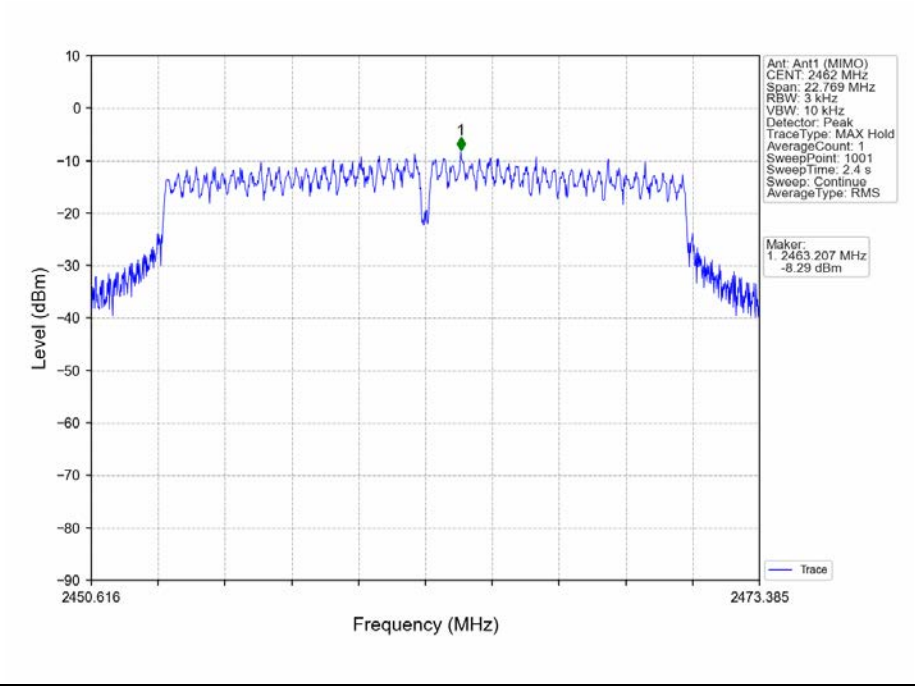
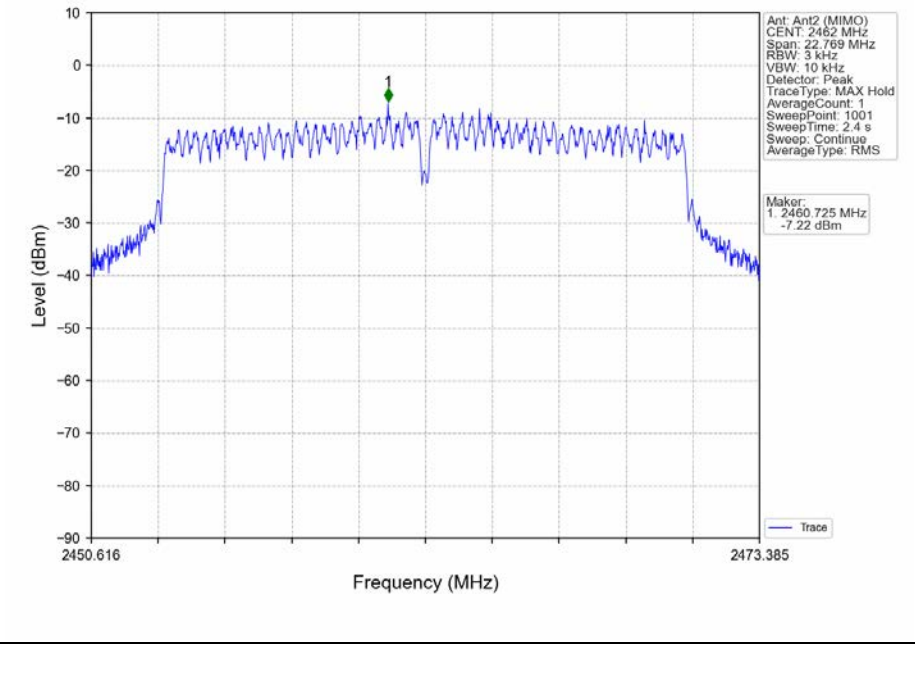
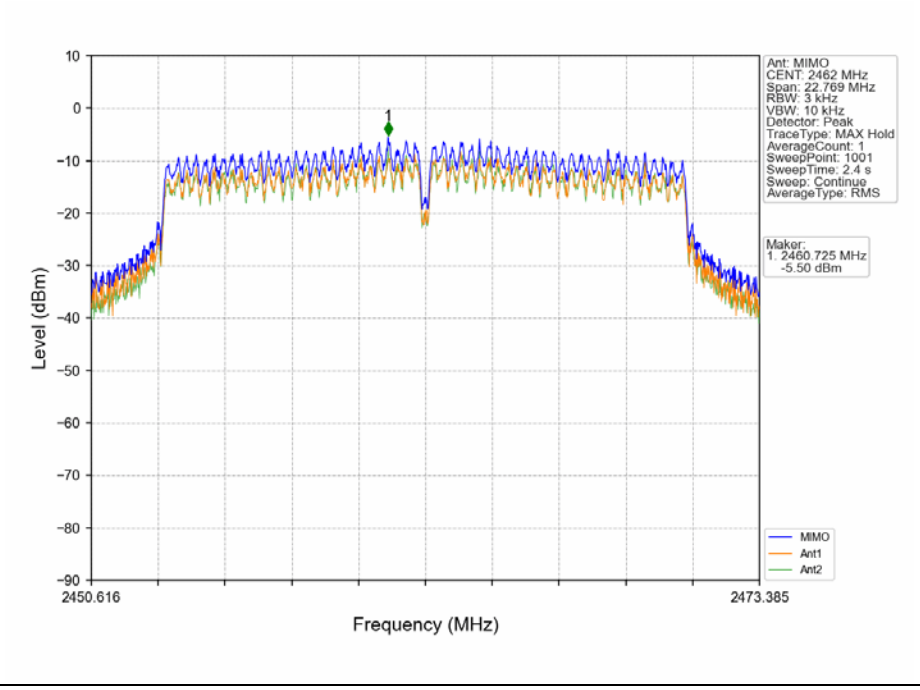
802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



