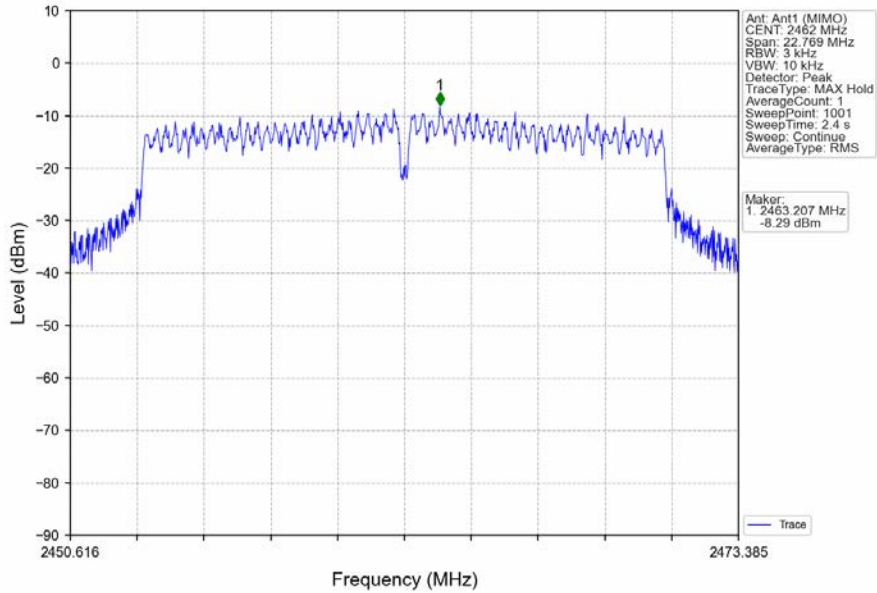
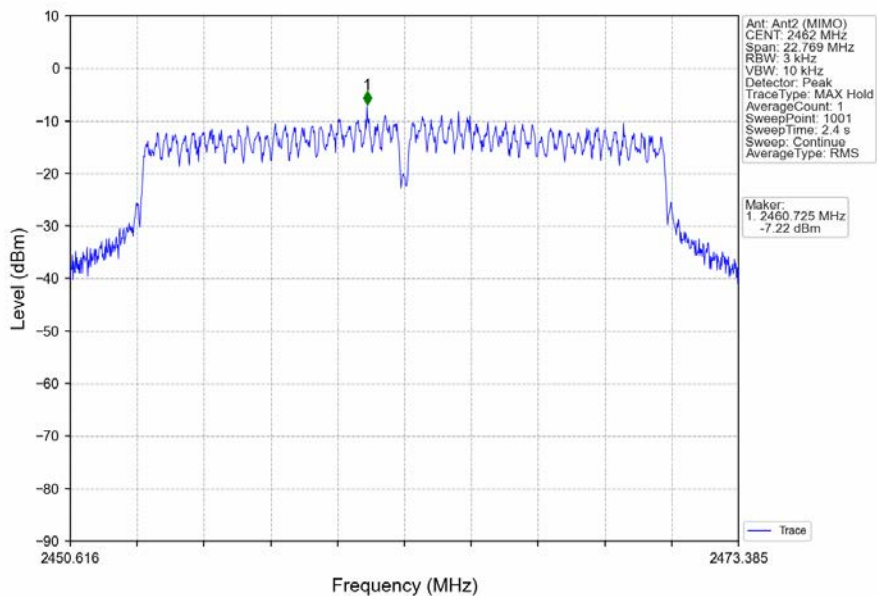
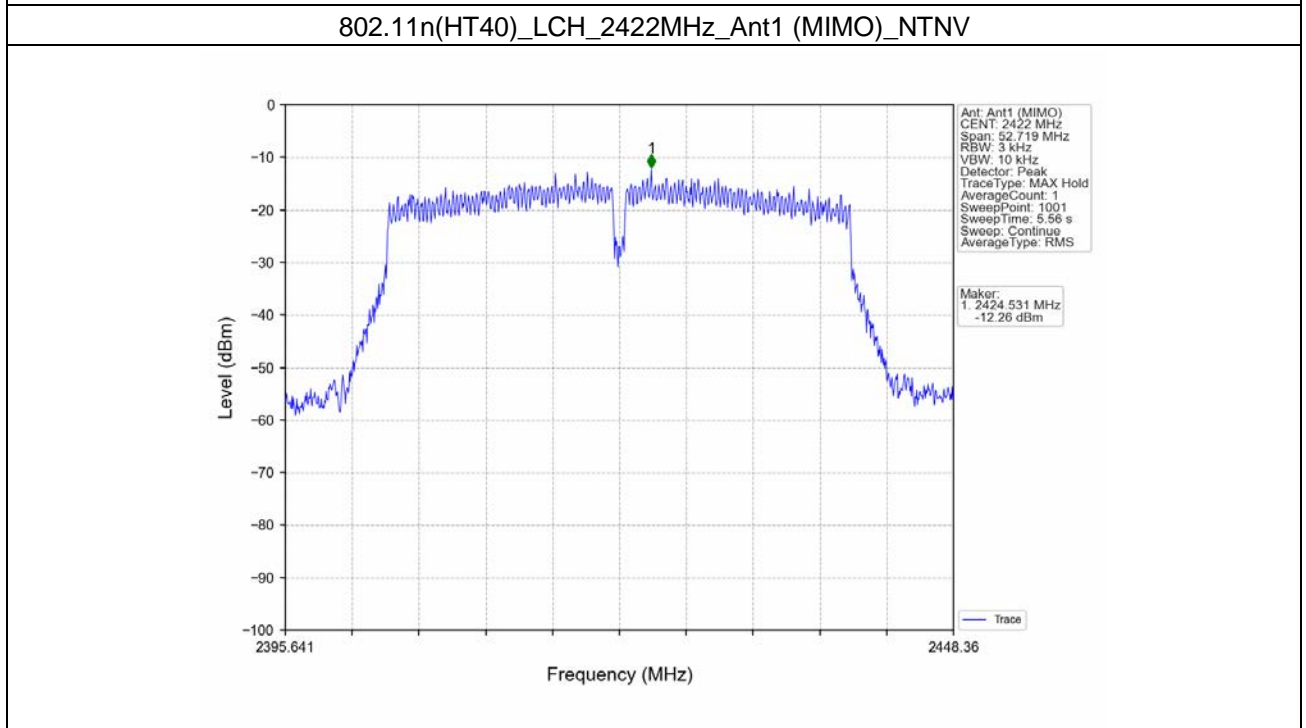
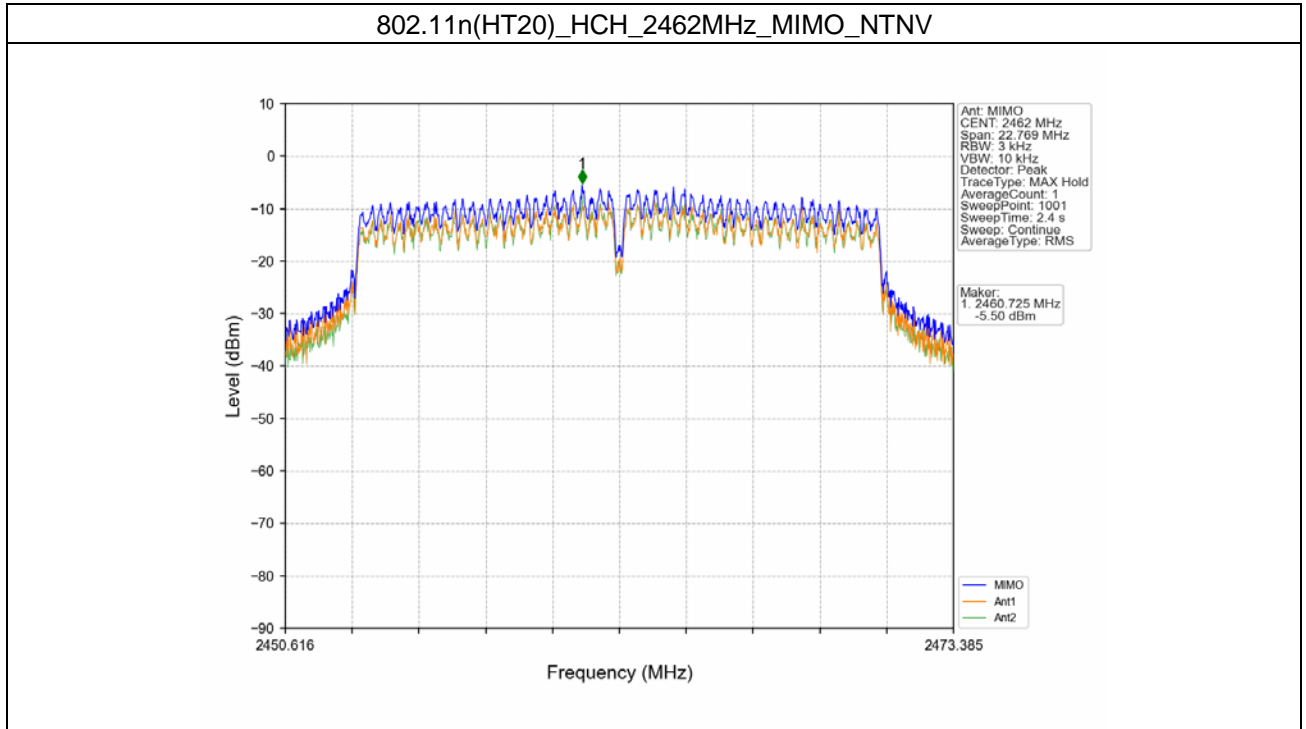


### 802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV

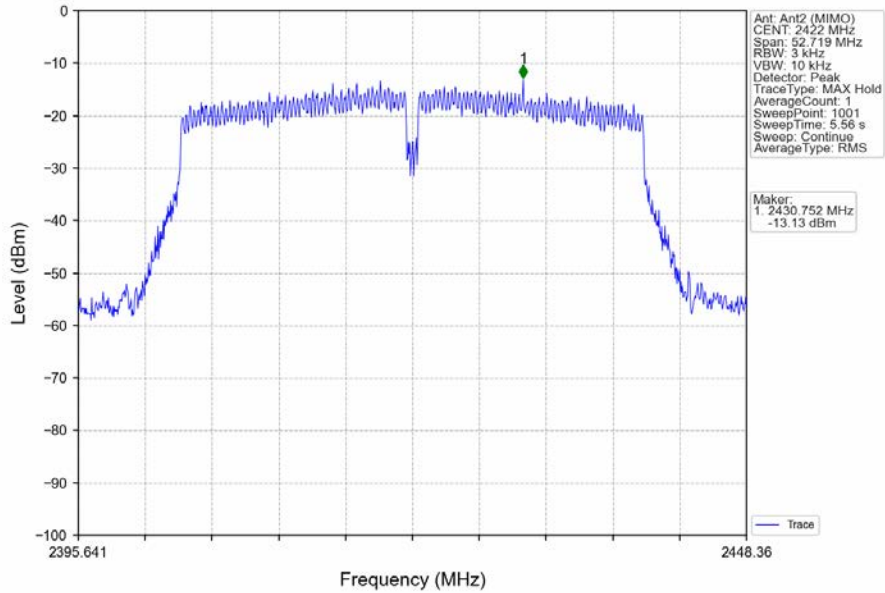


### 802.11n(HT20)\_HCH\_2462MHz\_Ant2 (MIMO)\_NTNV

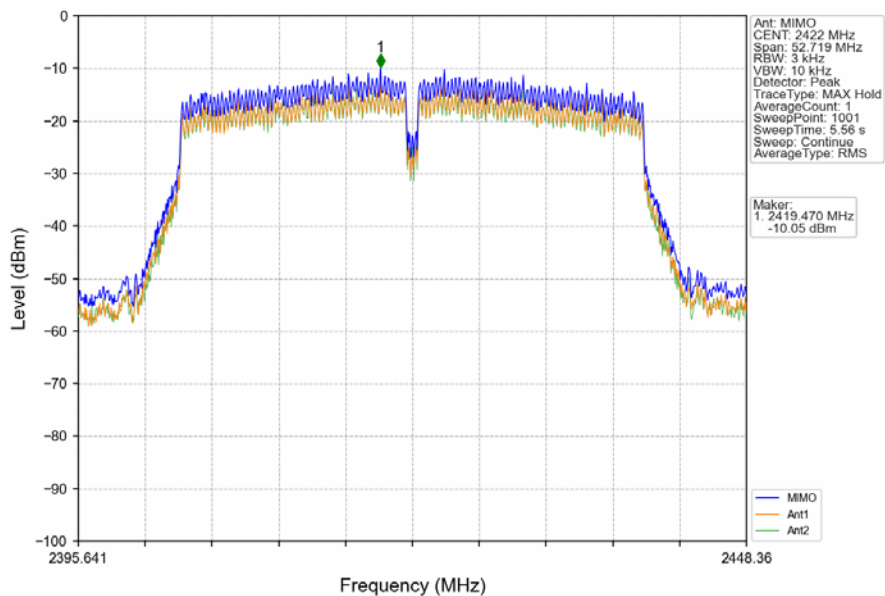




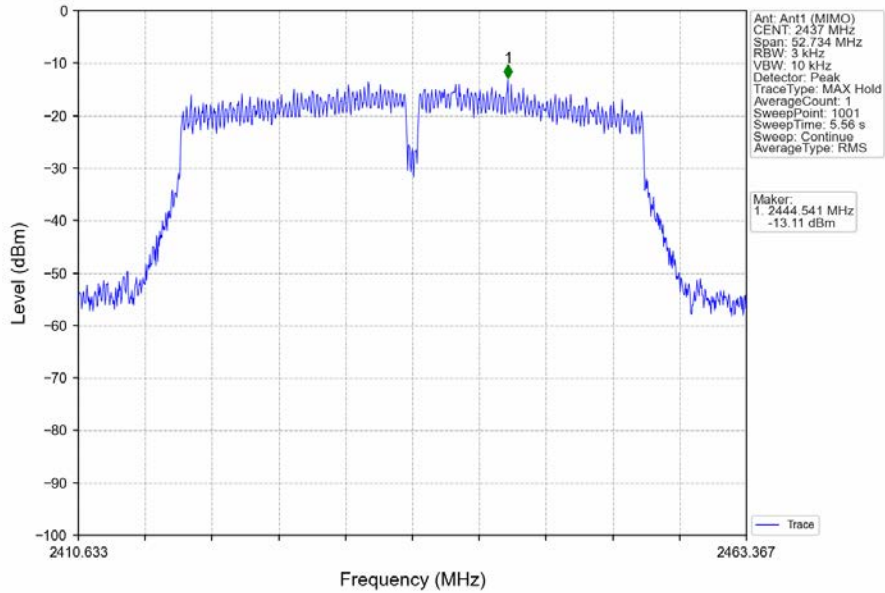
802.11n(HT40)\_LCH\_2422MHz\_Ant2 (MIMO)\_NTNV



