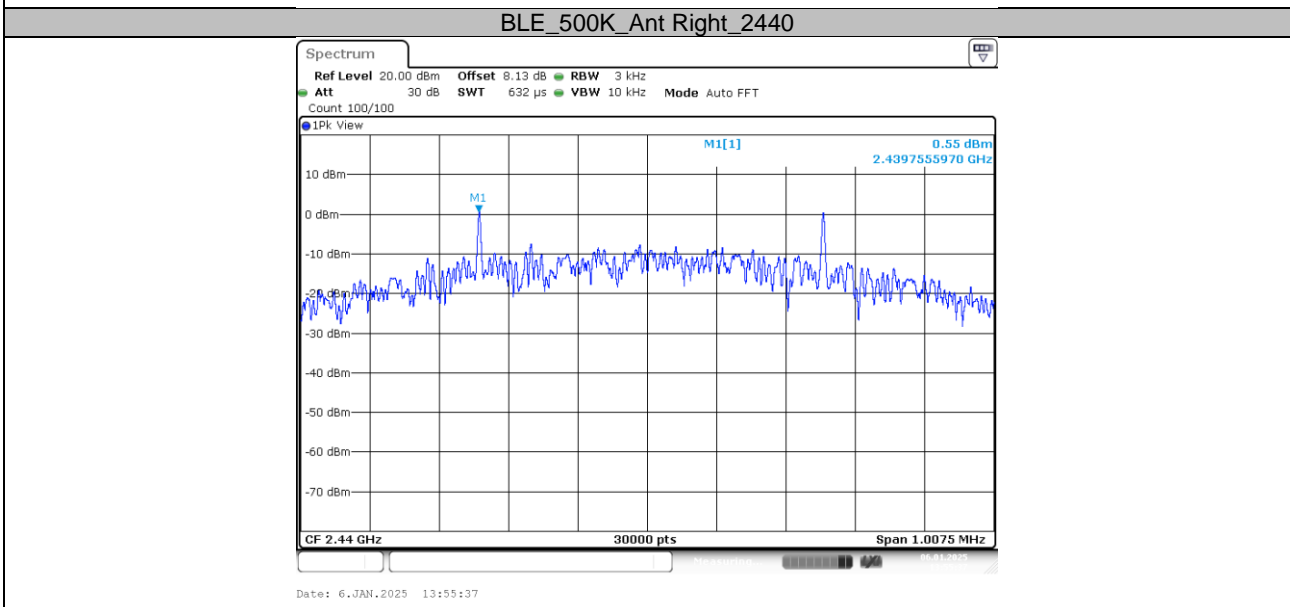
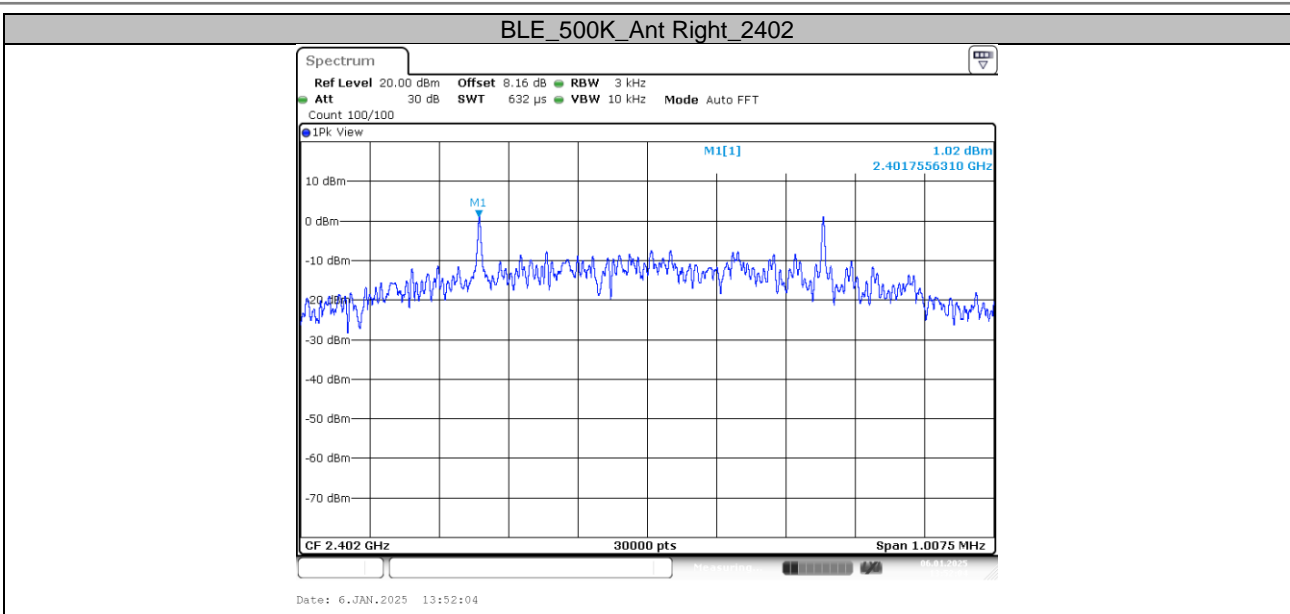
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant Right	2402	-8.66	≤8.00	PASS
		2440	-8.98	≤8.00	PASS
		2480	-7.96	≤8.00	PASS
BLE_2M	Ant Right	2402	-10.92	≤8.00	PASS
		2440	-11.25	≤8.00	PASS
		2480	-10.83	≤8.00	PASS





TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_125K	Ant Right	2402	1.19	≤8.00	
		2440	0.76	≤8.00	PASS
		2480	0.78	≤8.00	PASS
BLE_500K	Ant Right	2402	1.02	≤8.00	PASS
		2440	0.55	≤8.00	PASS
		2480	0.66	≤8.00	PASS

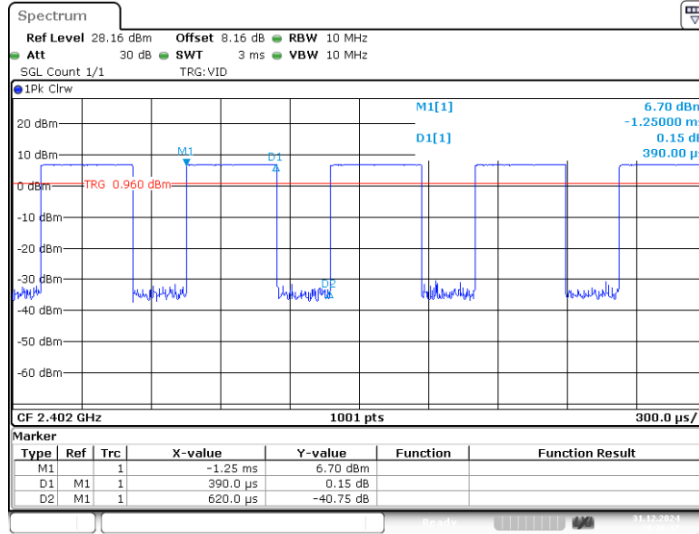




**APPENDIX I DUTY CYCLE**

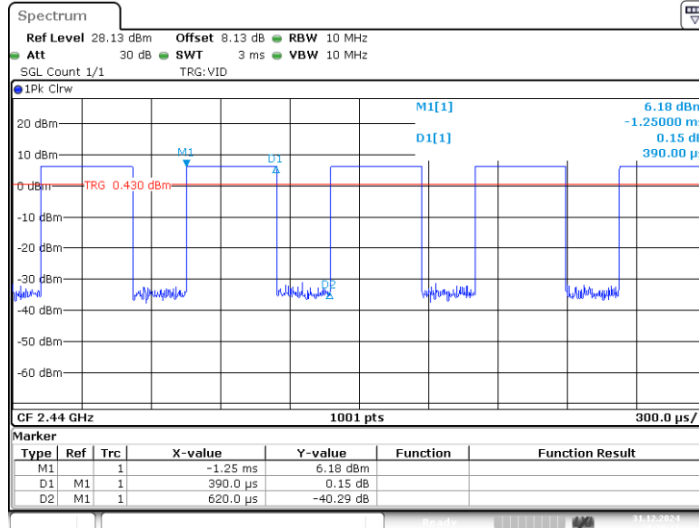
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant Left	2402	0.39	0.62	0.6290	62.90	2.01	---	---
		2440	0.39	0.62	0.6290	62.90	2.01	---	---
		2480	0.39	0.62	0.6290	62.90	2.01	---	---
BLE_2M	Ant Left	2402	0.21	0.62	0.3387	33.87	4.70	---	---
		2440	0.21	0.62	0.3387	33.87	4.70	---	---
		2480	0.21	0.62	0.3387	33.87	4.70	---	---