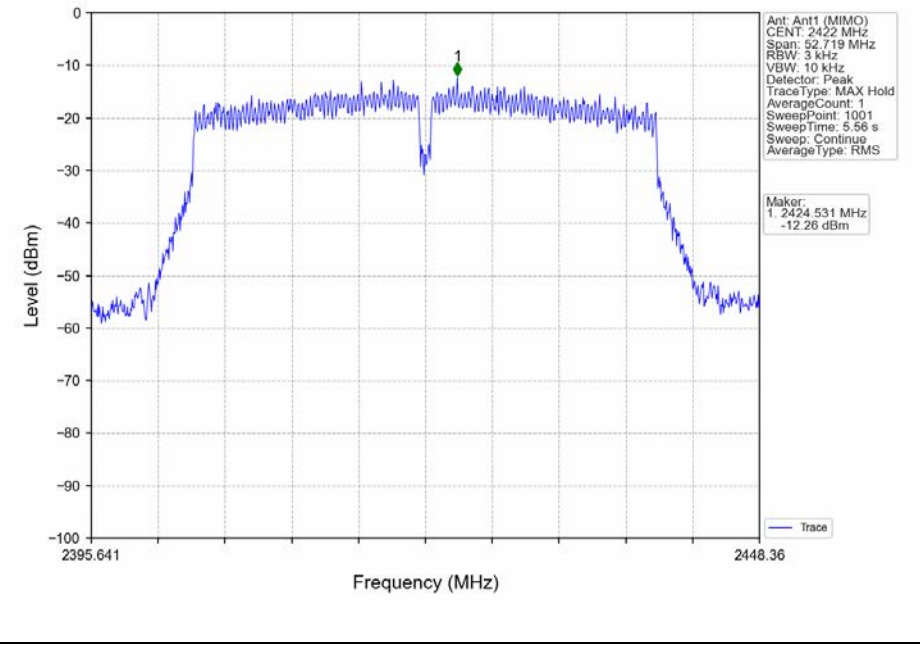
802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



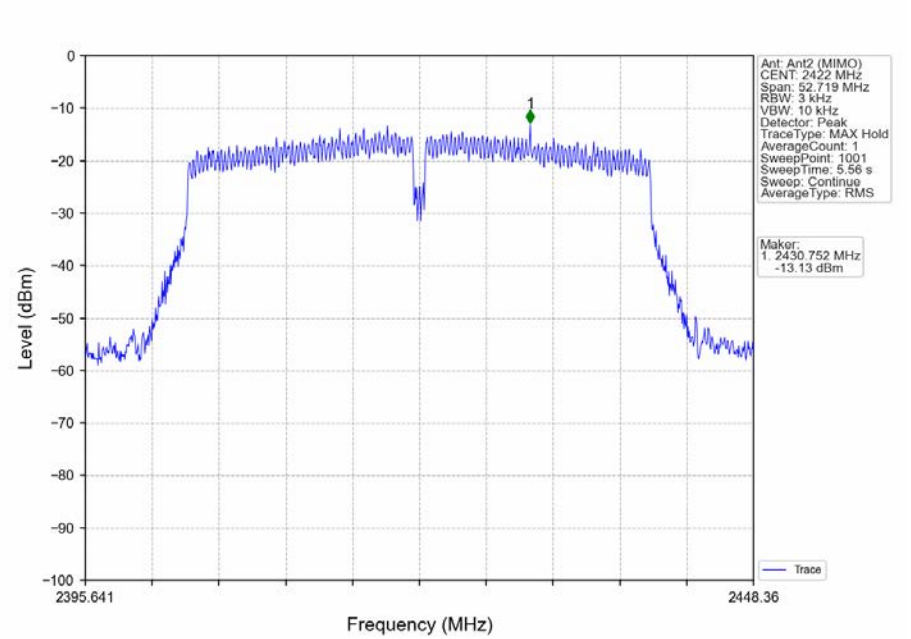
802.11n(HT20)_HCH_2462MHz_MIMO_NTNV



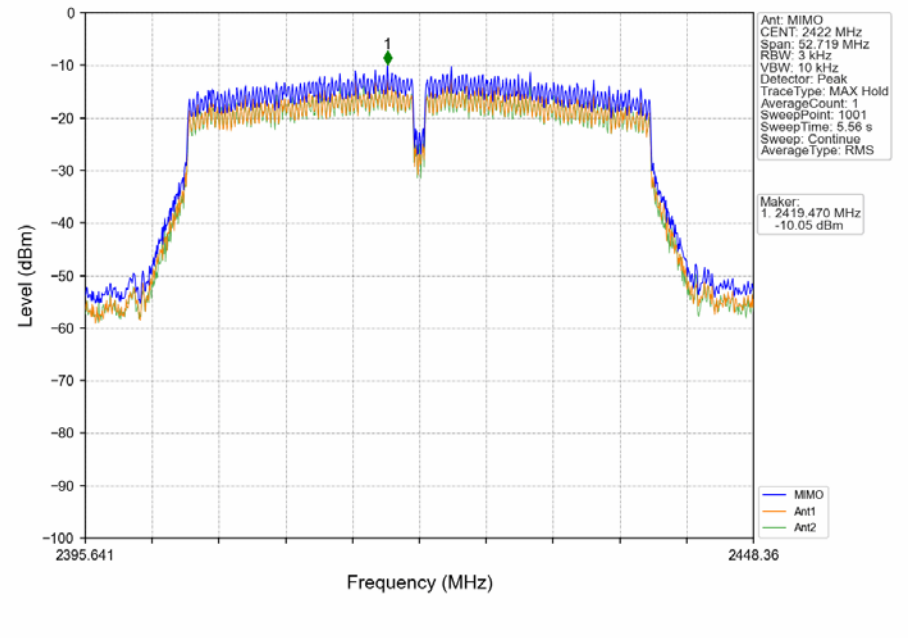
802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



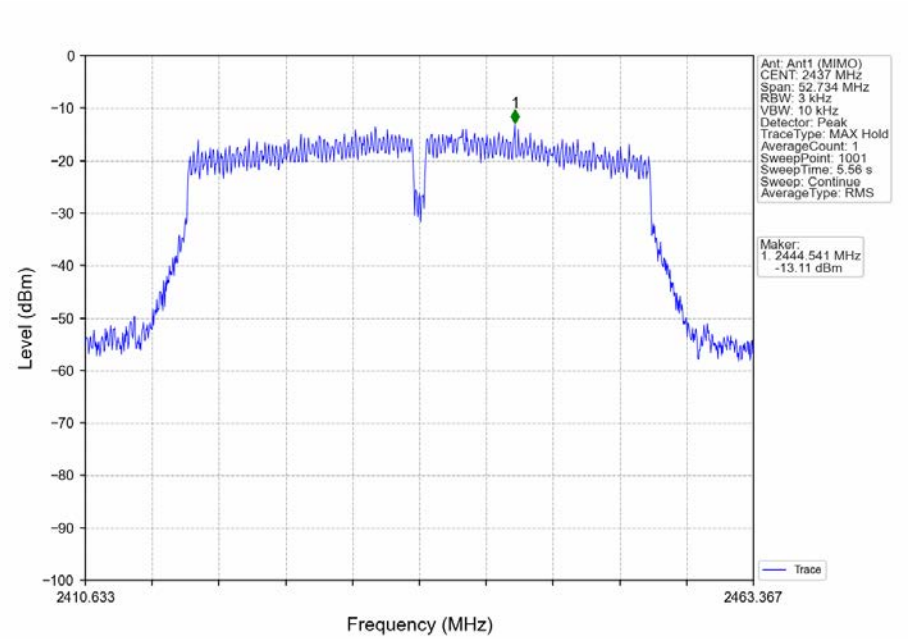
802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV



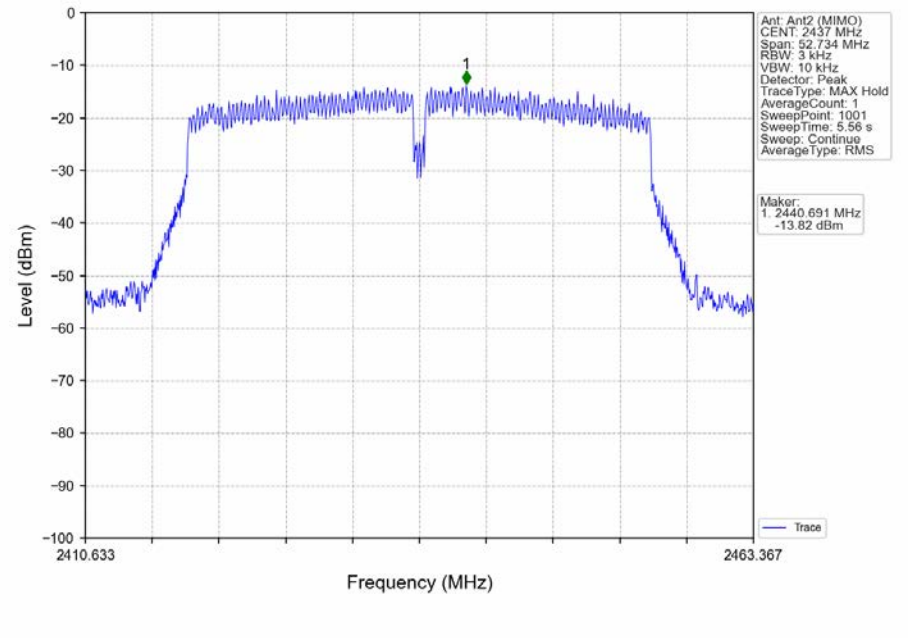
802.11n(HT40)_LCH_2422MHz_MIMO_NTNV



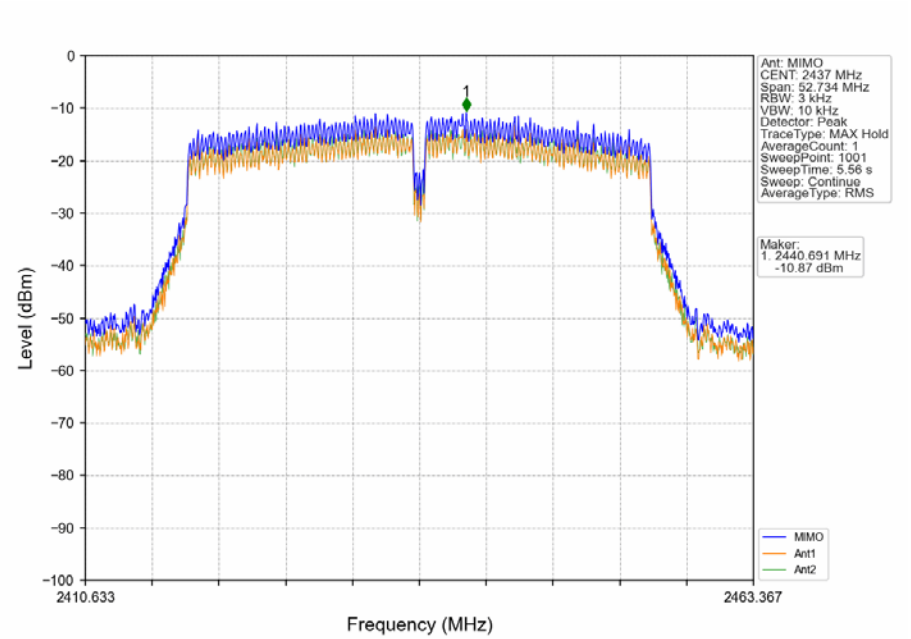
802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



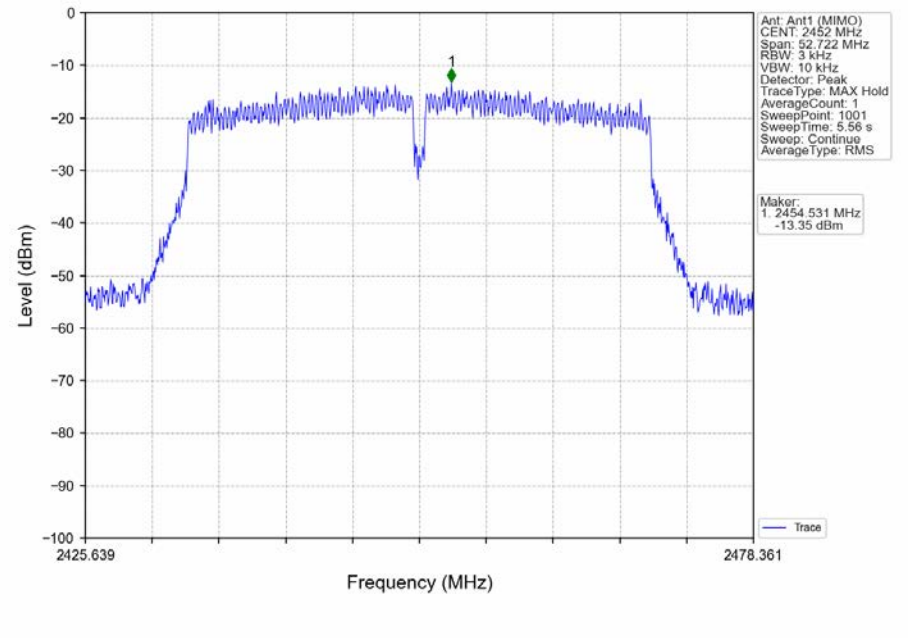
802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV



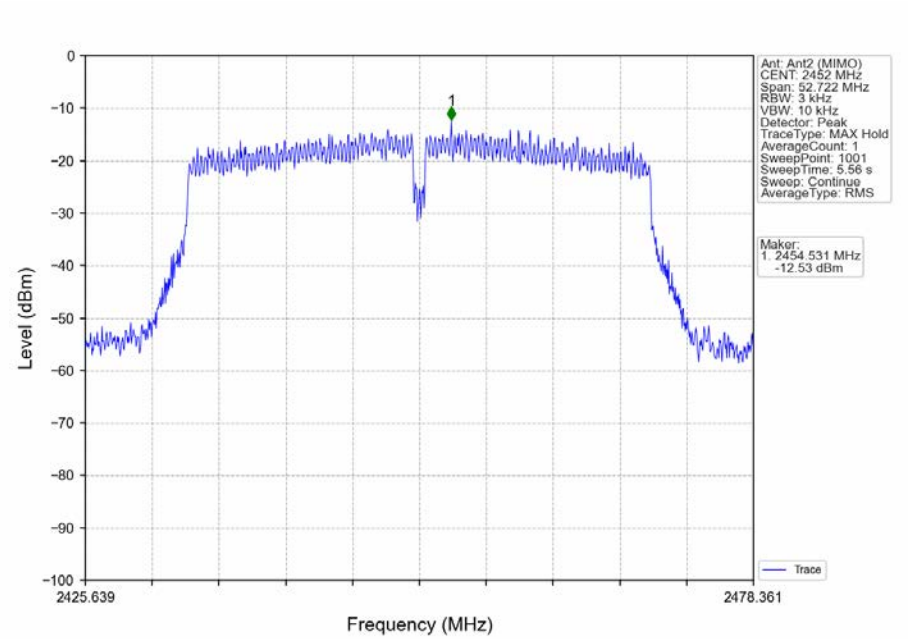
802.11n(HT40)_MCH_2437MHz_MIMO_NTNV



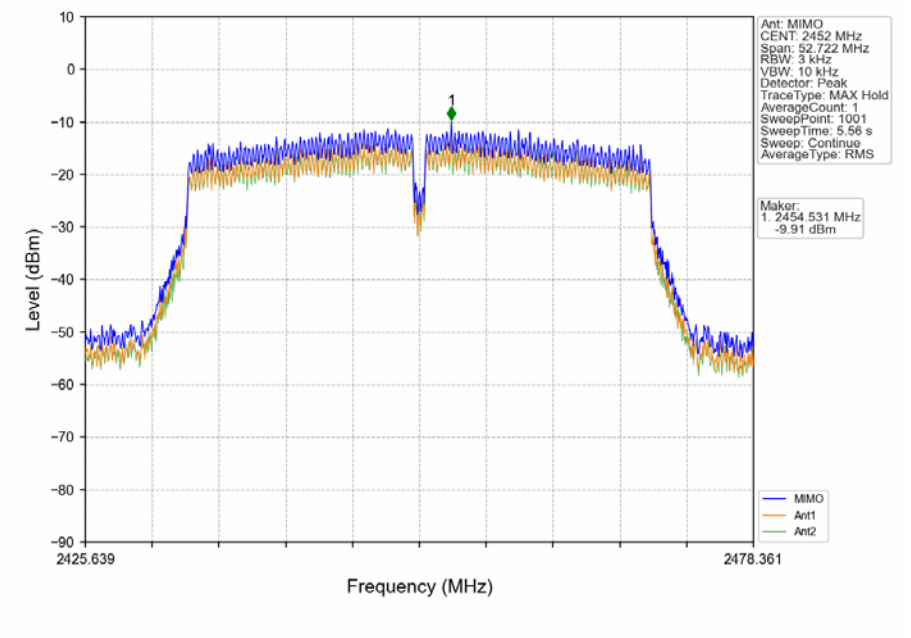
802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV



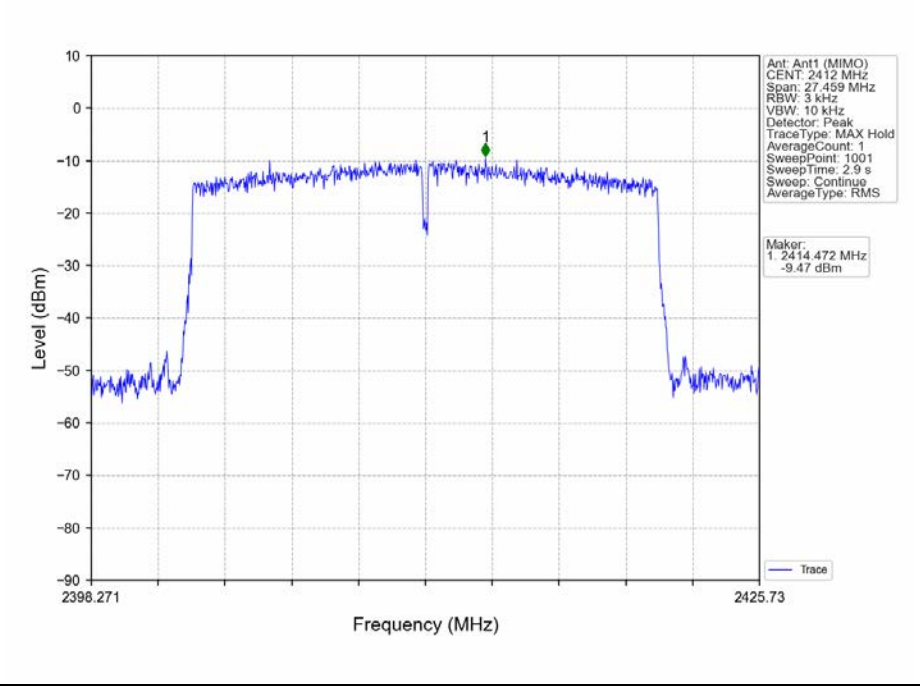
802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



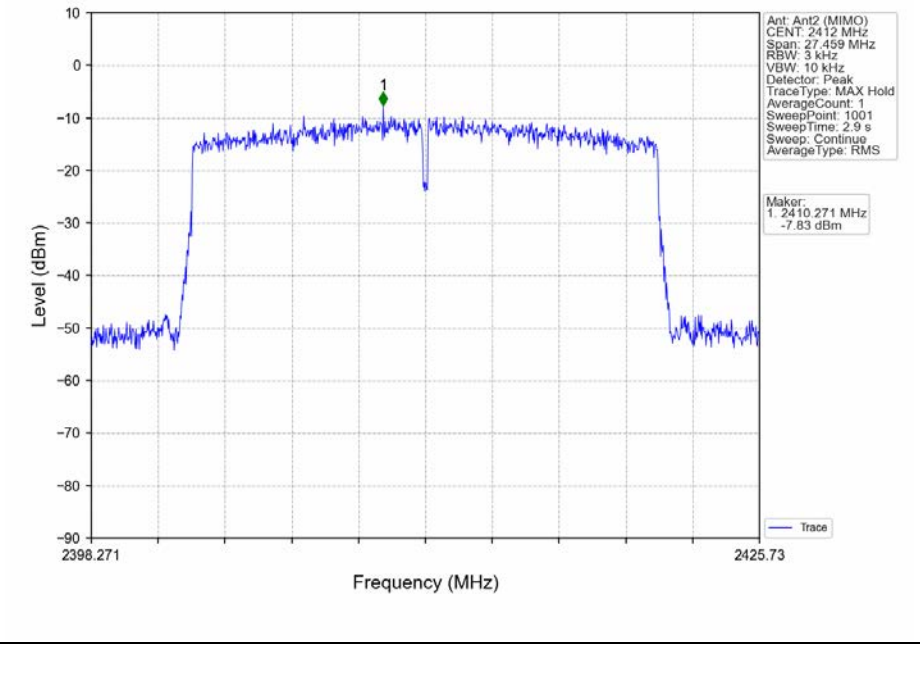
802.11n(HT40)_HCH_2452MHz_MIMO_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant2 (MIMO)_NTNV