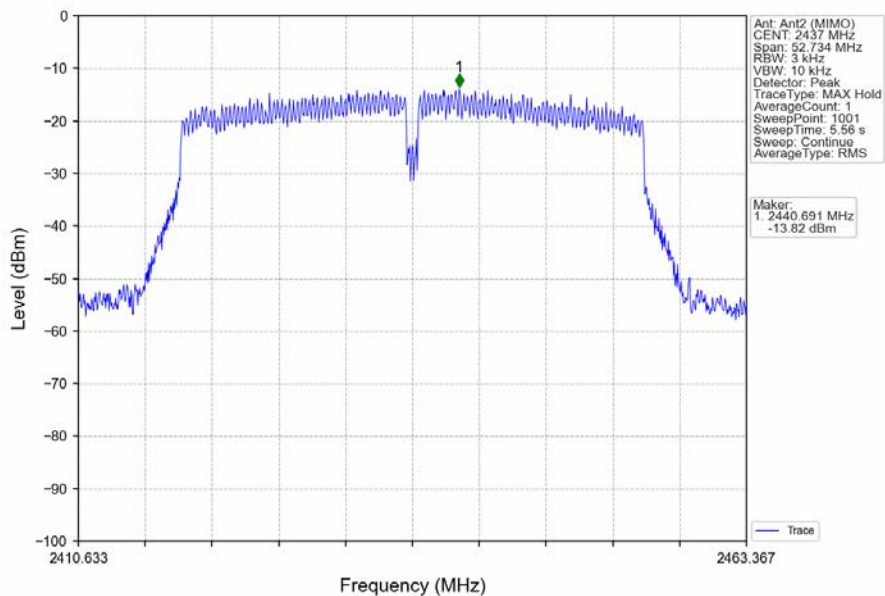
802.11n(HT40)\_LCH\_2422MHz\_MIMO\_NTNV



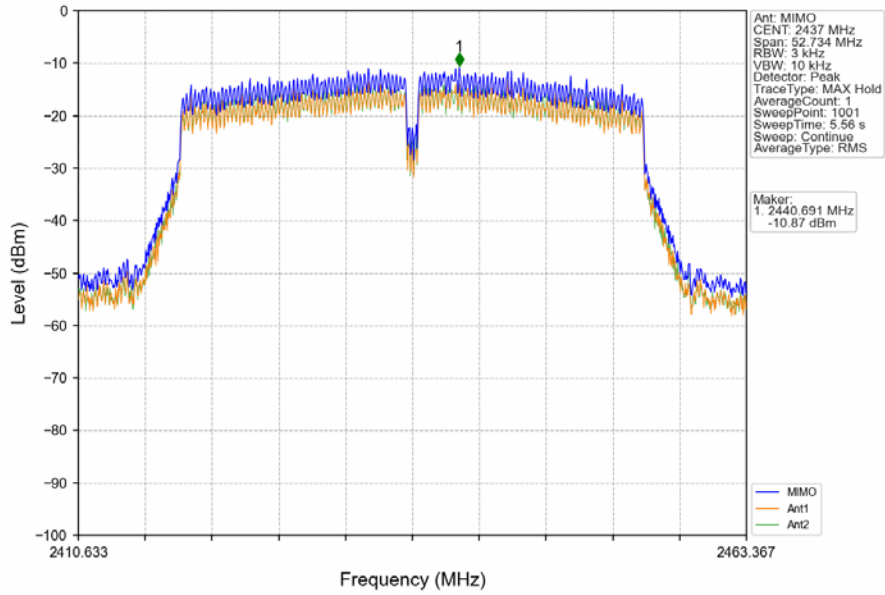
### 802.11n(HT40)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



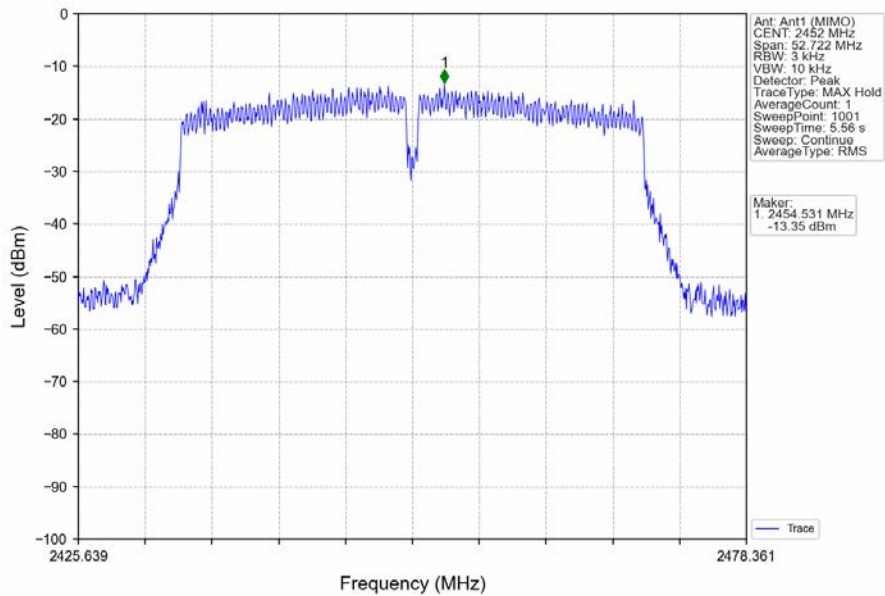
### 802.11n(HT40)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV



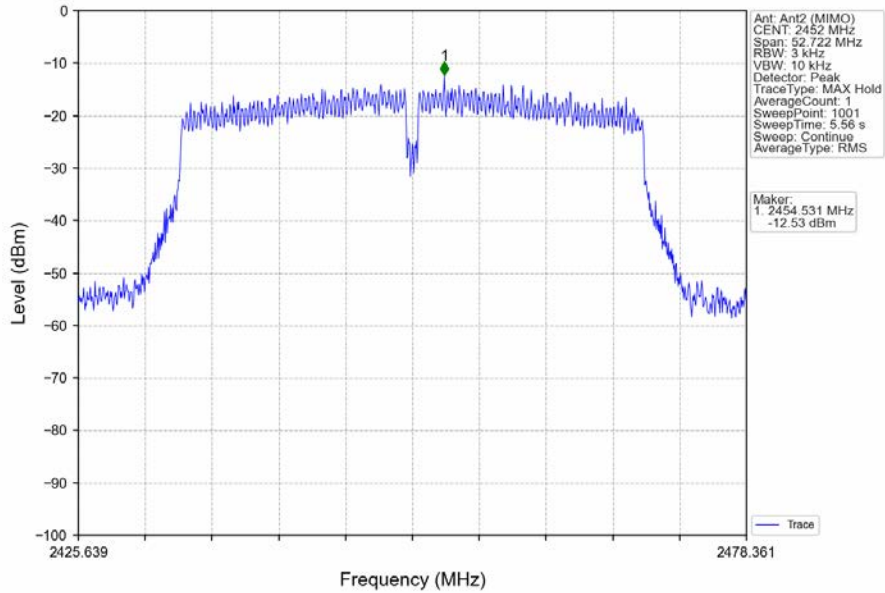
802.11n(HT40)\_MCH\_2437MHz\_MIMO\_NTNV



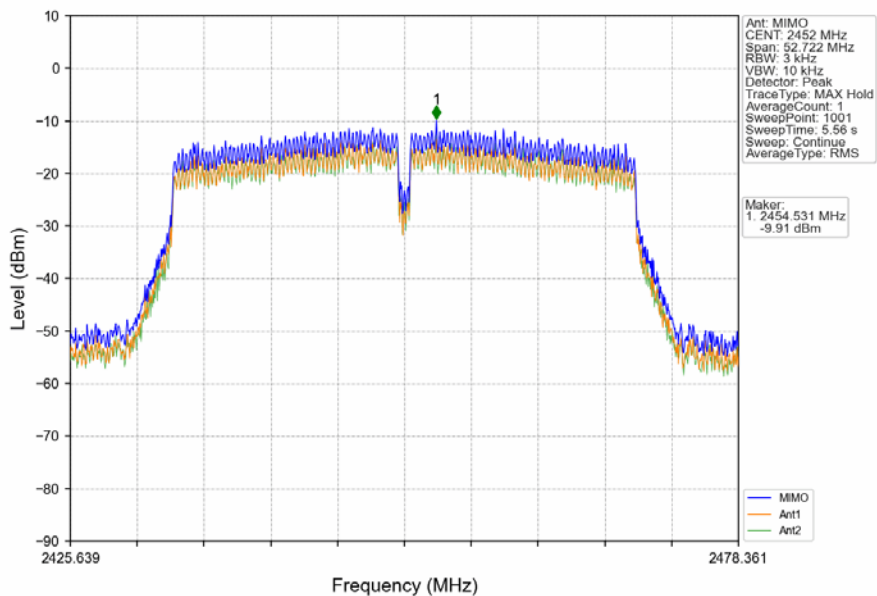
802.11n(HT40)\_HCH\_2452MHz\_Ant1 (MIMO)\_NTNV



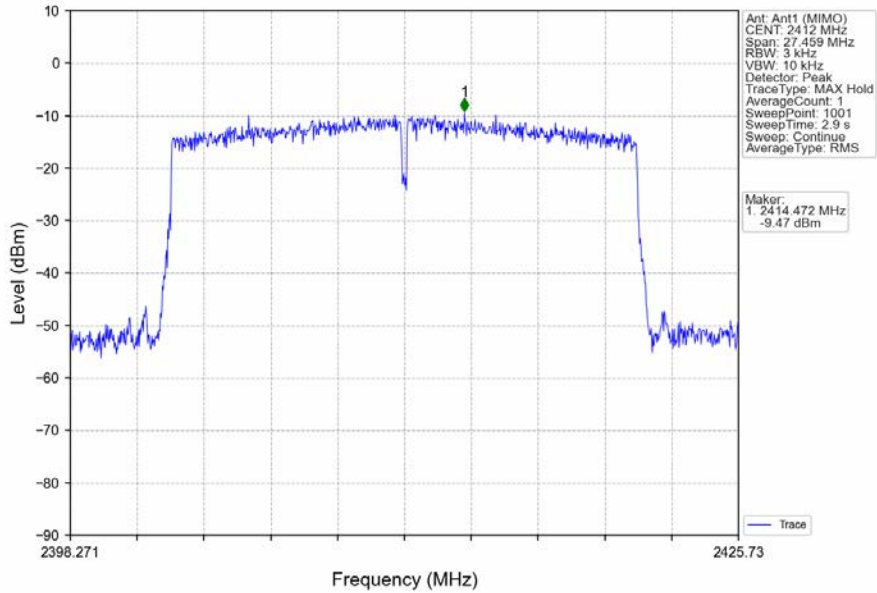
802.11n(HT40)\_HCH\_2452MHz\_Ant2 (MIMO)\_NTNV



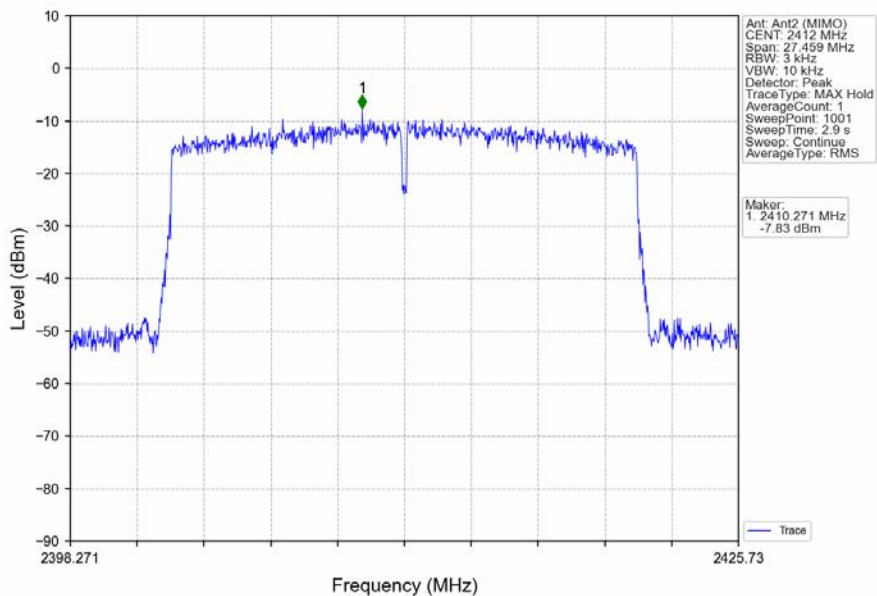
802.11n(HT40)\_HCH\_2452MHz\_MIMO\_NTNV



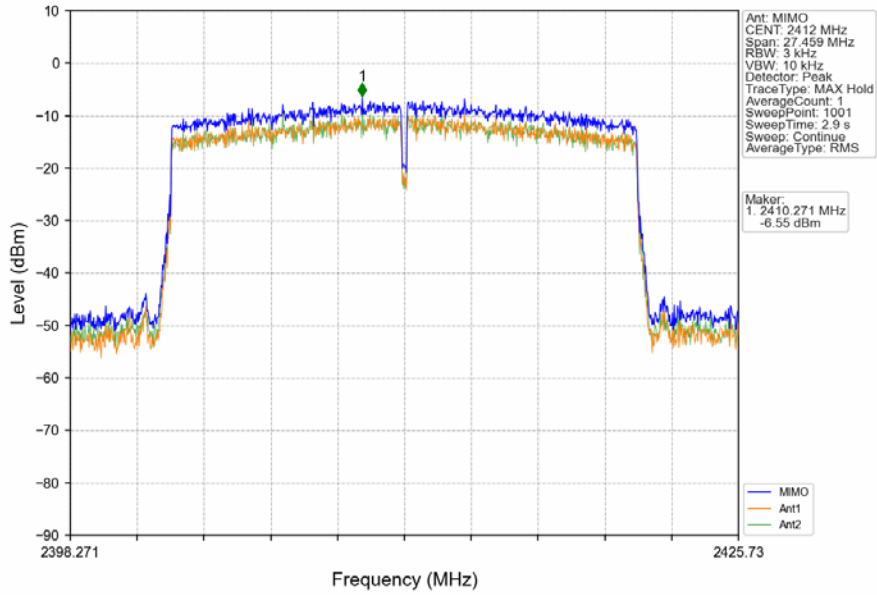
### 802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



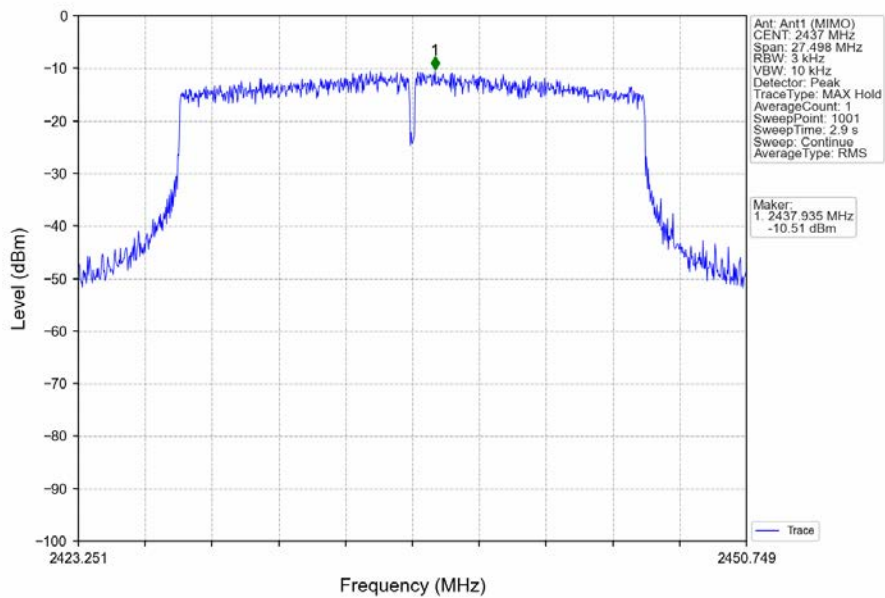
### 802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant2 (MIMO)\_NTNV