## BLE\_1M\_Ant Left\_2402



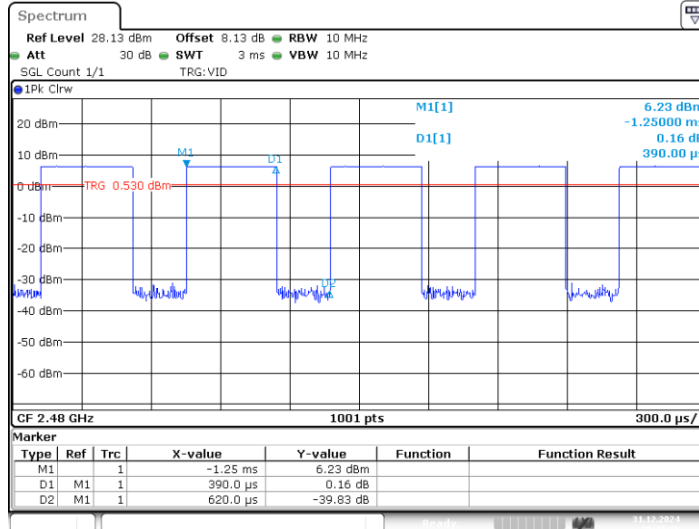
Date: 31.DEC.2024 20:36:17

## BLE\_1M\_Ant Left\_2440



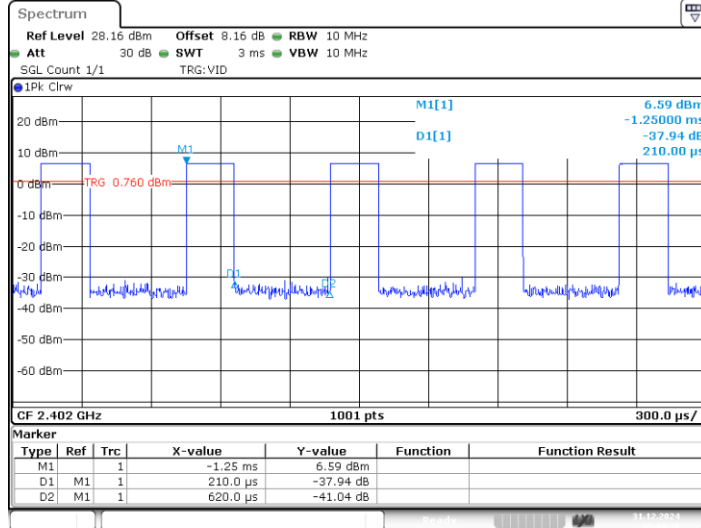
Date: 31.DEC.2024 20:39:31

## BLE\_1M\_Ant Left\_2480

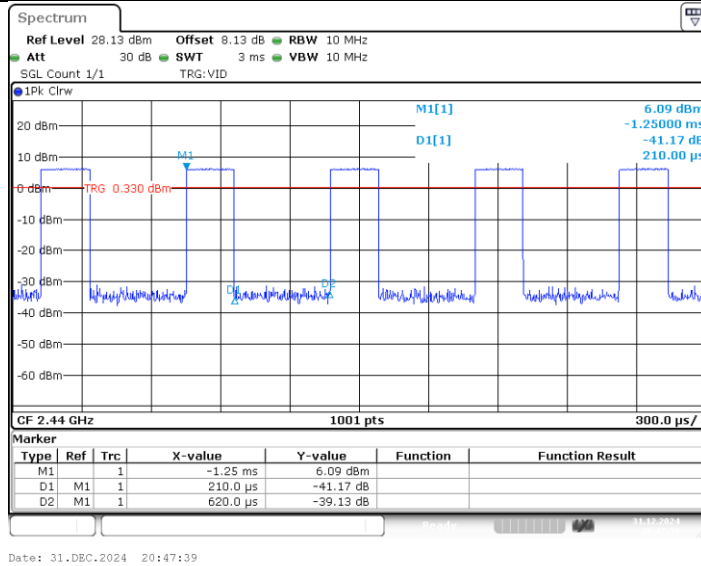


Date: 31.DEC.2024 20:41:16

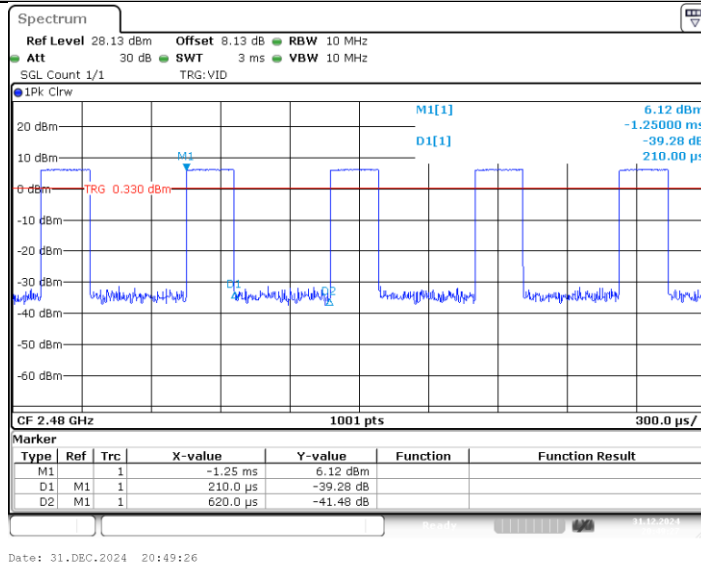
## BLE\_2M\_Ant Left\_2402



## BLE\_2M\_Ant Left\_2440

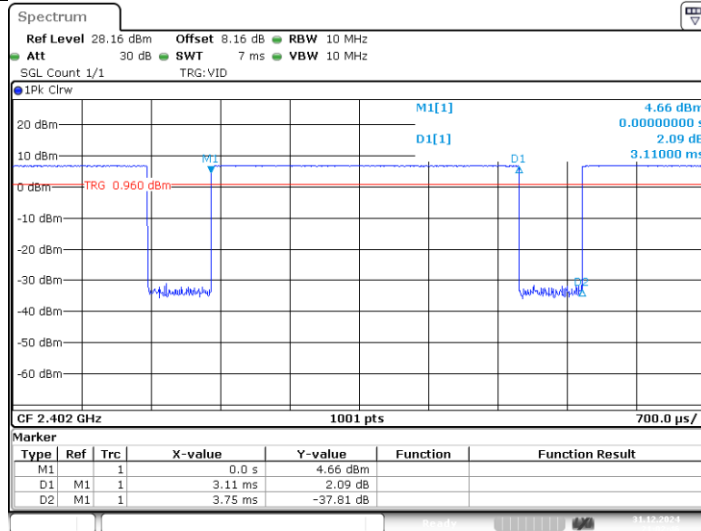


## BLE\_2M\_Ant Left\_2480

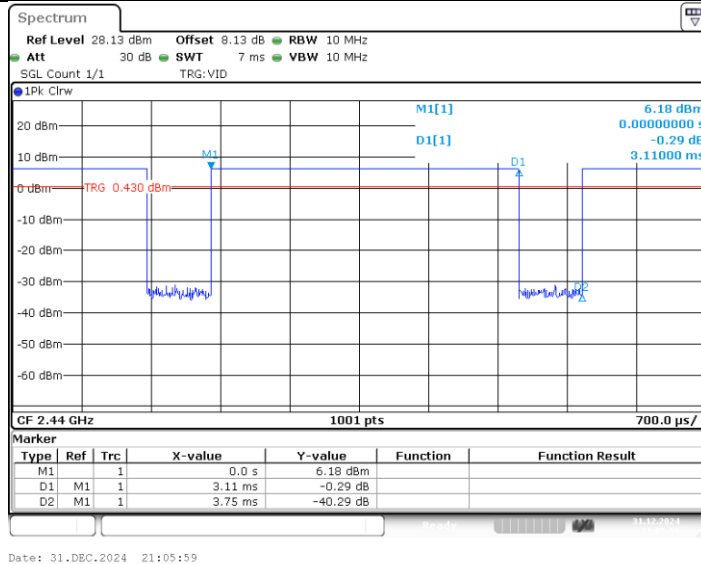


TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_125K	Ant Left	2402	3.11	3.75	0.8293	82.93	0.81	---	---
		2440	3.11	3.75	0.8293	82.93	0.81	---	---
		2480	3.10	3.75	0.8267	82.67	0.83	---	---
BLE_500K	Ant Left	2402	1.08	1.88	0.5745	57.45	2.41	---	---
		2440	1.08	1.88	0.5745	57.45	2.41	---	---
		2480	1.08	1.88	0.5745	57.45	2.41	---	---

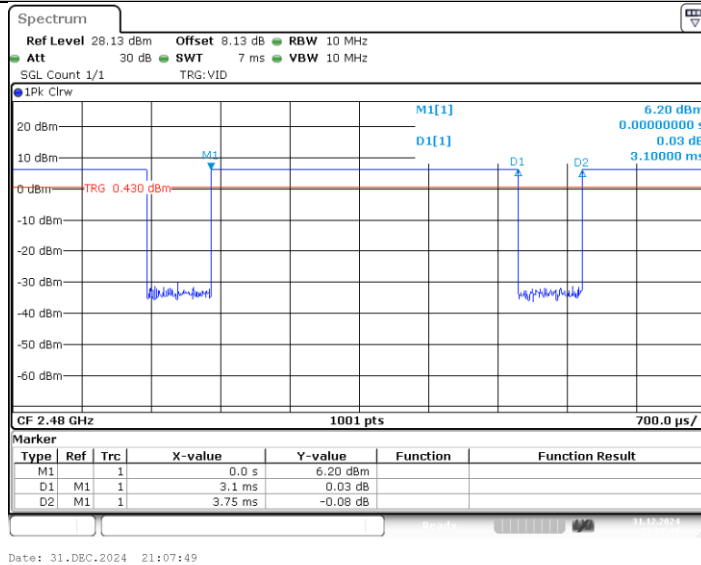
## BLE\_125K\_Ant Left\_2402

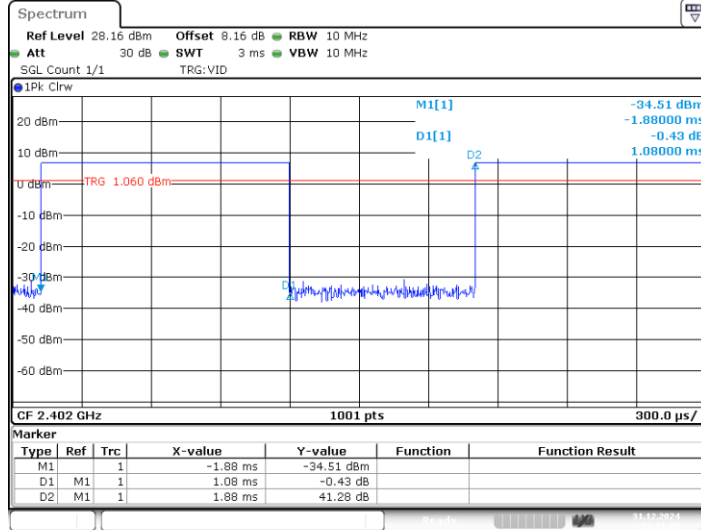
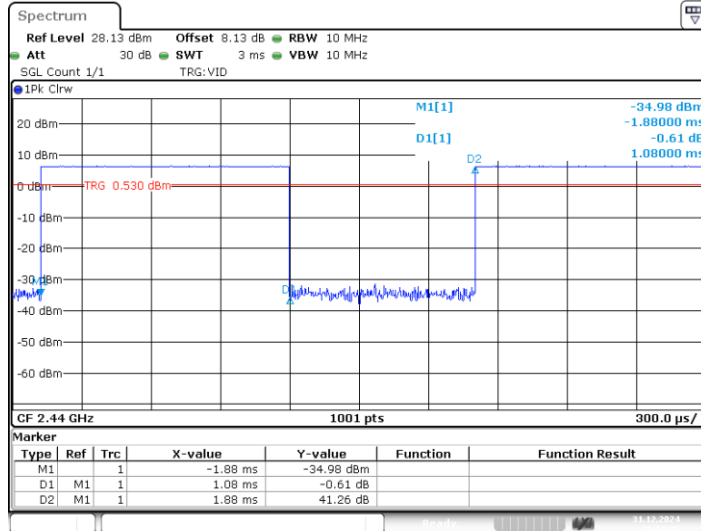
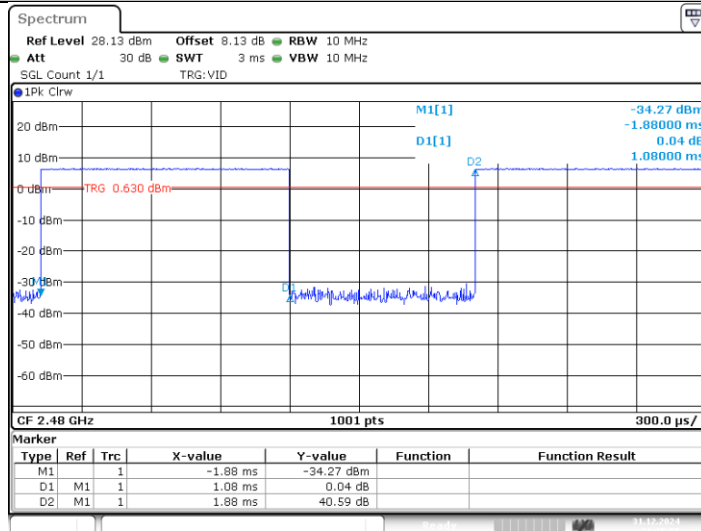