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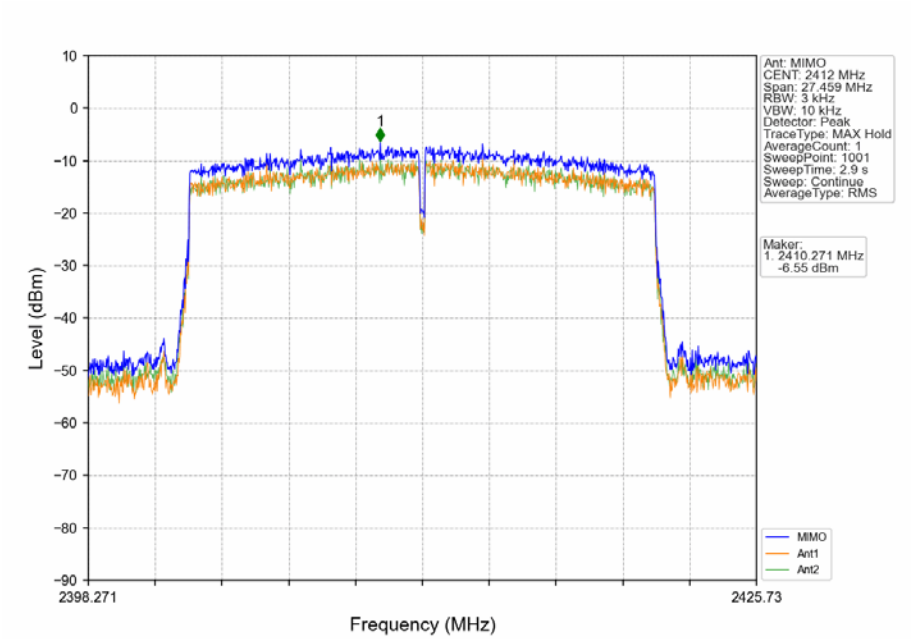
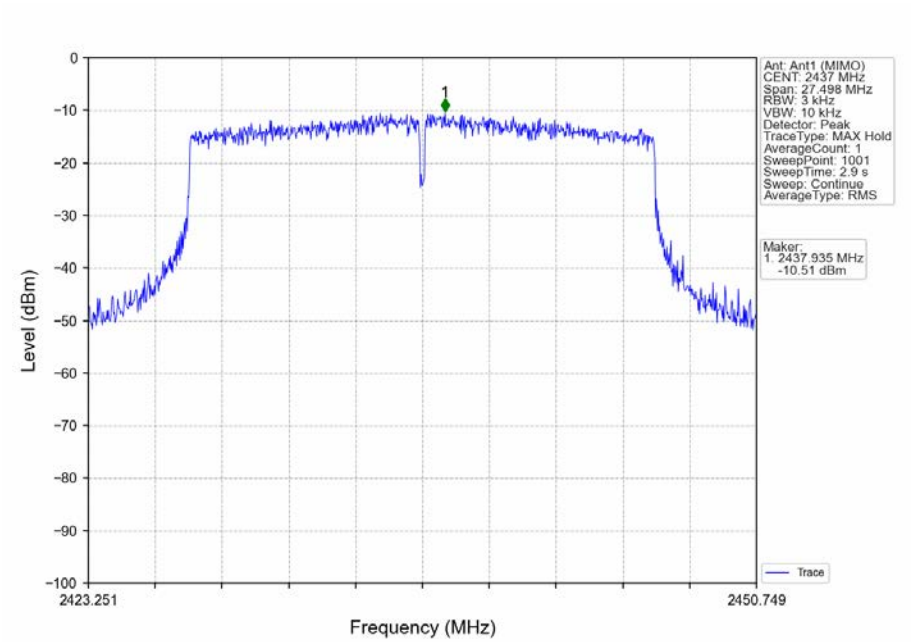
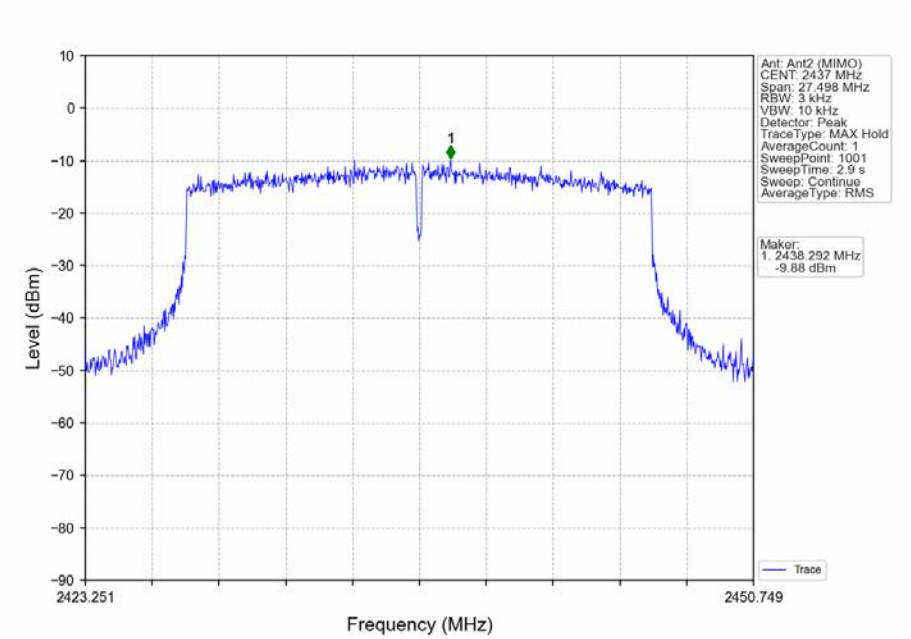
802.11ax(HEW20)_LCH_2412MHz_RU242_Left_MIMO_NTNV