### 802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_MIMO\_NTNV

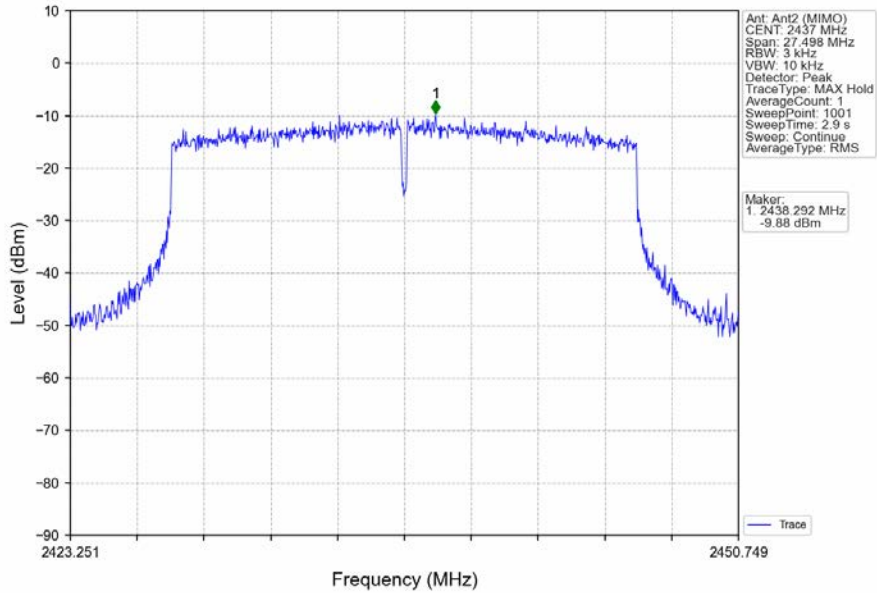


### 802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV

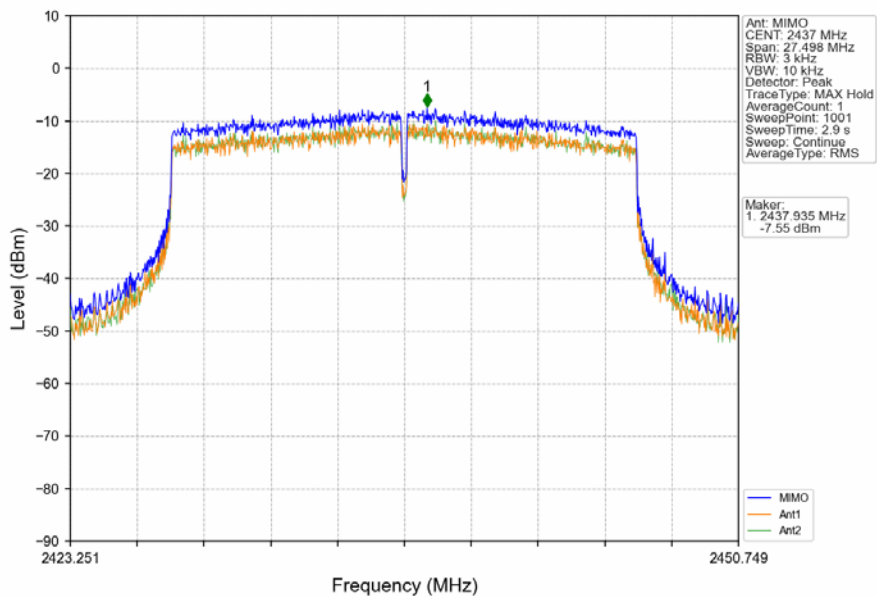




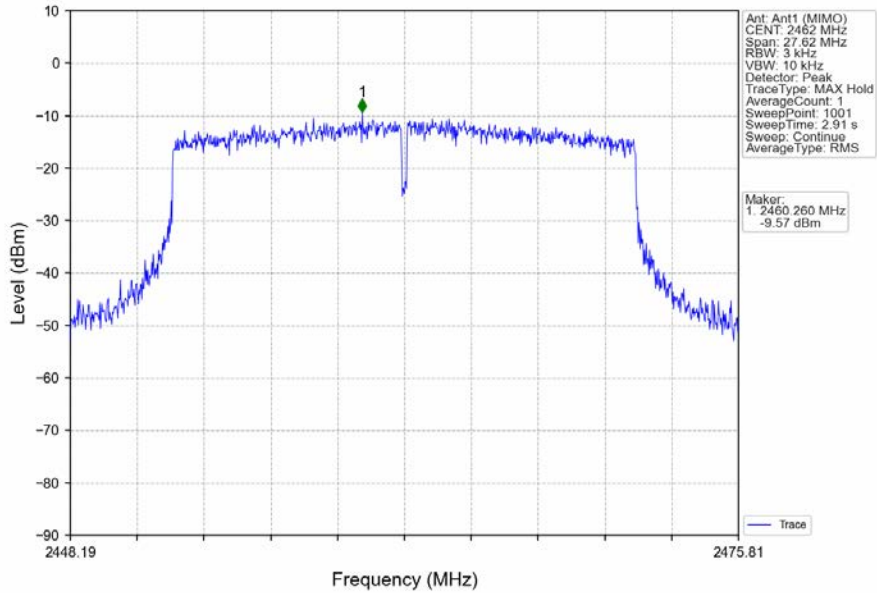
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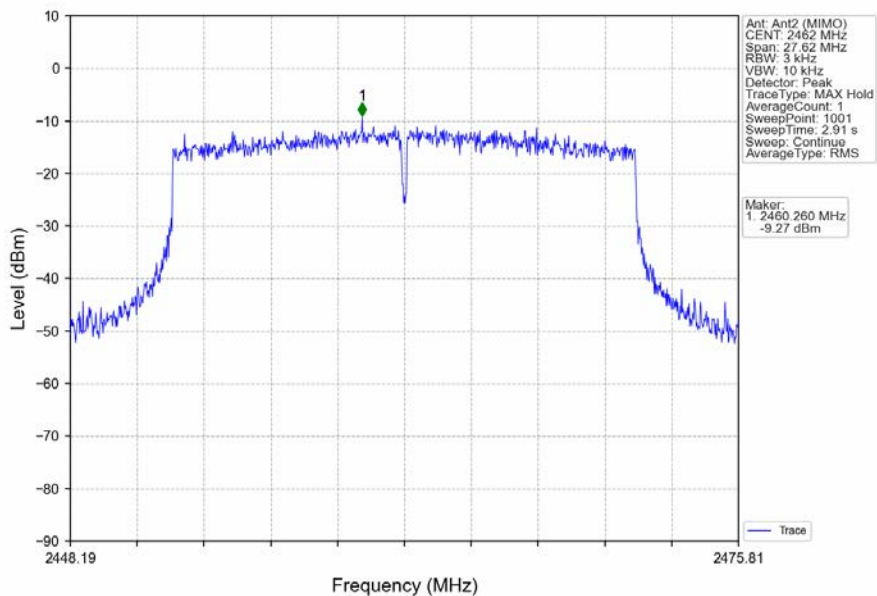
### 802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_MIMO\_NTNV



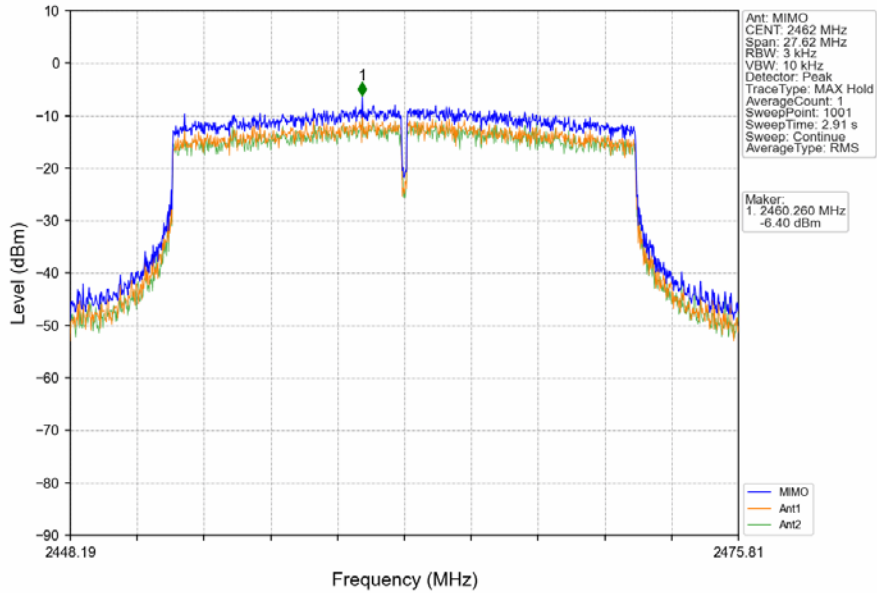
### 802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



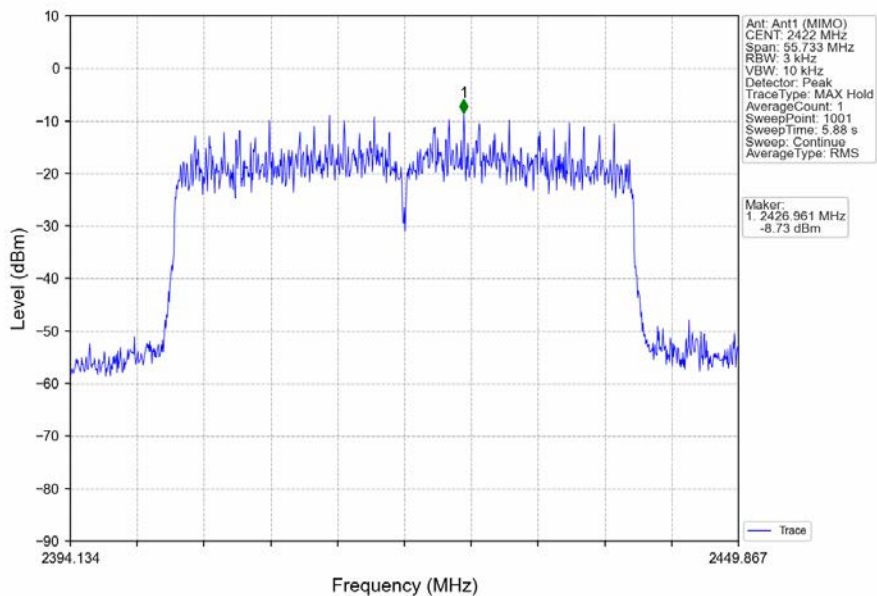
### 802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant2 (MIMO)\_NTNV



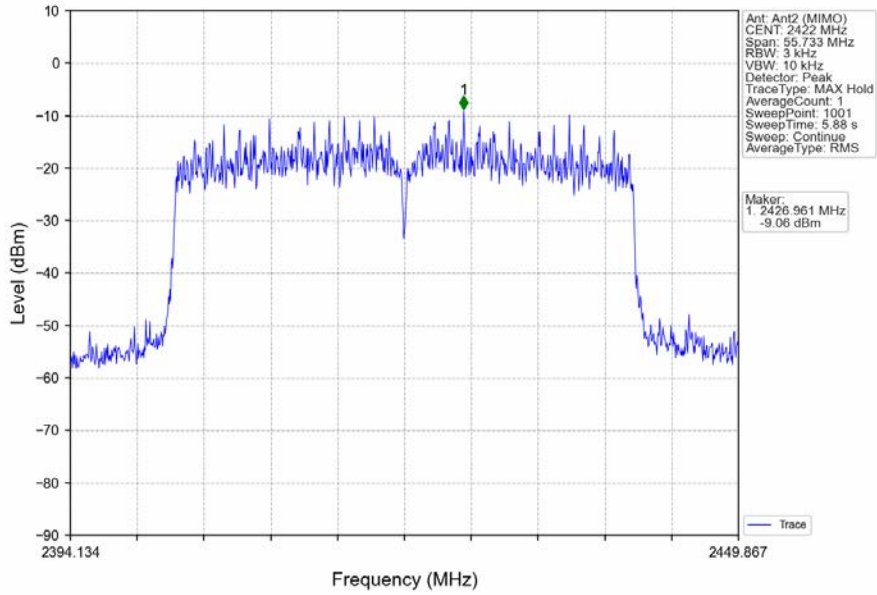
### 802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_MIMO\_NTNV



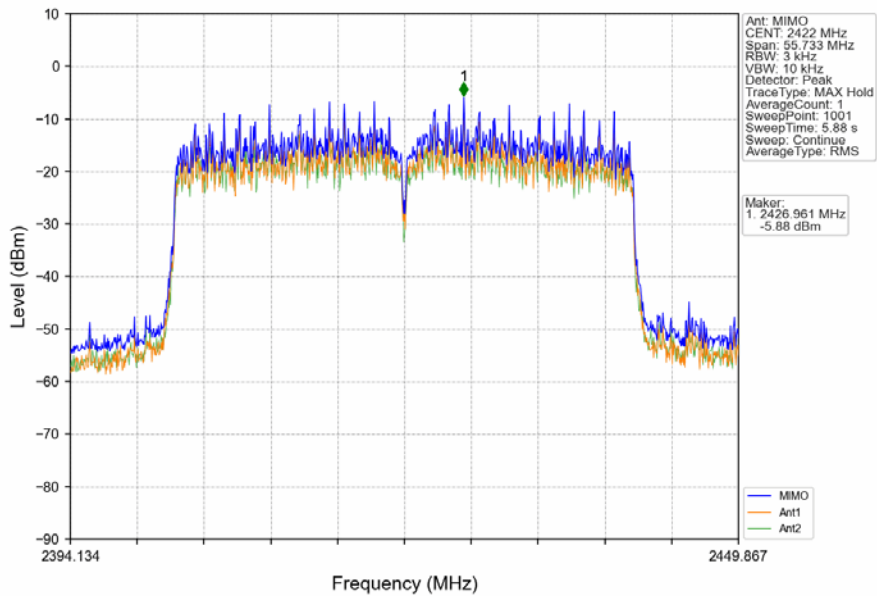
### 802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



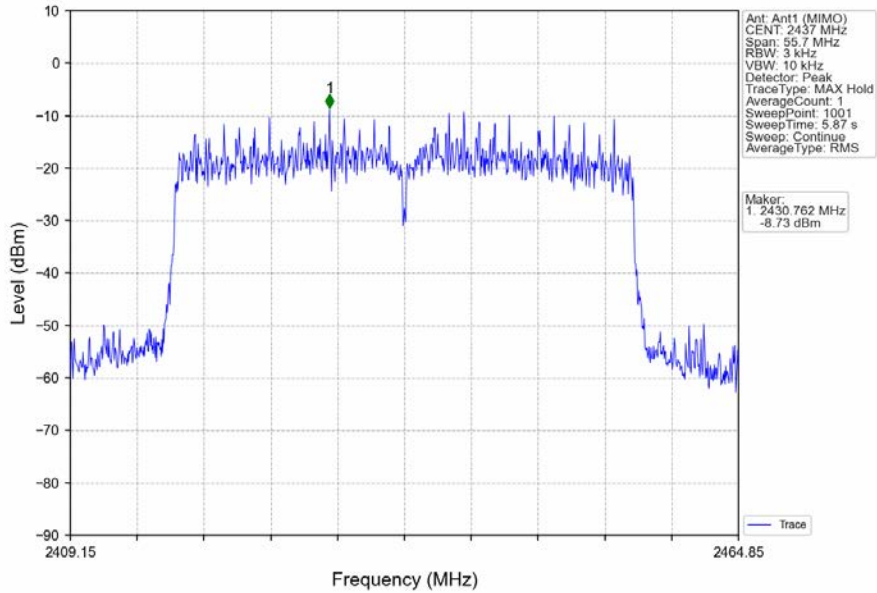
### 802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant2 (MIMO)\_NTNV