## BLE\_125K\_Ant Left\_2440



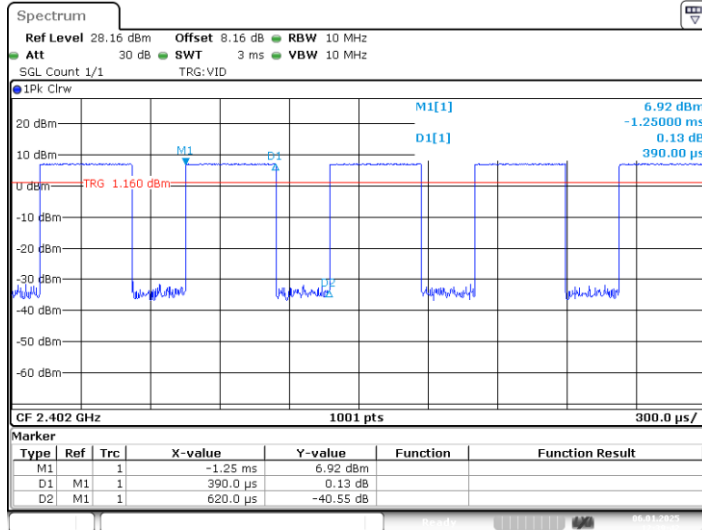
## BLE\_125K\_Ant Left\_2480



**BLE\_500K\_Ant Left\_2402**

**BLE\_500K\_Ant Left\_2440**

**BLE\_500K\_Ant Left\_2480**


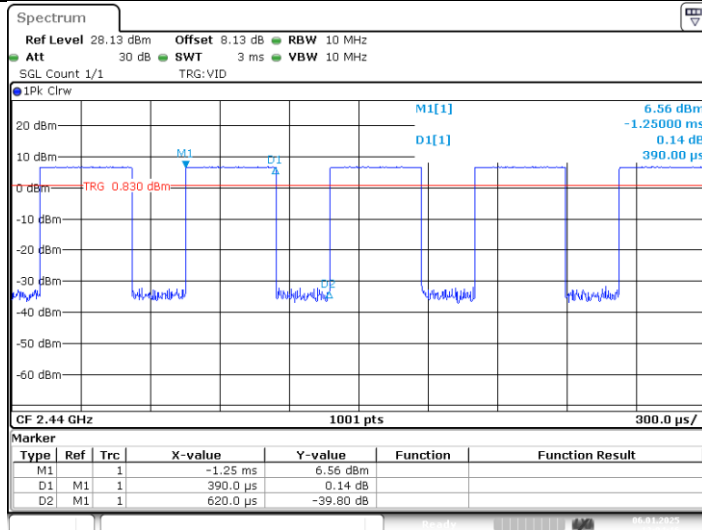
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant Right	2402	0.39	0.62	0.6290	62.90	2.01	---	---
		2440	0.39	0.62	0.6290	62.90	2.01	---	---
		2480	0.39	0.62	0.6290	62.90	2.01	---	---
BLE_2M	Ant Right	2402	0.21	0.62	0.3387	33.87	4.70	---	---
		2440	0.21	0.62	0.3387	33.87	4.70	---	---
		2480	0.21	0.62	0.3387	33.87	4.70	---	---