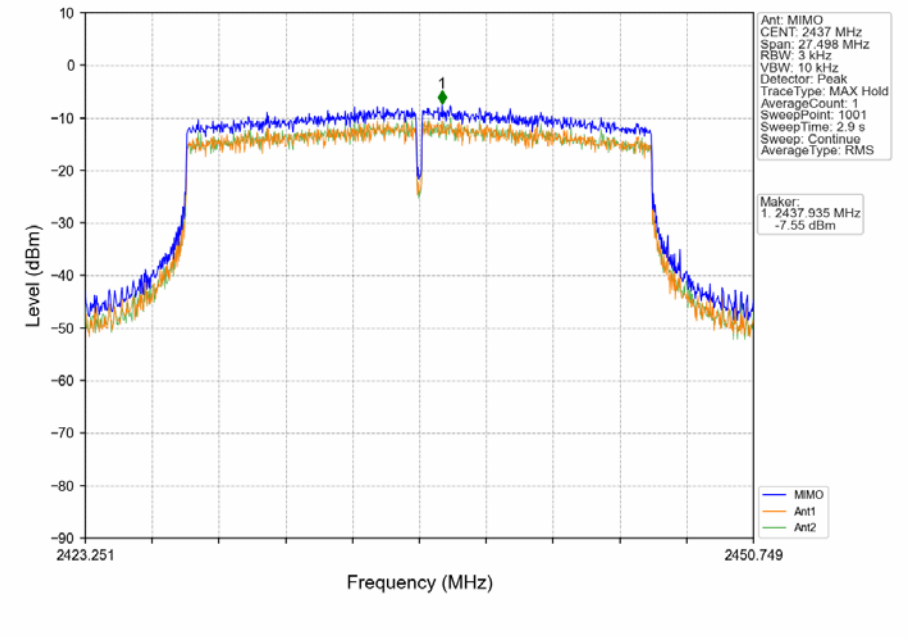
802.11ax(HEW20)_MCH_2437MHz_RU242_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_RU242_Left_Ant2 (MIMO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_RU242_Left_MIMO_NTNV



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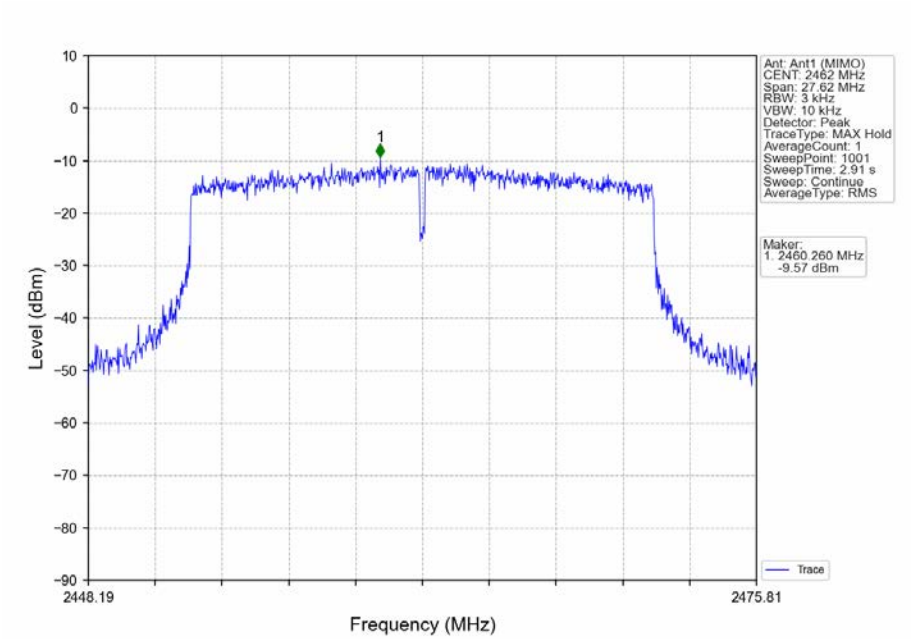
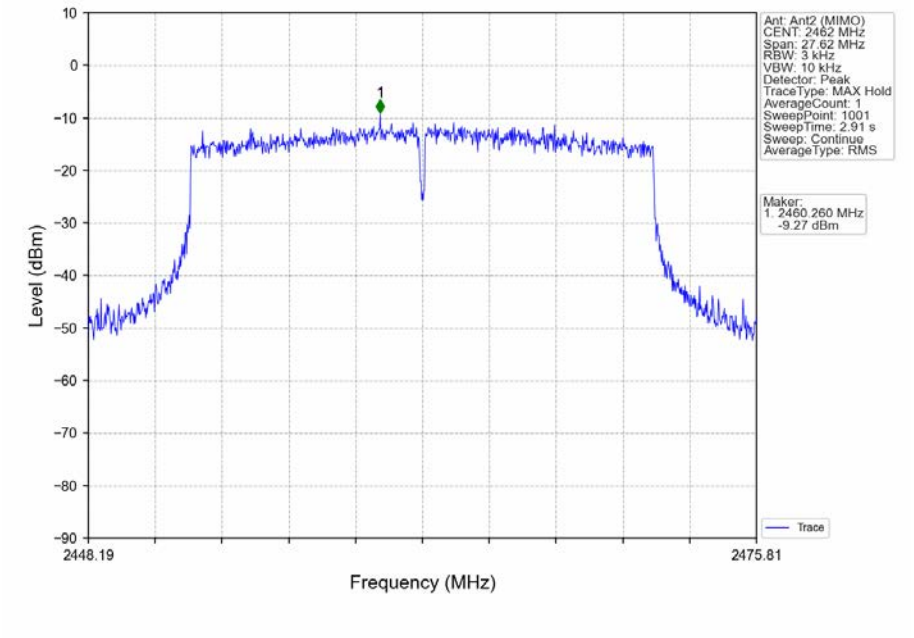
802.11ax(HEW20)_HCH_2462MHz_RU242_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW20)_HCH_2462MHz_RU242_Left_Ant2 (MIMO)_NTNV