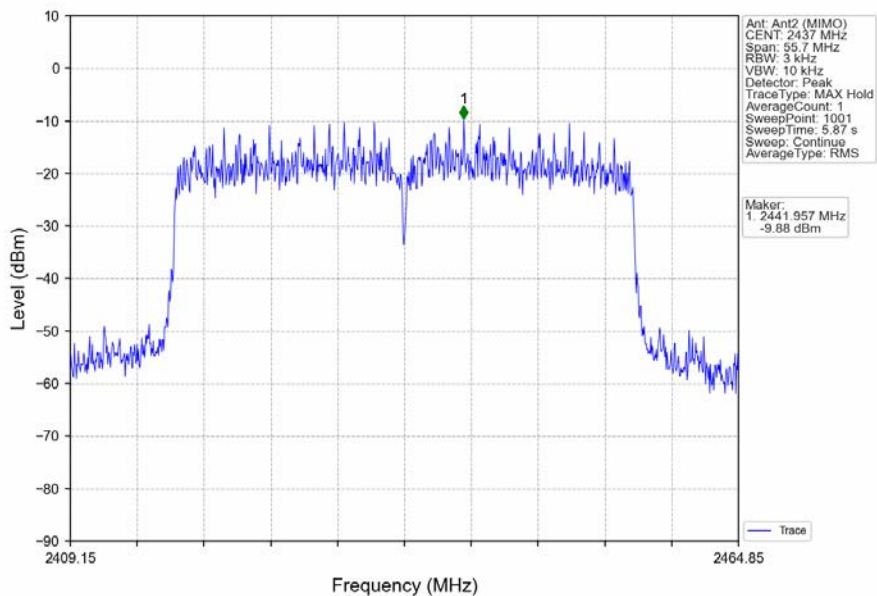
### 802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_MIMO\_NTNV



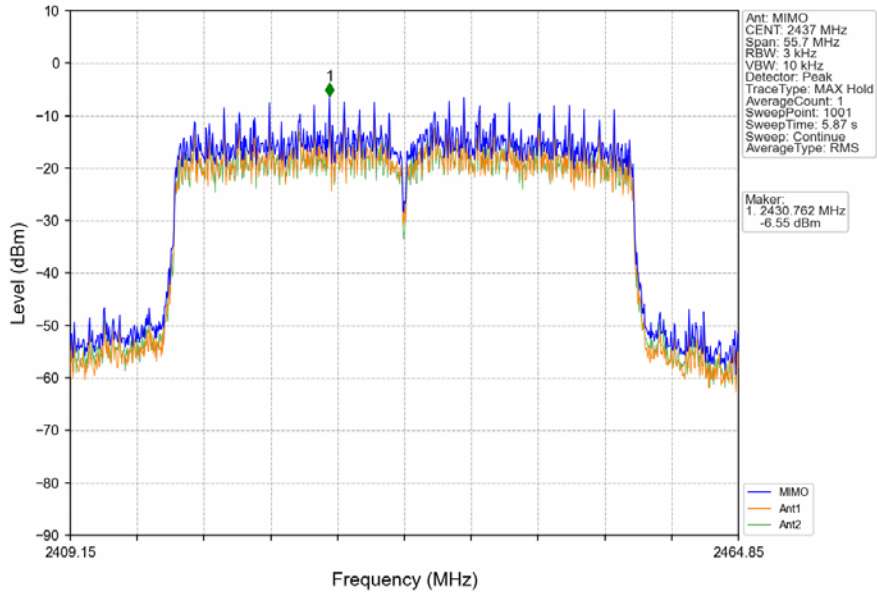
### 802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



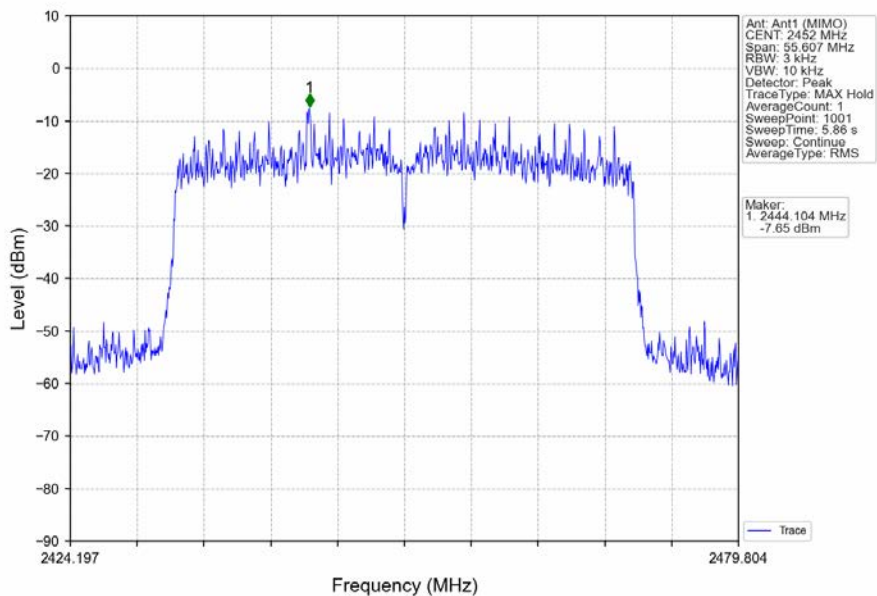
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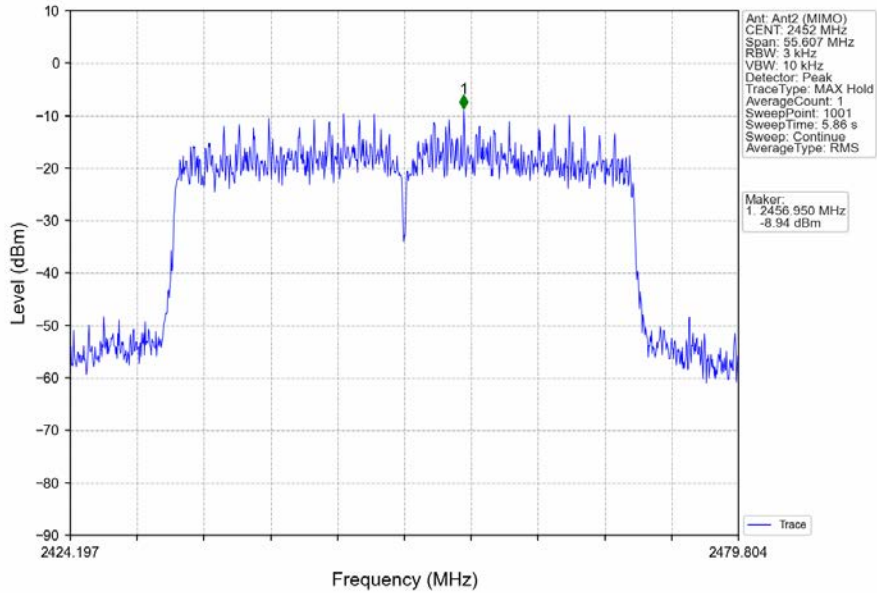
### 802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_MIMO\_NTNV



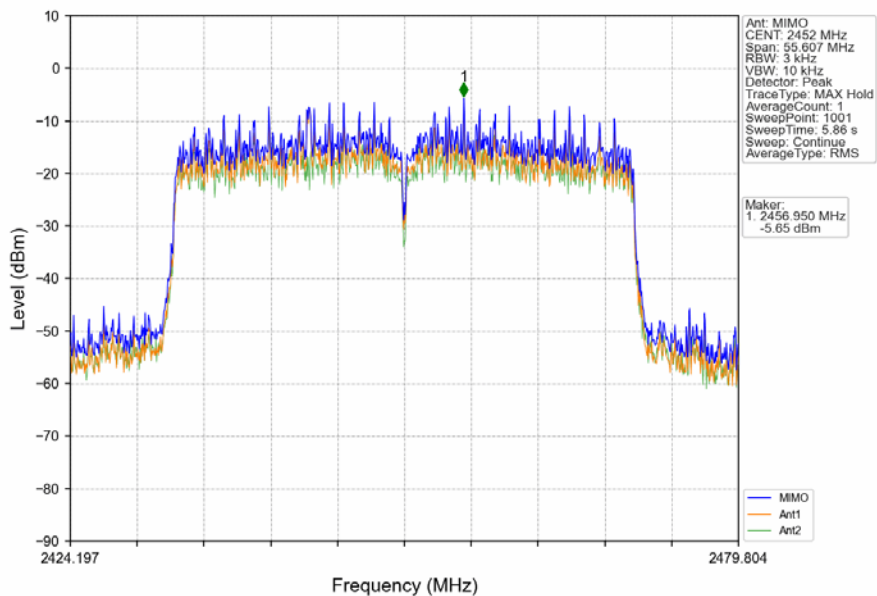
### 802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



### 802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant2 (MIMO)\_NTNV



### 802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_MIMO\_NTNV



## 5. Unwanted Emissions In Non-restricted Frequency Bands

### 5.1 Ref

#### 5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)
802.11b	SISO	2412	/	/	1	10.01
					2	10.65
		2437	/	/	1	10.22
					2	9.89
		2462	/	/	1	11.06
					2	9.83
802.11g	SISO	2412	/	/	1	8.08
					2	7.55
		2437	/	/	1	8.32
					2	7.84
		2462	/	/	1	8.31
					2	7.59
802.11n (HT20)	MIMO	2412	/	/	1	8.41
					2	7.92
		2437	/	/	1	8.10
					2	7.89
		2462	/	/	1	8.21
					2	7.68
802.11n (HT40)	MIMO	2422	/	/	1	2.58
					2	2.43
		2437	/	/	1	2.72
					2	2.59
		2452	/	/	1	2.84
					2	2.55
802.11ax (HEW20)	MIMO	2412	RU242	Left	1	7.68
					2	7.27
		2437	RU242	Left	1	6.69
					2	6.20
		2462	RU242	Left	1	6.48
					2	6.06
802.11ax (HEW40)	MIMO	2422	RU484	Left	1	2.35
					2	2.02





# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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		2437	RU484	Left	1	2.00
					2	1.83
		2452	RU484	Left	1	2.40
					2	2.28

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.



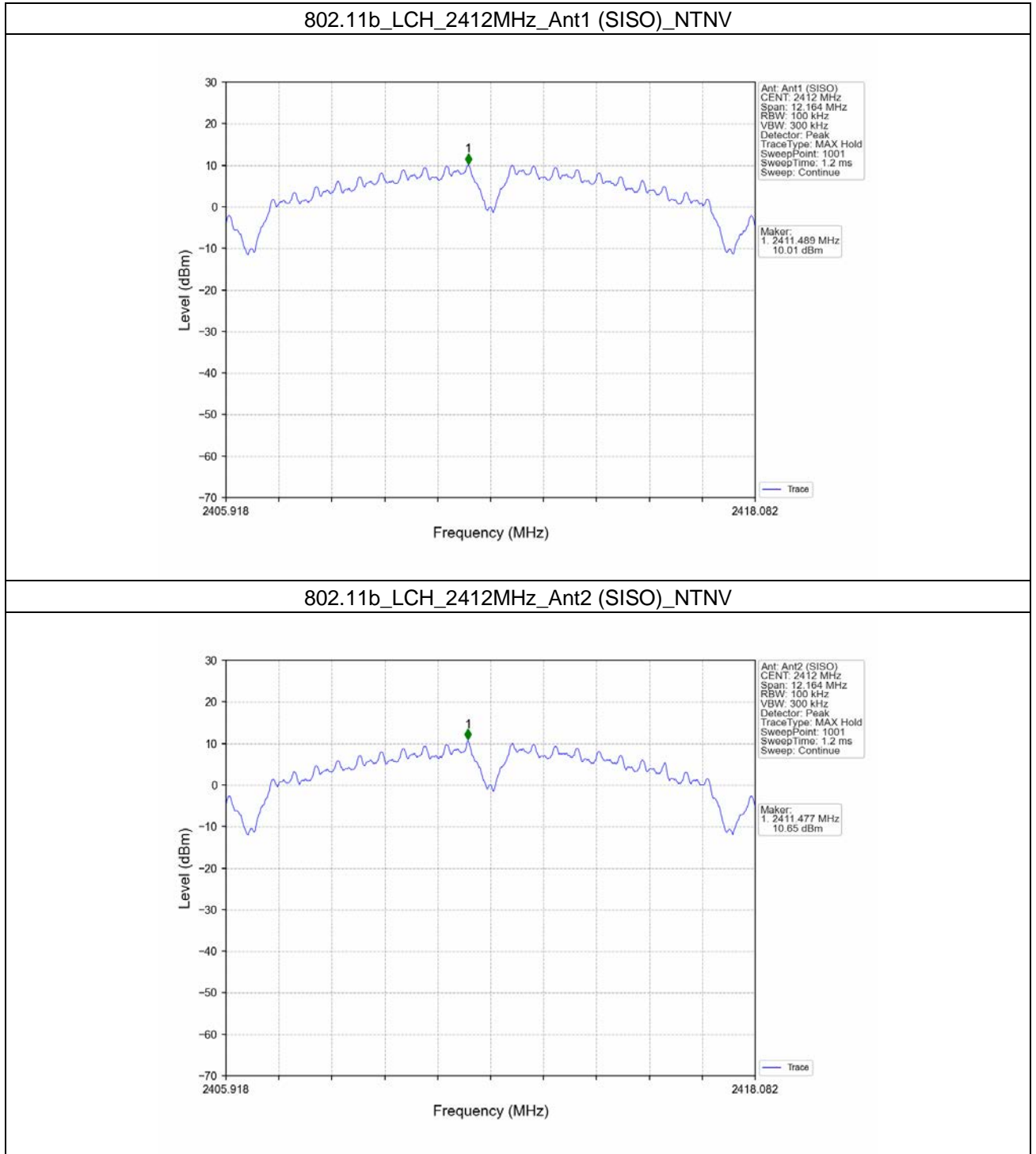
SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Testing Center EEC Laboratory.