## BLE\_1M\_Ant Right\_2402



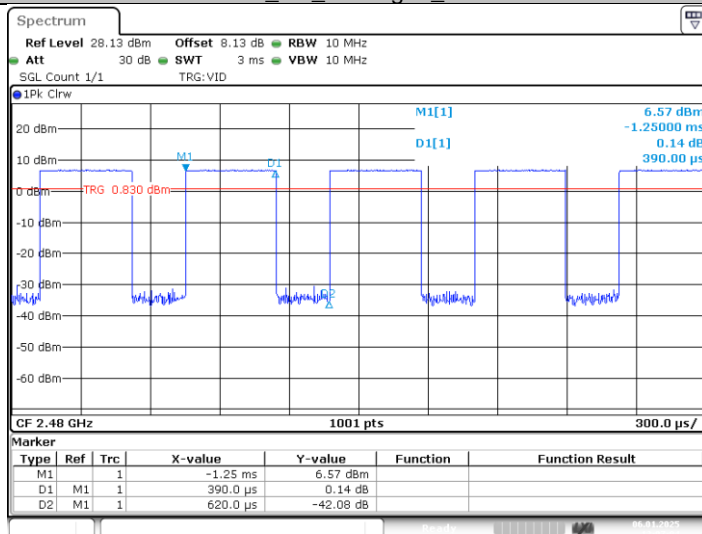
Date: 6.JAN.2025 12:39:42

## BLE\_1M\_Ant Right\_2440



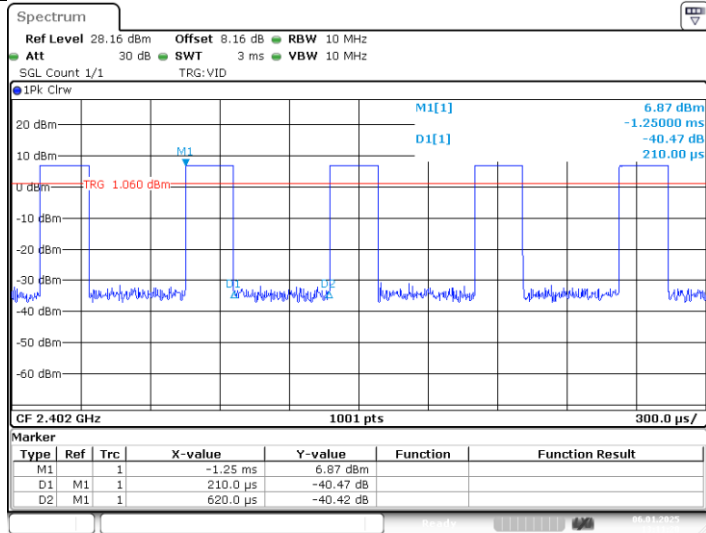
Date: 6.JAN.2025 13:04:16

## BLE\_1M\_Ant Right\_2480

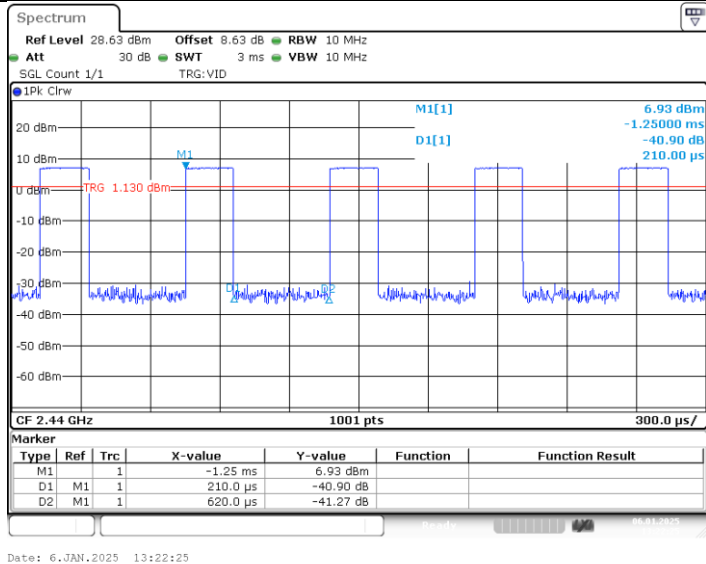


Date: 6.JAN.2025 13:07:04

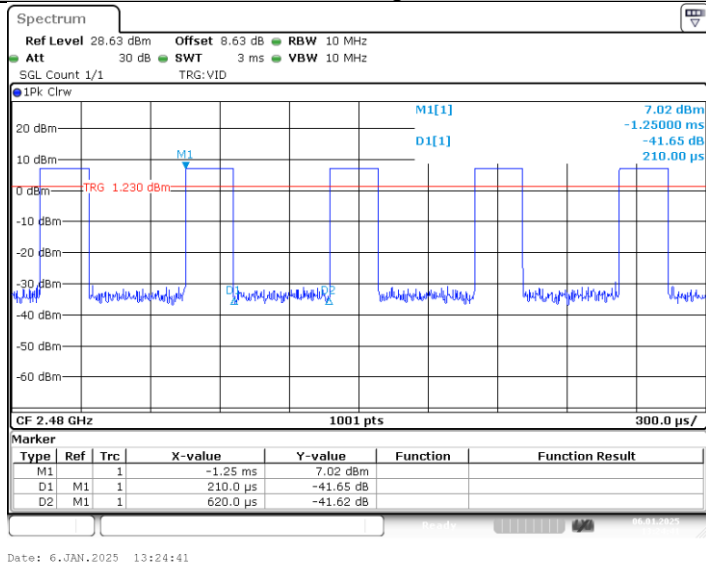
## BLE\_2M\_Ant Right\_2402



## BLE\_2M\_Ant Right\_2440

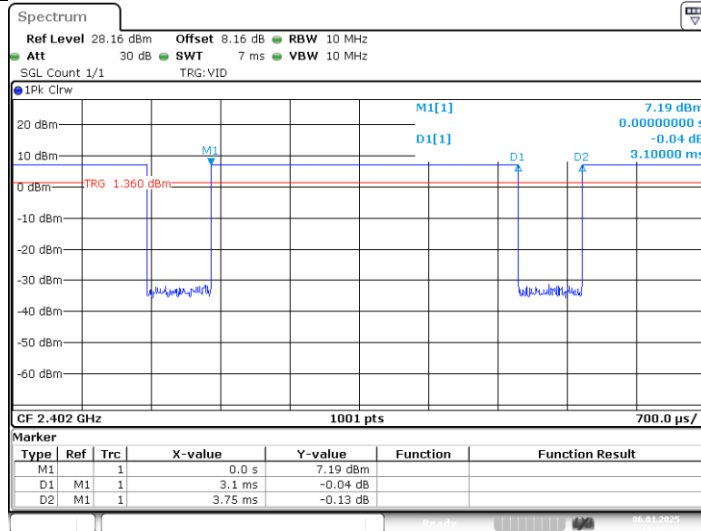


## BLE\_2M\_Ant Right\_2480



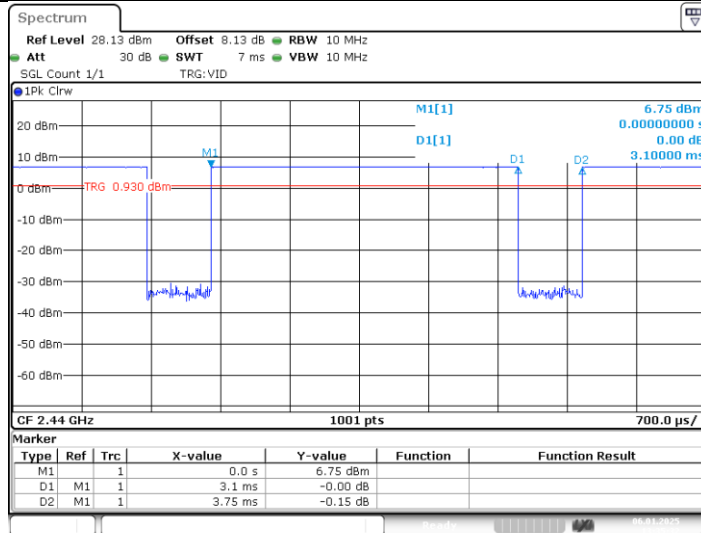
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_125K	Ant Right	2402	3.10	3.75	0.8267	82.67	0.83	---	---
		2440	3.10	3.75	0.8267	82.67	0.83	---	---
		2480	3.10	3.75	0.8267	82.67	0.83	---	---
BLE_500K	Ant Right	2402	1.08	1.88	0.5745	57.45	2.41	---	---
		2440	1.08	1.88	0.5745	57.45	2.41	---	---
		2480	1.08	1.88	0.5745	57.45	2.41	---	---