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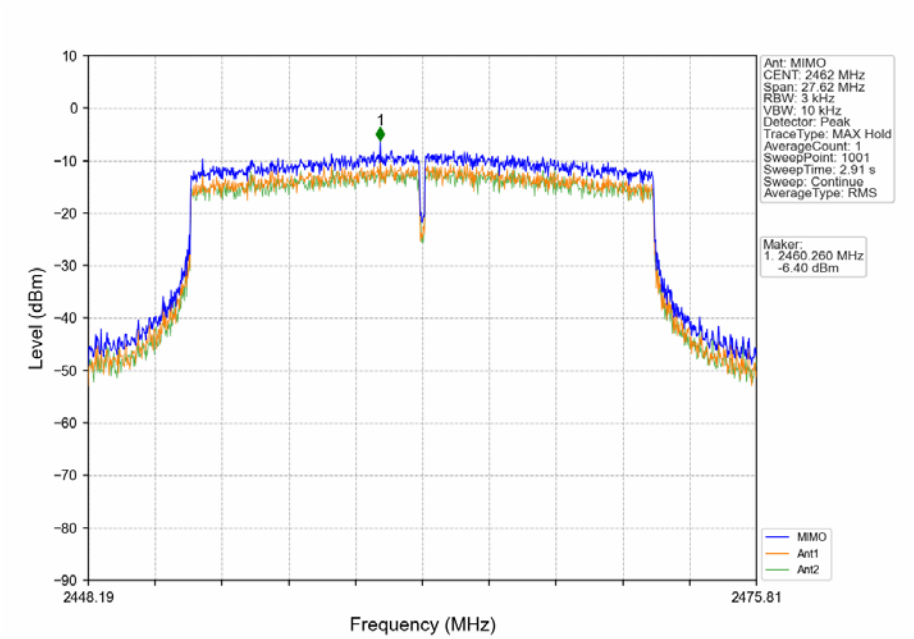
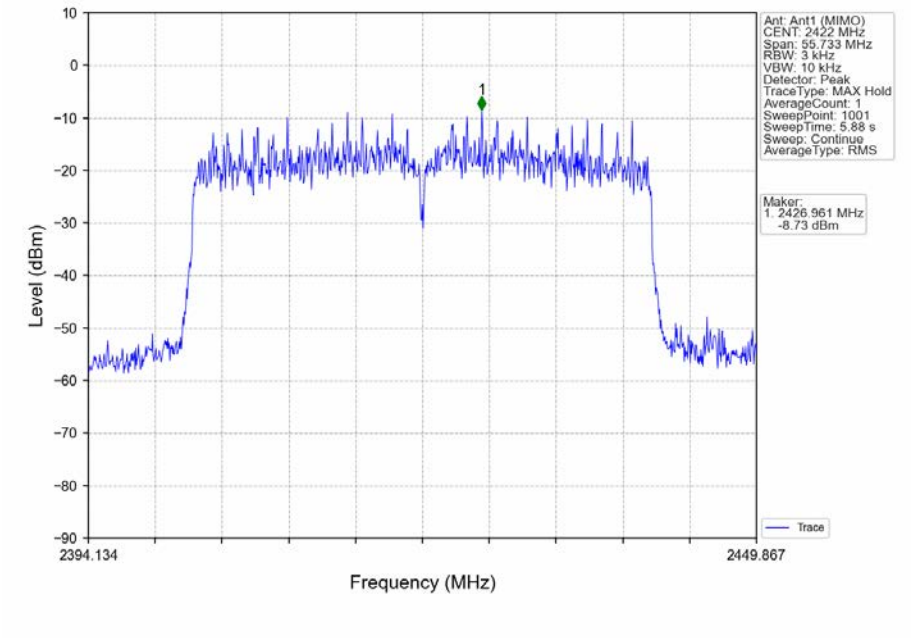
802.11ax(HEW20)_HCH_2462MHz_RU242_Left_MIMO_NTNV



802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant1 (MIMO)_NTNV



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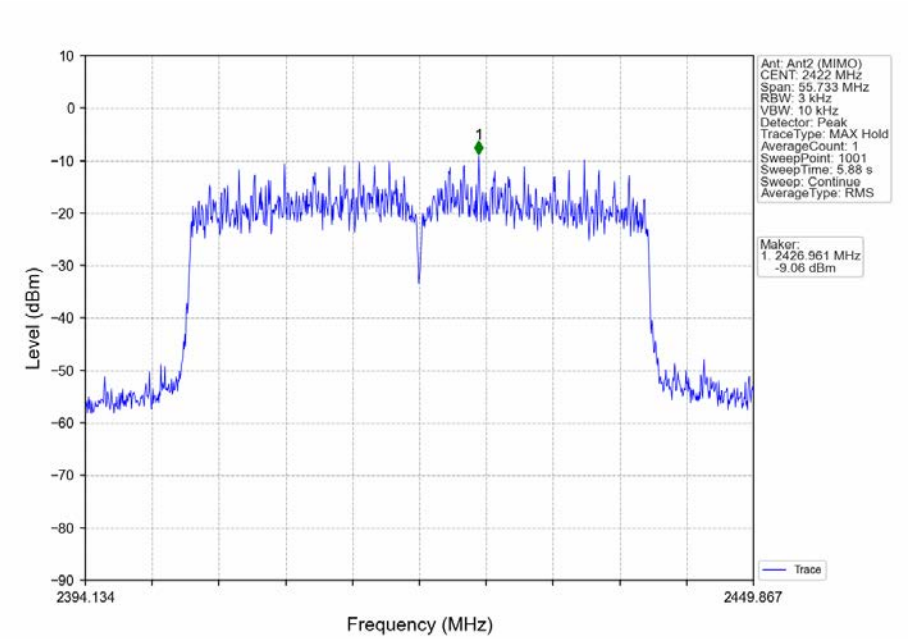
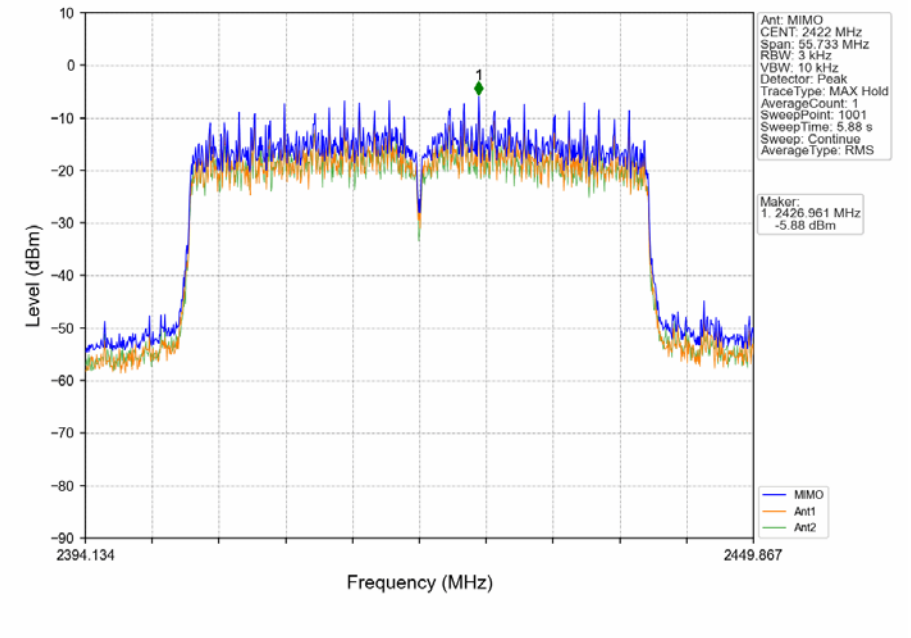
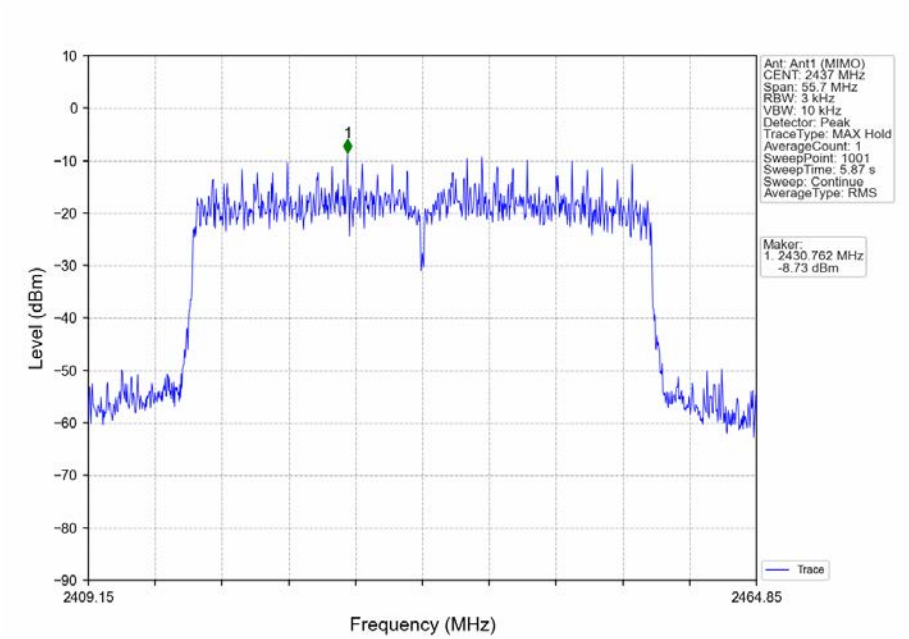
802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant2 (MIMO)_NTNV