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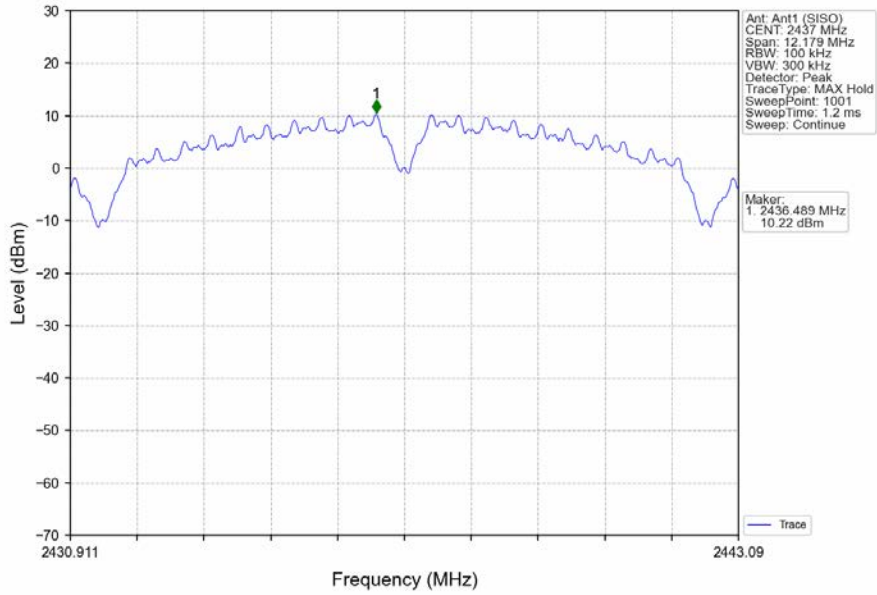
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中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

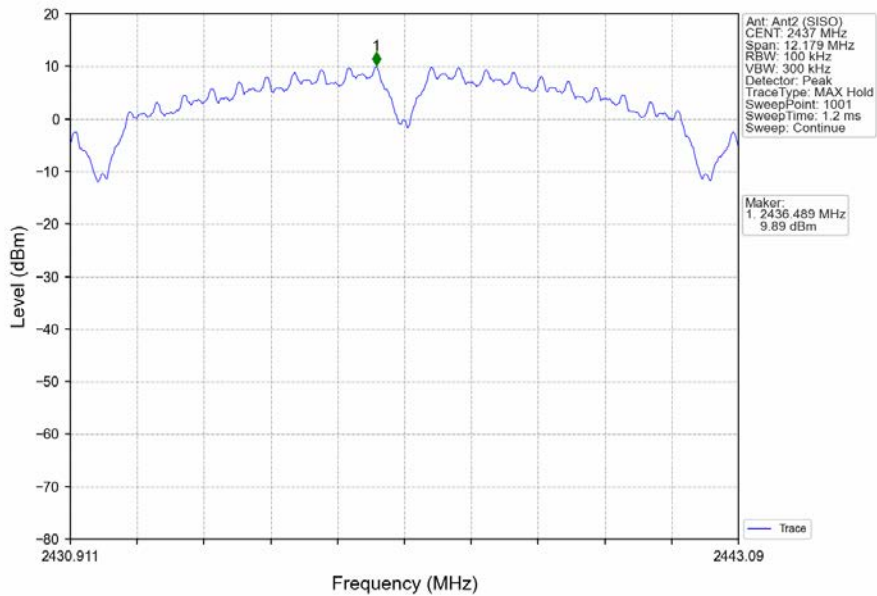
### 5.1.2 Test Graph



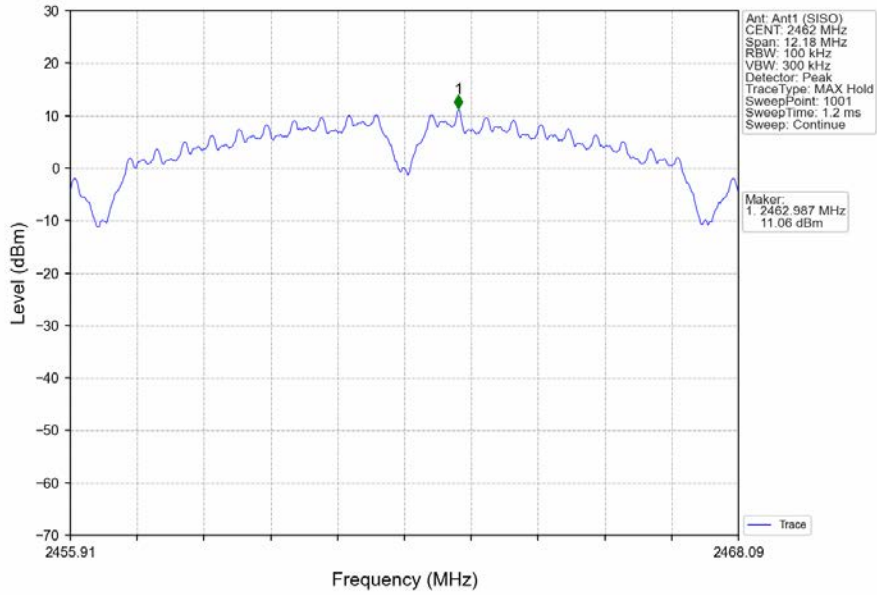
### 802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



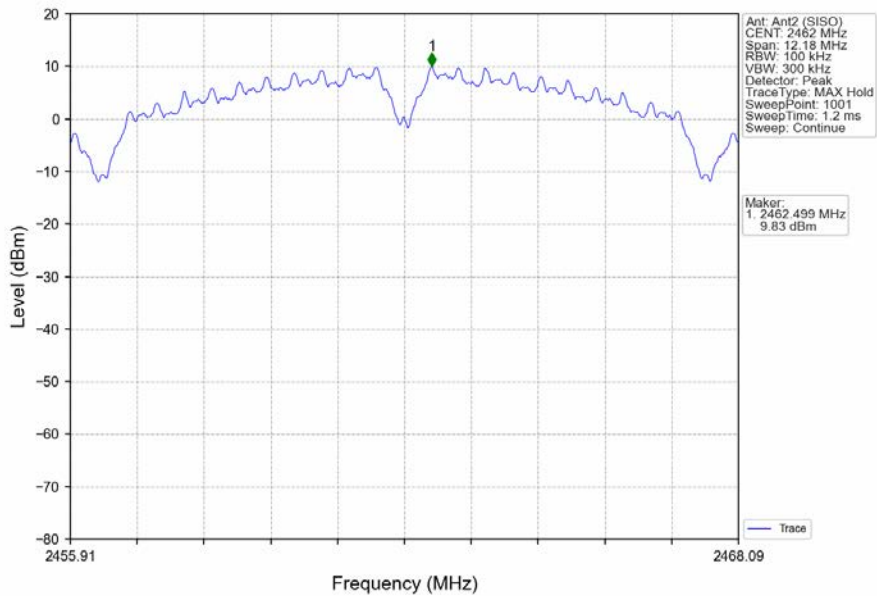
### 802.11b\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV

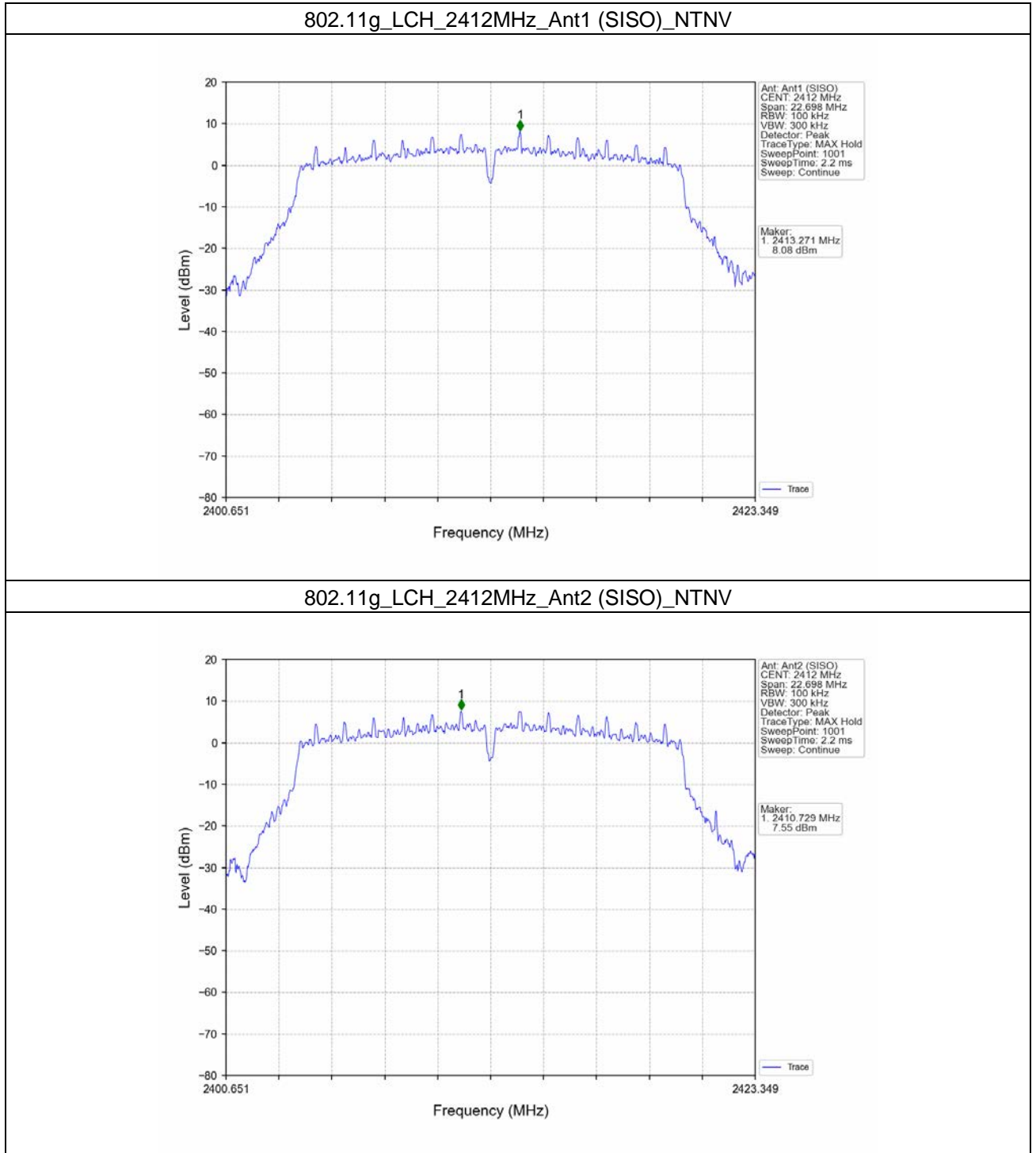


802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV

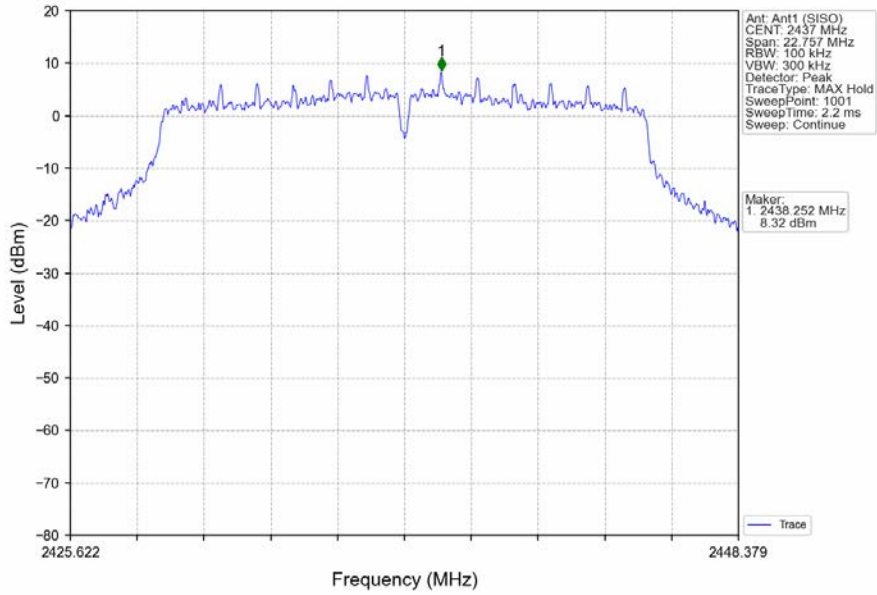


802.11b\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV

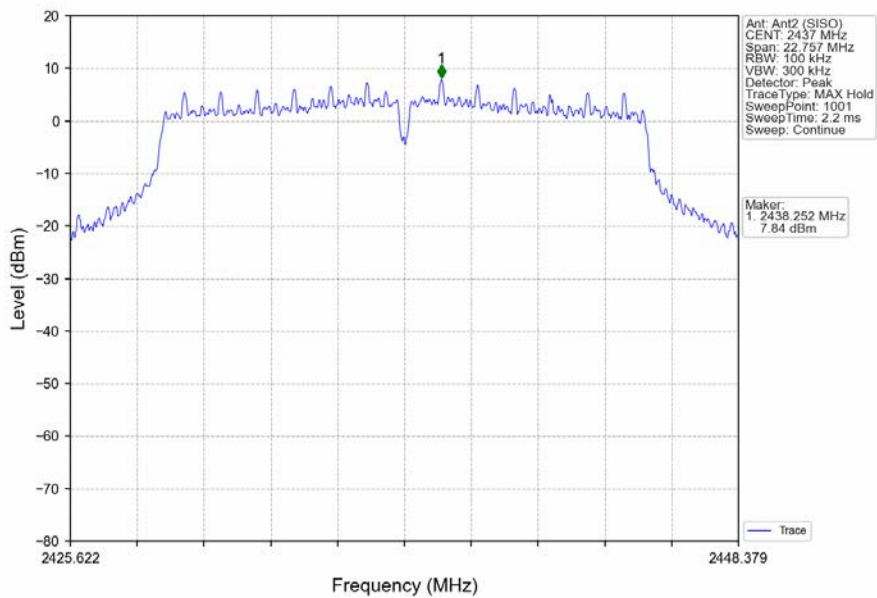




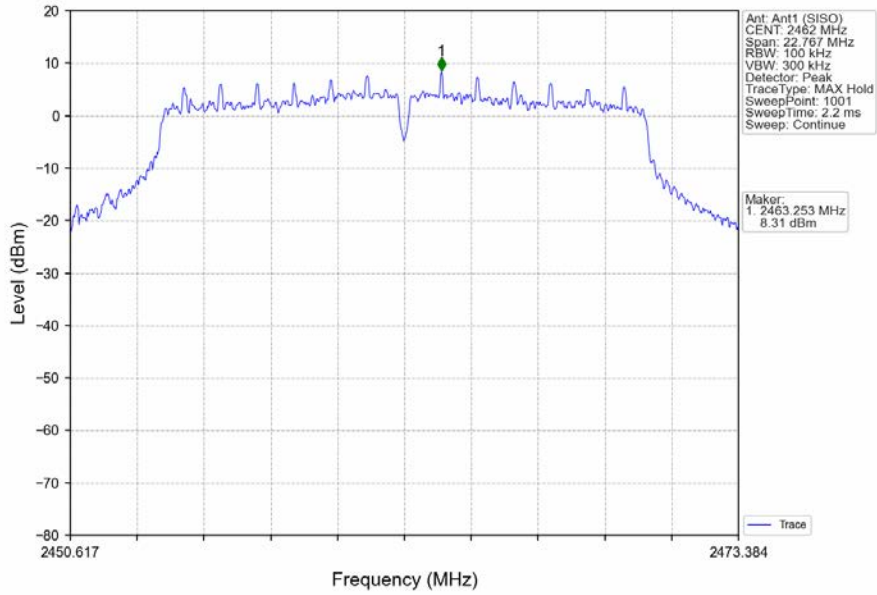
### 802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