## BLE\_125K\_Ant Right\_2402



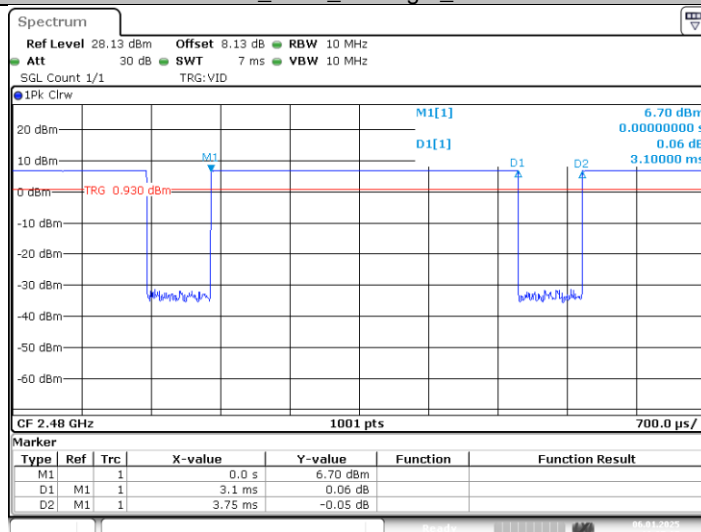
Date: 6.JAN.2025 13:32:18

## BLE\_125K\_Ant Right\_2440

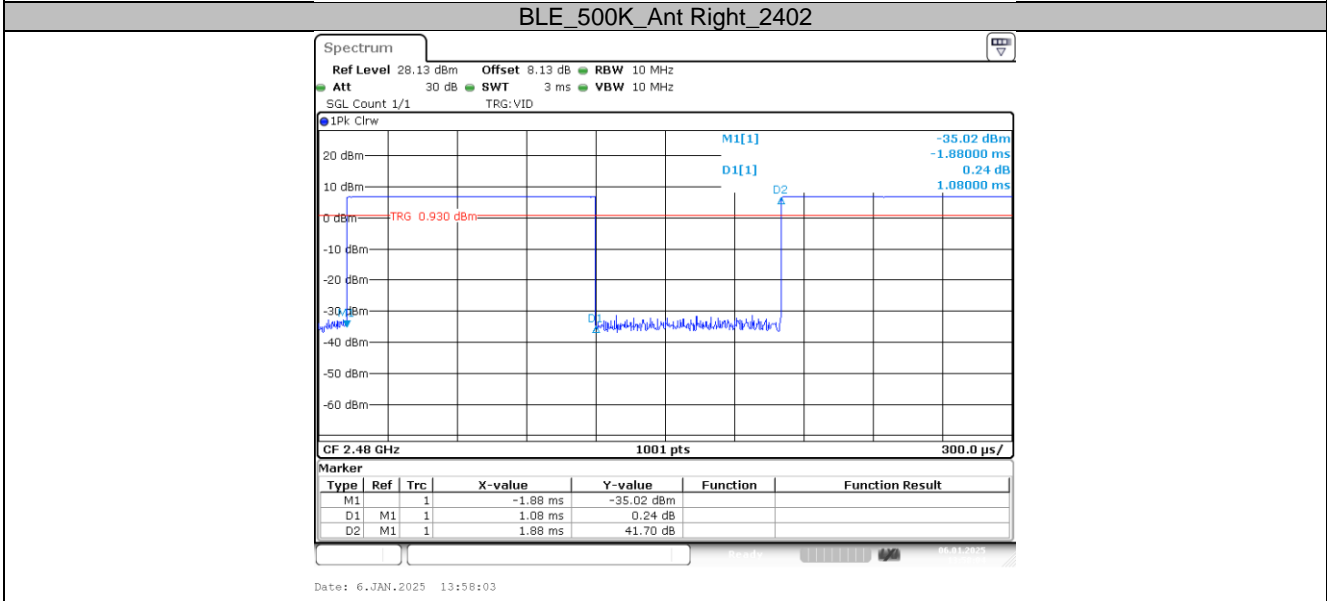