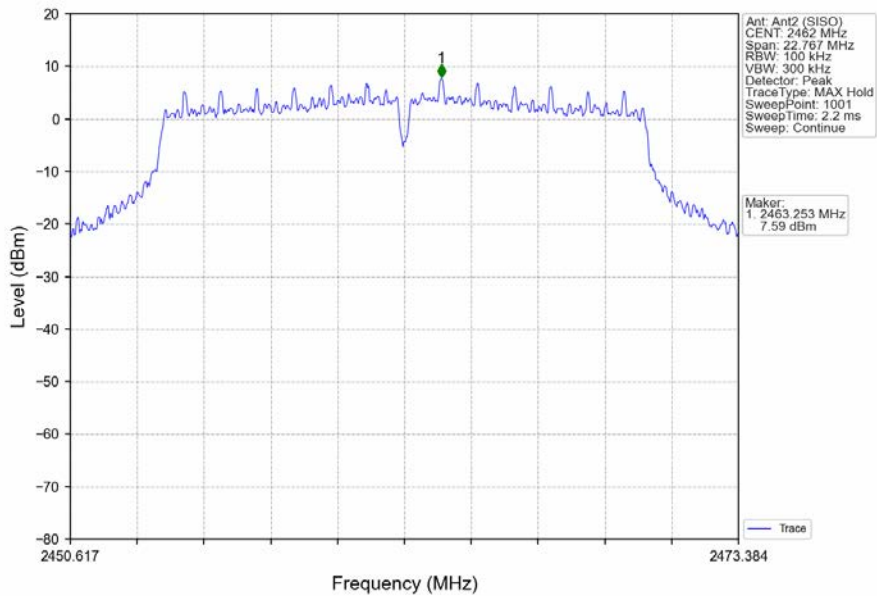
### 802.11g\_MCH\_2437MHz\_Ant2 (SISO)\_NTNV



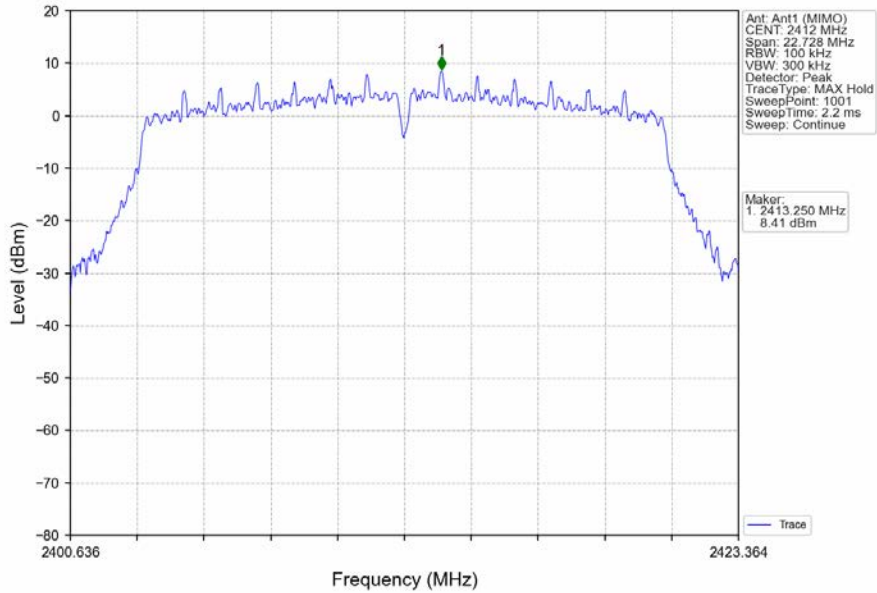
### 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



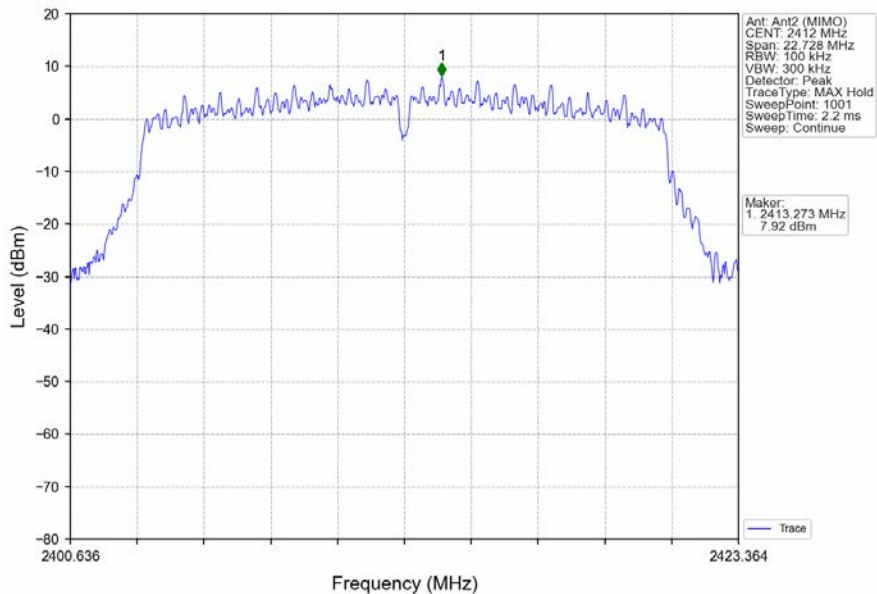
### 802.11g\_HCH\_2462MHz\_Ant2 (SISO)\_NTNV



802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV

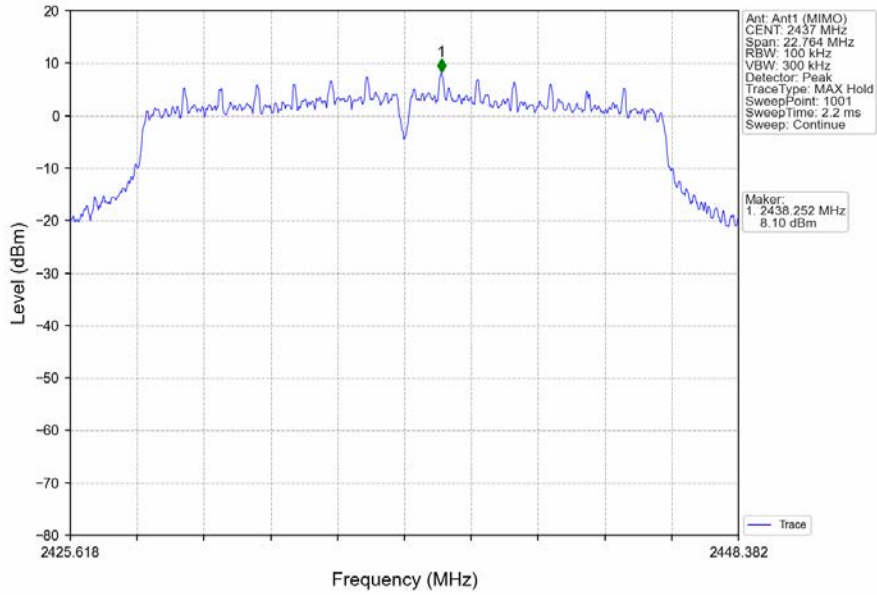


802.11n(HT20)\_LCH\_2412MHz\_Ant2 (MIMO)\_NTNV

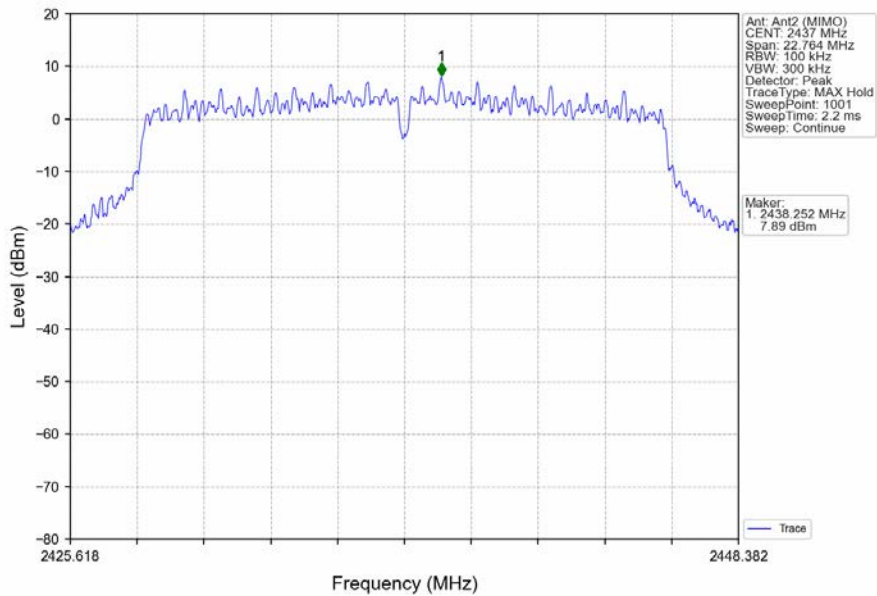




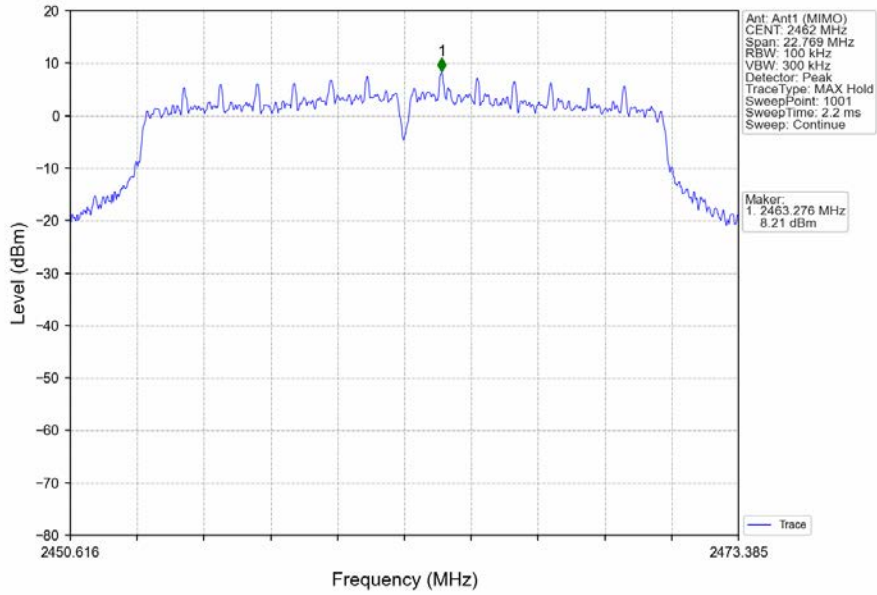
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



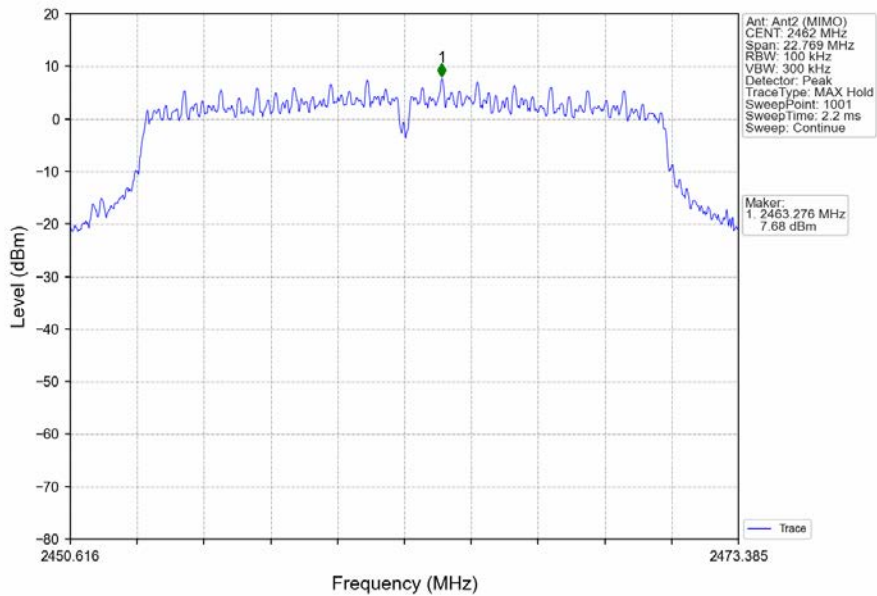
802.11n(HT20)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV



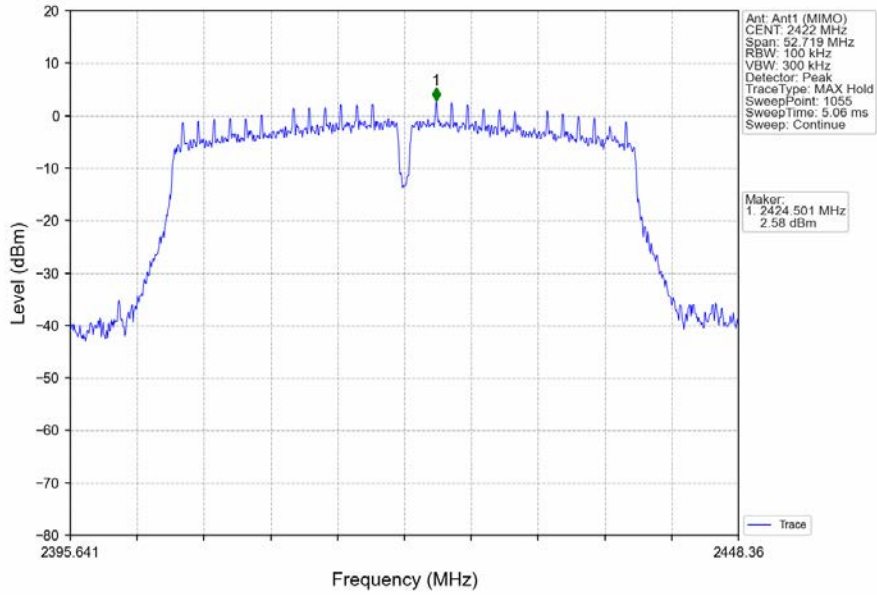
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



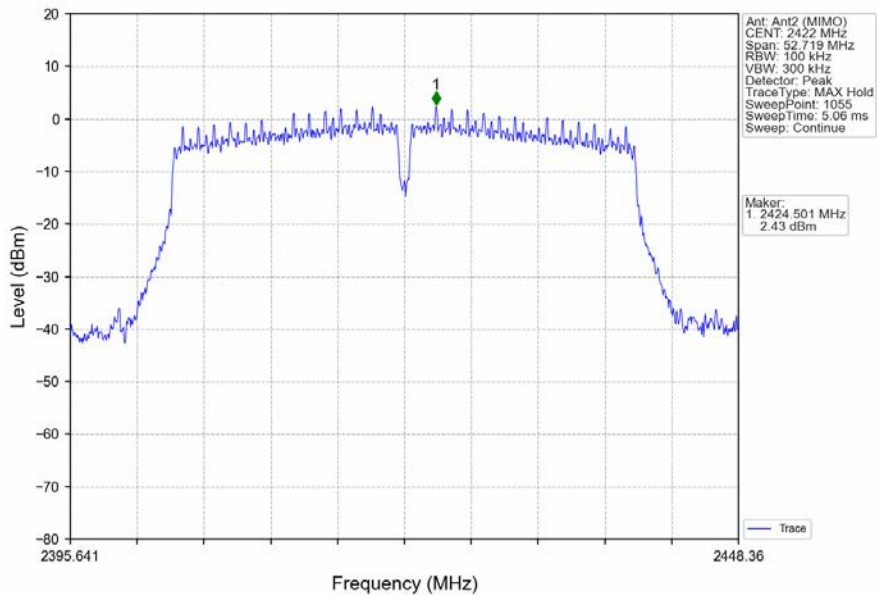
802.11n(HT20)\_HCH\_2462MHz\_Ant2 (MIMO)\_NTNV



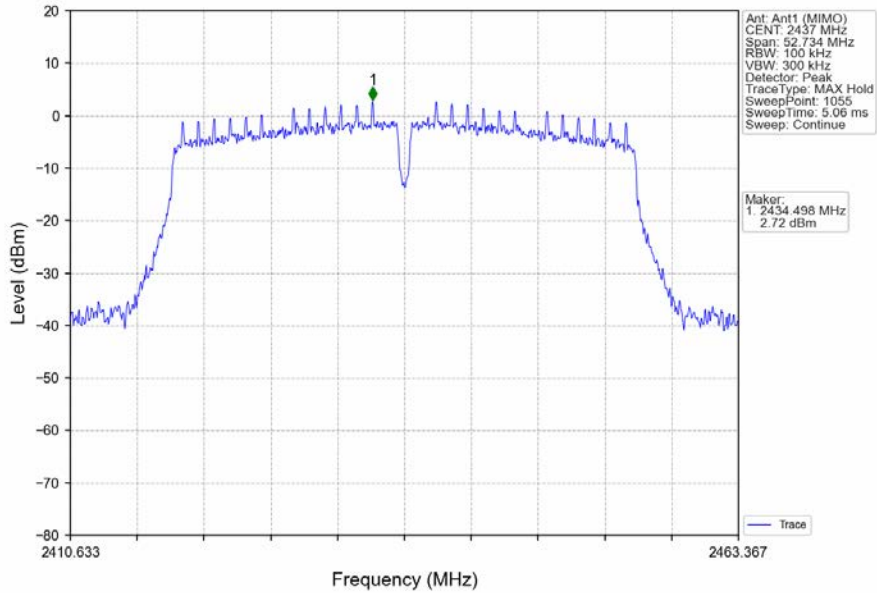
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



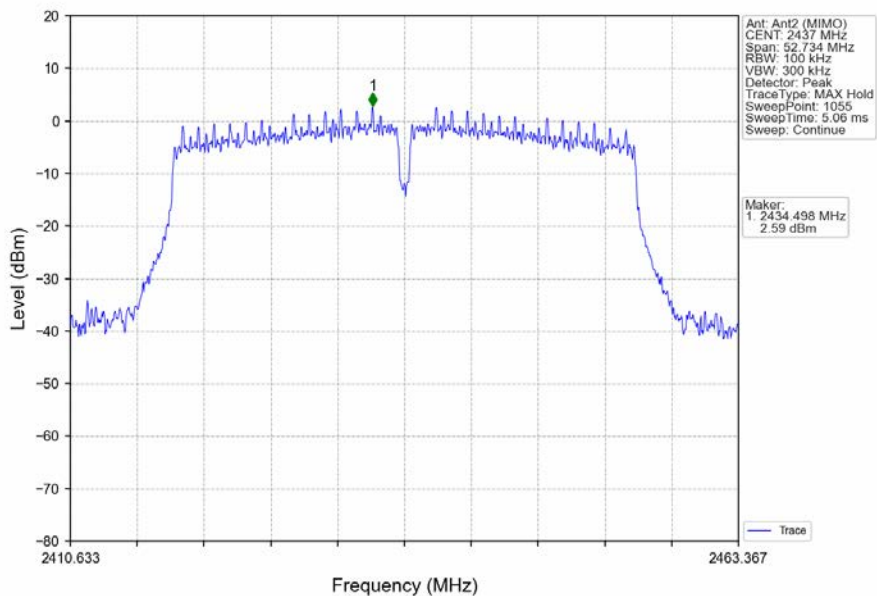
802.11n(HT40)\_LCH\_2422MHz\_Ant2 (MIMO)\_NTNV



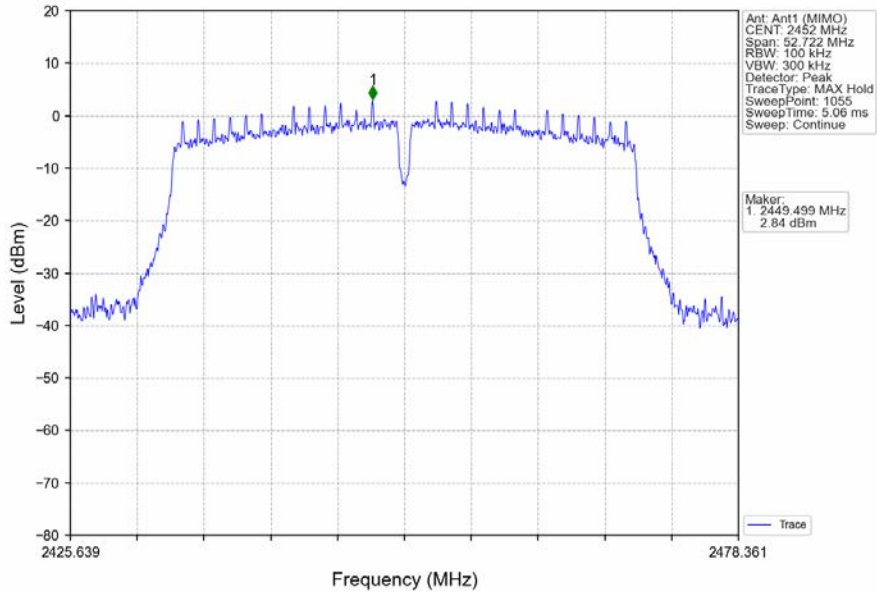
### 802.11n(HT40)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



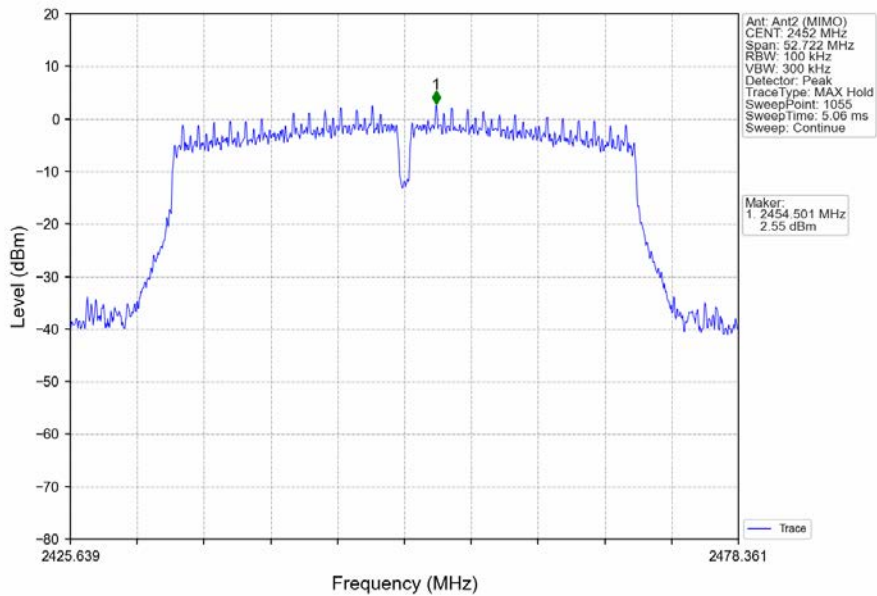
### 802.11n(HT40)\_MCH\_2437MHz\_Ant2 (MIMO)\_NTNV



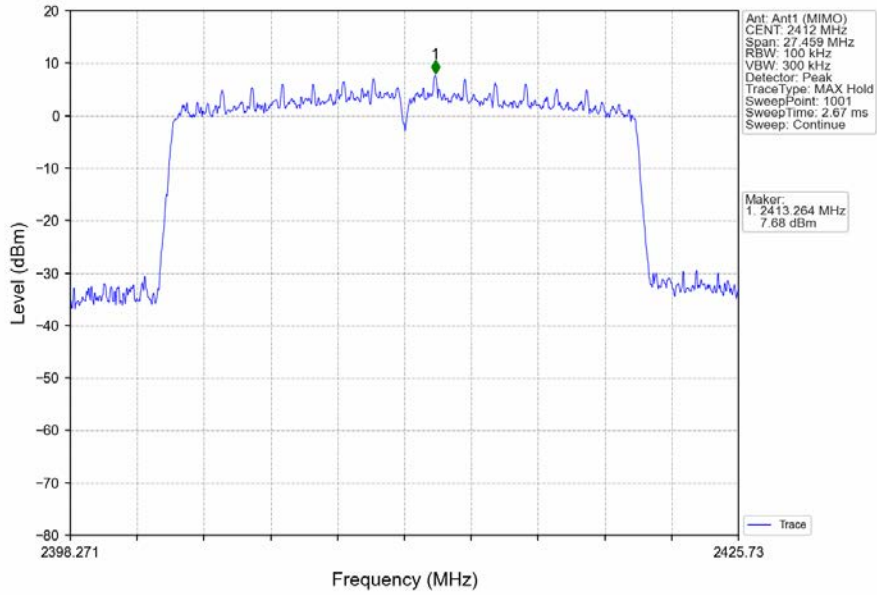
802.11n(HT40)\_HCH\_2452MHz\_Ant1 (MIMO)\_NTNV



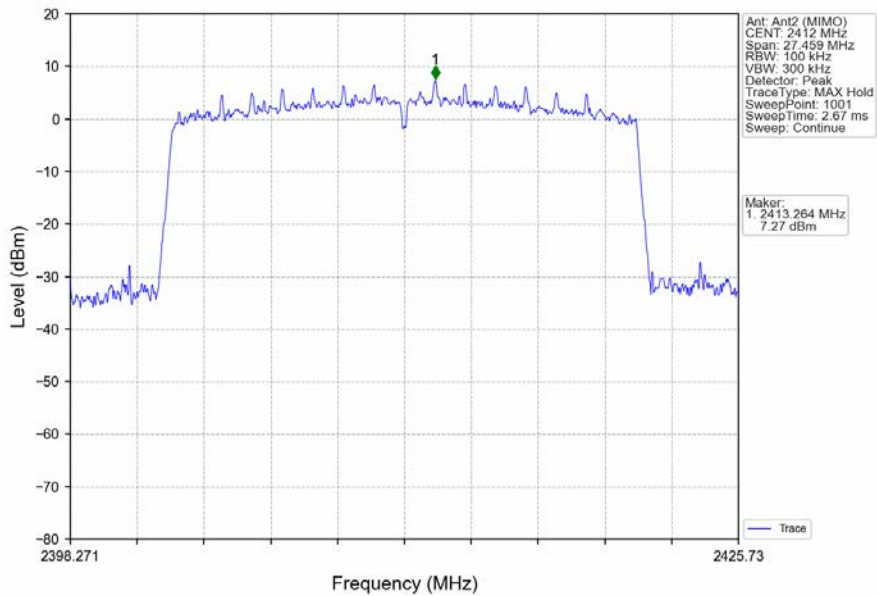
802.11n(HT40)\_HCH\_2452MHz\_Ant2 (MIMO)\_NTNV



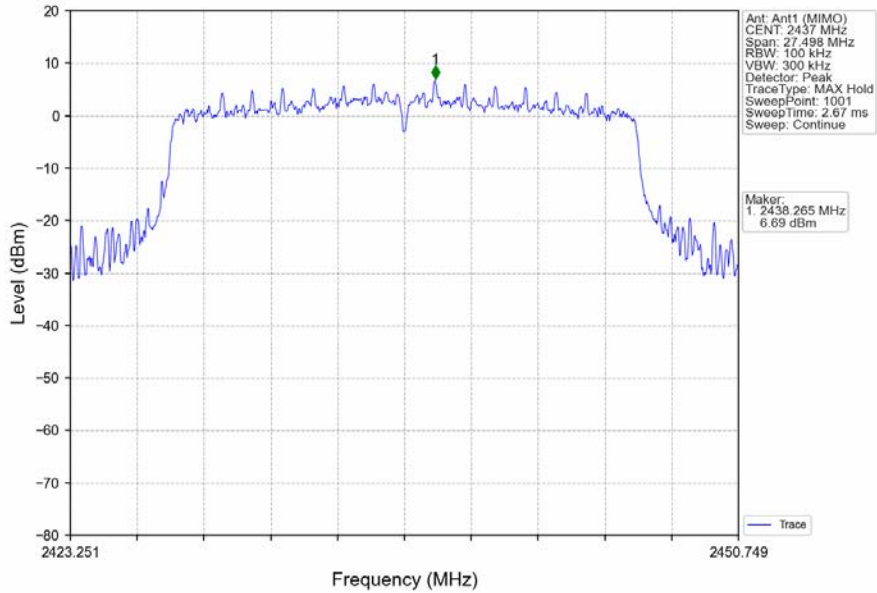
### 802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV