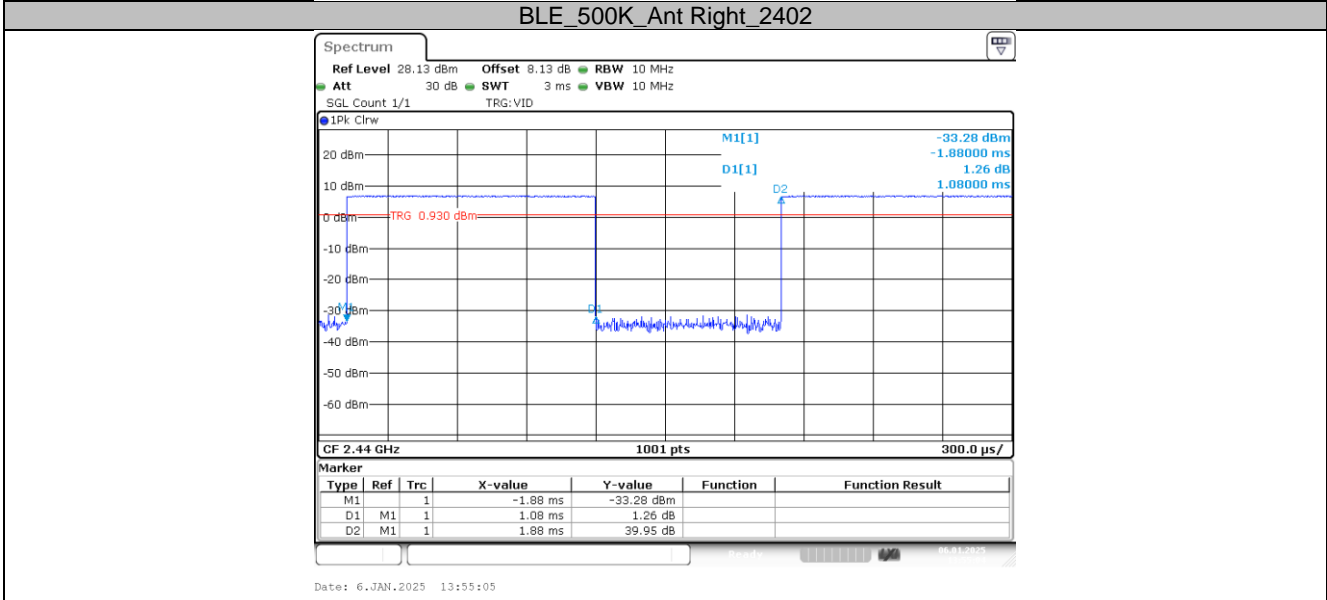
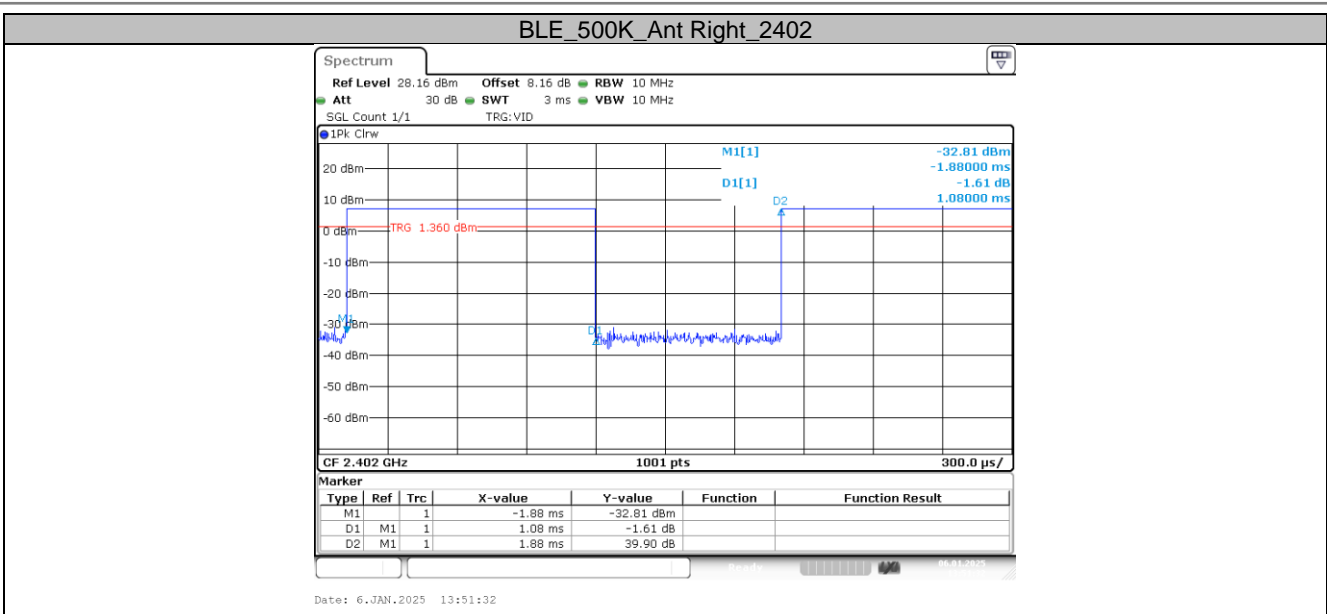


Date: 6.JAN.2025 13:35:31

## BLE\_125K\_Ant Right\_2480



Date: 6.JAN.2025 13:37:27



**End of Test Report**