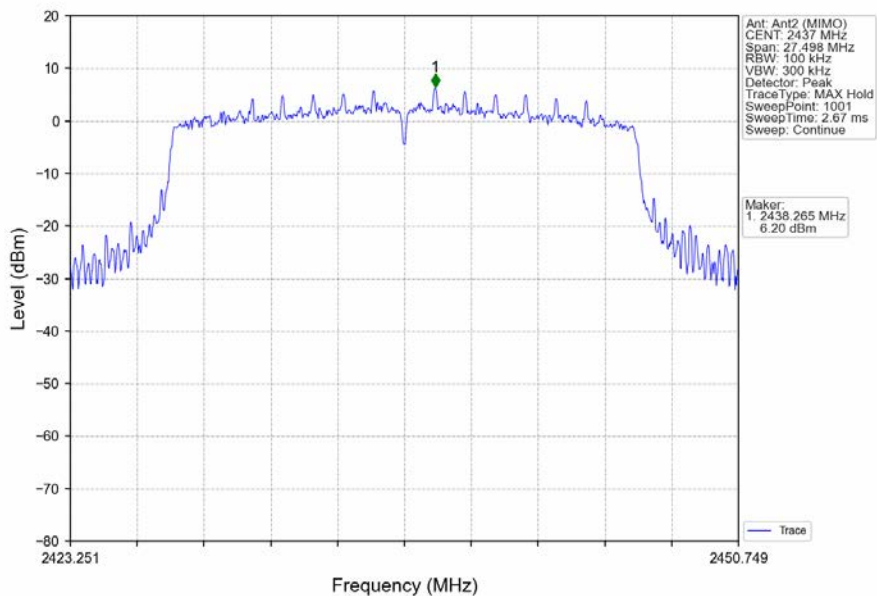
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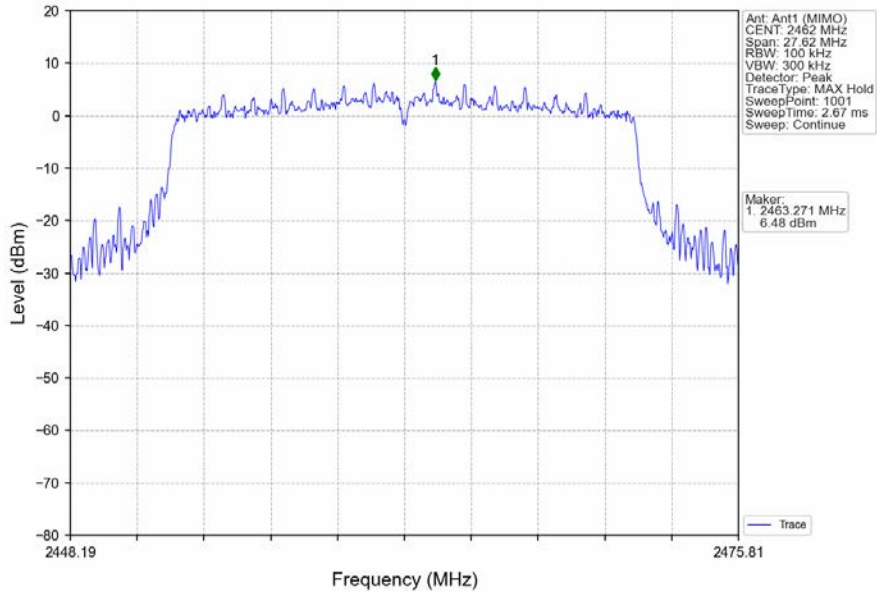
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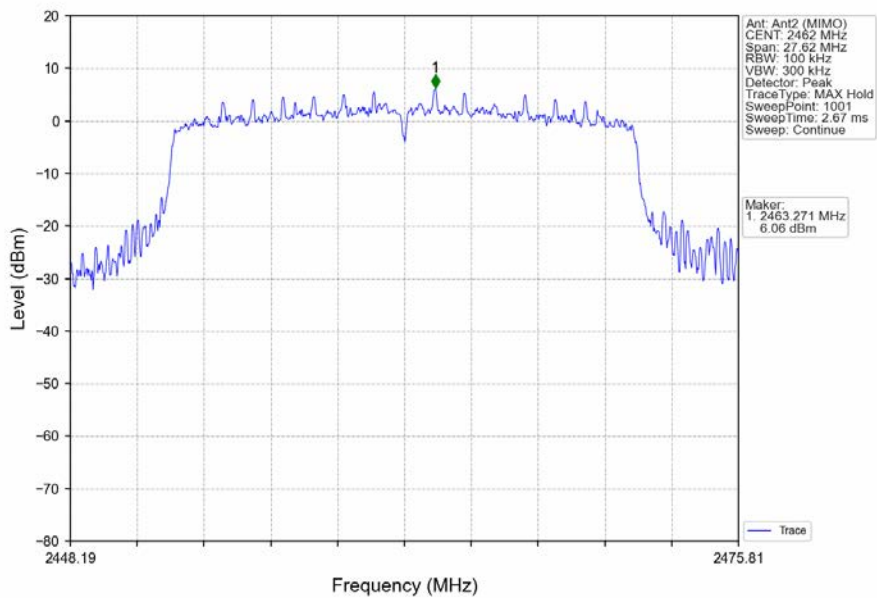
### 802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant2 (MIMO)\_NTNV



802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (MIMO)\_NTNV

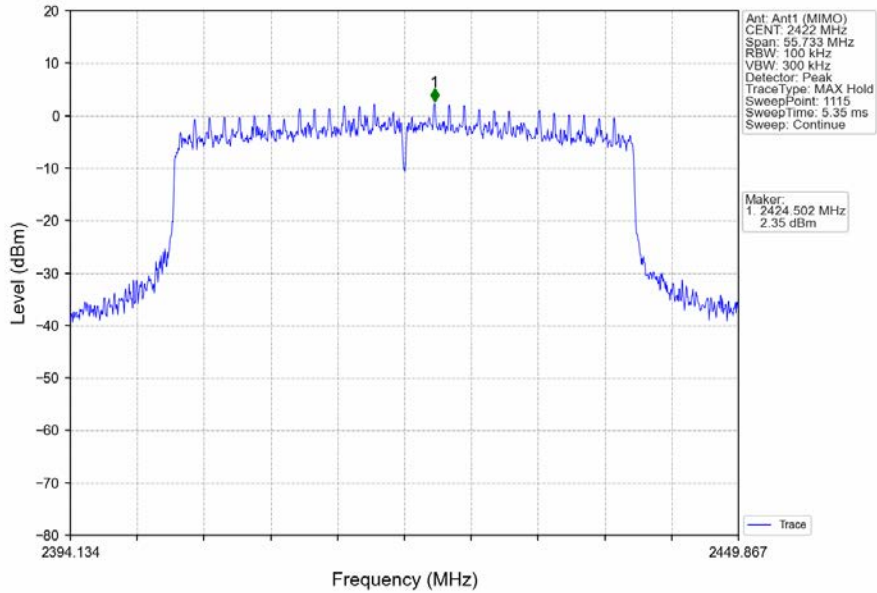


802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant2 (MIMO)\_NTNV

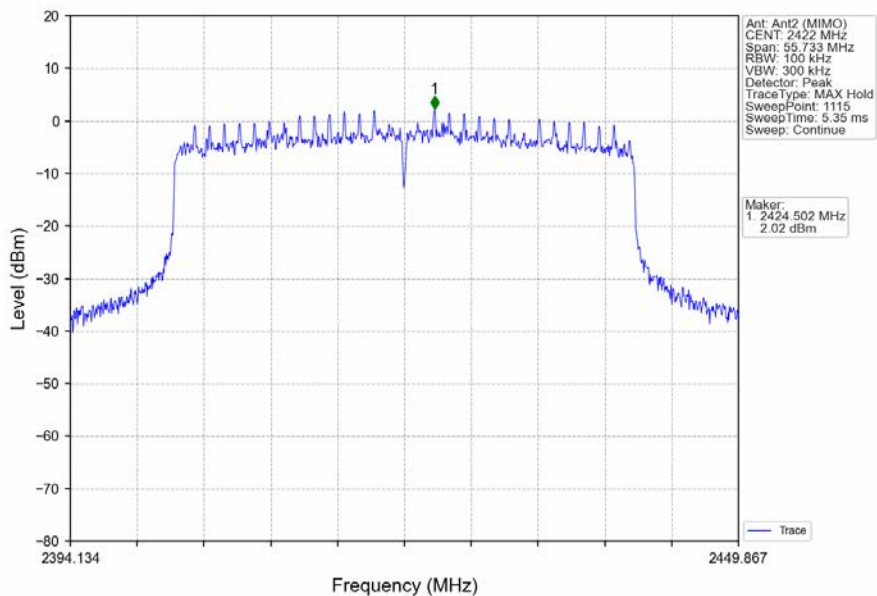




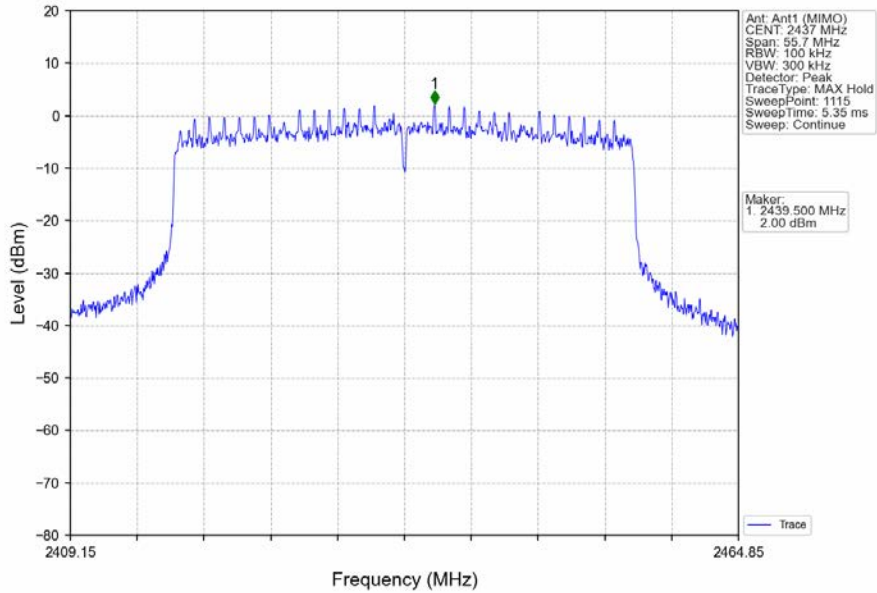
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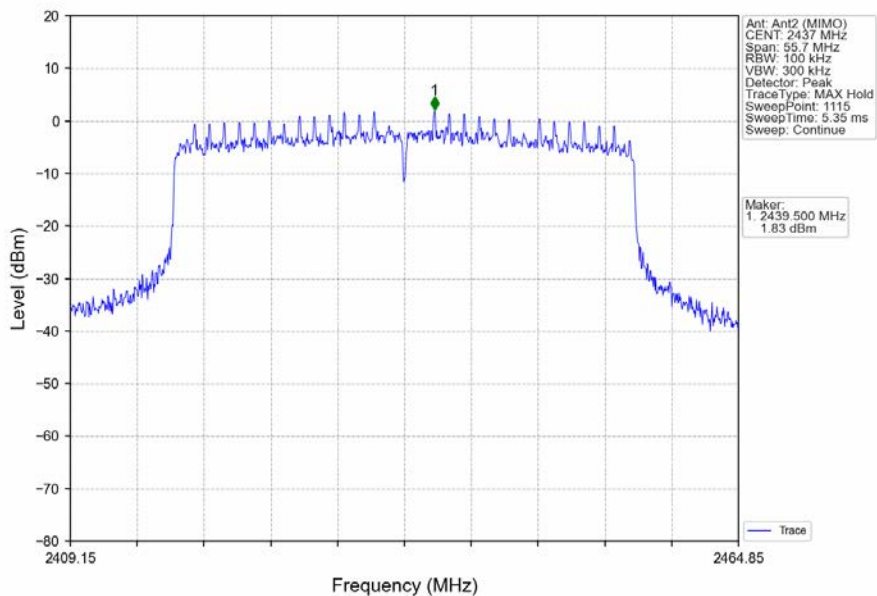
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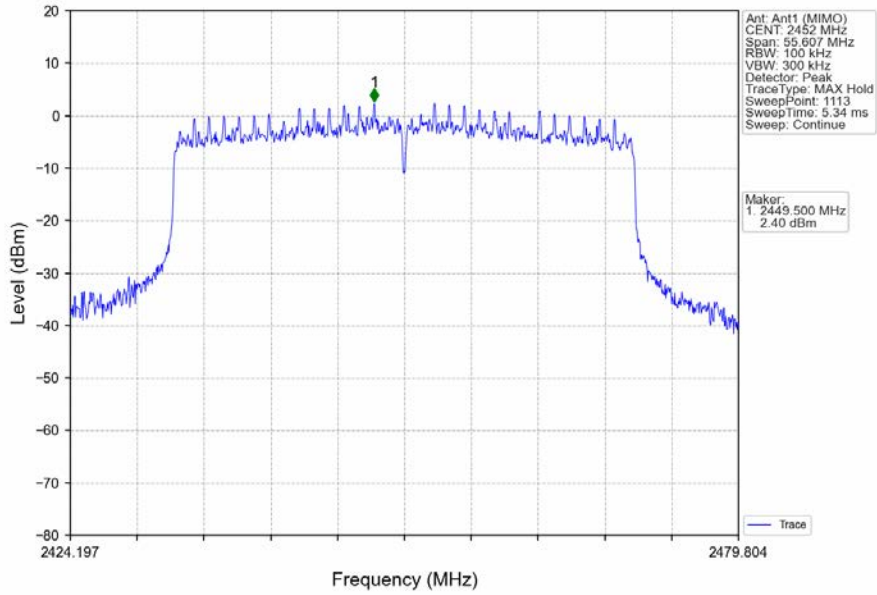
### 802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



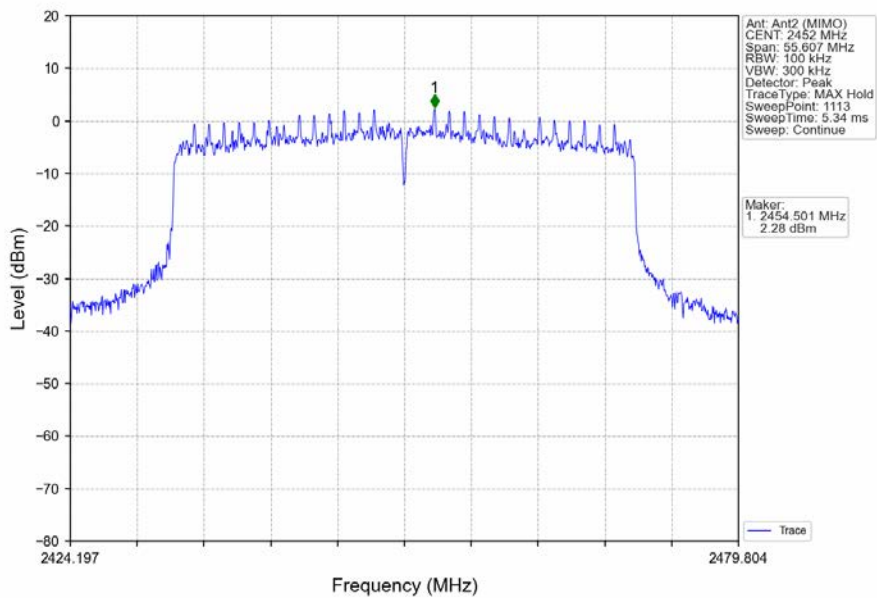
### 802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant2 (MIMO)\_NTNV



### 802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV



### 802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant2 (MIMO)\_NTNV



5.2 CSE and Band Edges

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	/	/	1	11.06	-8.94	Pass
					2	10.65	-9.35	Pass
		2437	/	/	1	11.06	-8.94	Pass
					2	10.65	-9.35	Pass
		2462	/	/	1	11.06	-8.94	Pass
					2	10.65	-9.35	Pass
802.11g	SISO	2412	/	/	1	8.32	-11.68	Pass
					2	7.84	-12.16	Pass
		2437	/	/	1	8.32	-11.68	Pass
					2	7.84	-12.16	Pass
		2462	/	/	1	8.32	-11.68	Pass
					2	7.84	-12.16	Pass
802.11n (HT20)	MIMO	2412	/	/	1	8.41	-11.59	Pass
					2	7.98	-12.02	Pass
		2437	/	/	1	8.41	-11.59	Pass
					2	7.98	-12.02	Pass
		2462	/	/	1	8.41	-11.59	Pass
					2	7.98	-12.02	Pass
802.11n (HT40)	MIMO	2422	/	/	1	2.96	-17.04	Pass
					2	2.59	-17.41	Pass
		2437	/	/	1	2.96	-17.04	Pass
					2	2.59	-17.41	Pass
		2452	/	/	1	2.96	-17.04	Pass
					2	2.59	-17.41	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	1	7.68	-12.32	Pass
					2	7.27	-12.73	Pass
		2437	RU242	Left	1	7.68	-12.32	Pass
					2	7.27	-12.73	Pass
		2462	RU242	Left	1	7.68	-12.32	Pass
					2	7.27	-12.73	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	1	2.42	-17.58	Pass
					2	2.28	-17.72	Pass
		2437	RU484	Left	1	2.42	-17.58	Pass
					2	2.28	-17.72	Pass



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		2452	RU484	Left	1	2.42	-17.58	Pass
					2	2.28	-17.72	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.



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No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

### 5.2.2 Test Graph