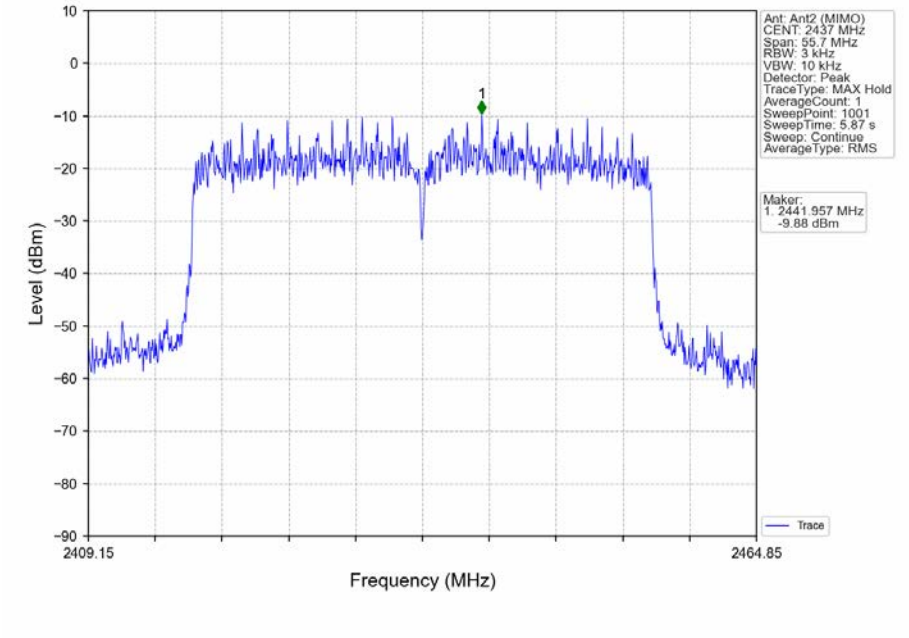
802.11ax(HEW40)_LCH_2422MHz_RU484_Left_MIMO_NTNV



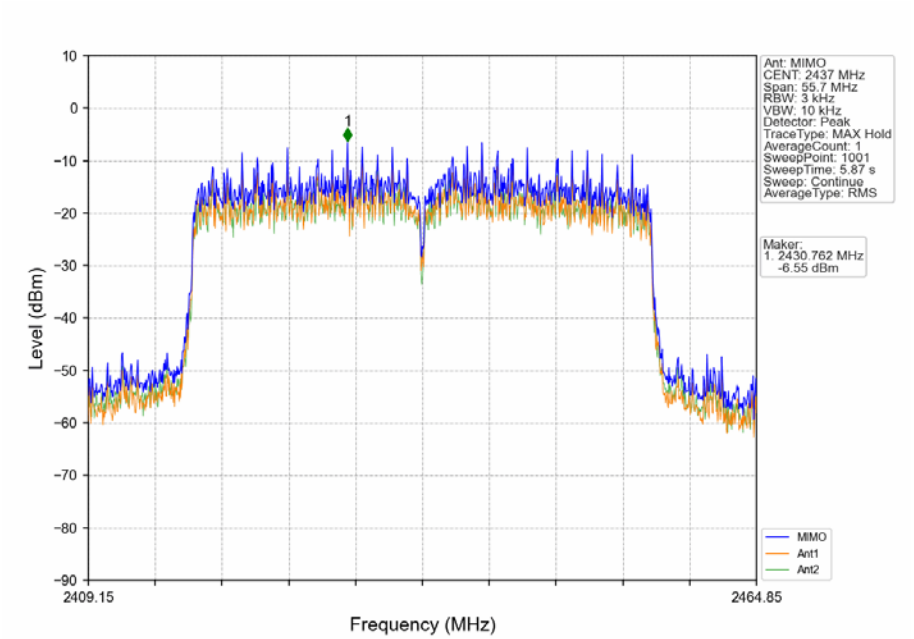
802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant1 (MIMO)_NTNV



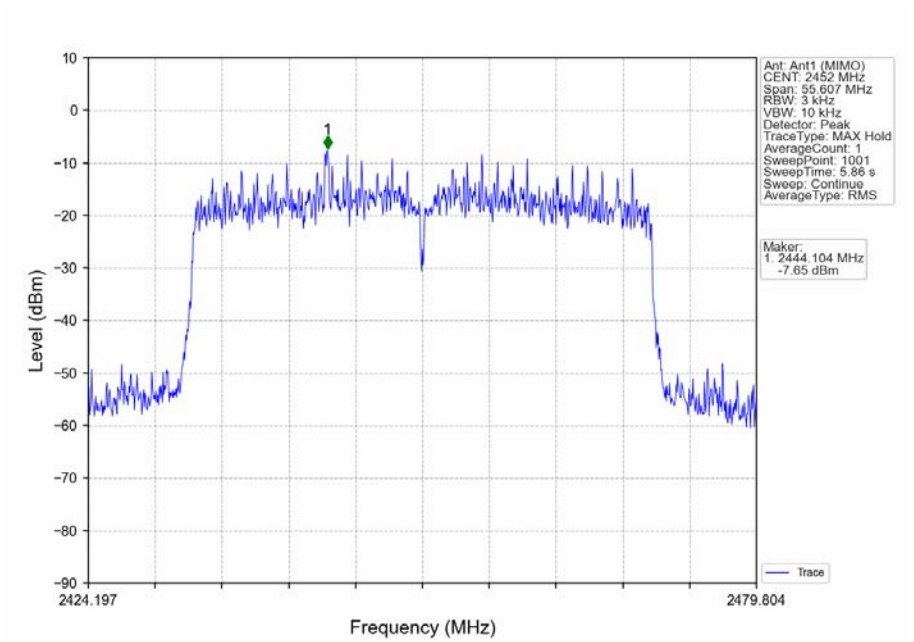
802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant2 (MIMO)_NTNV



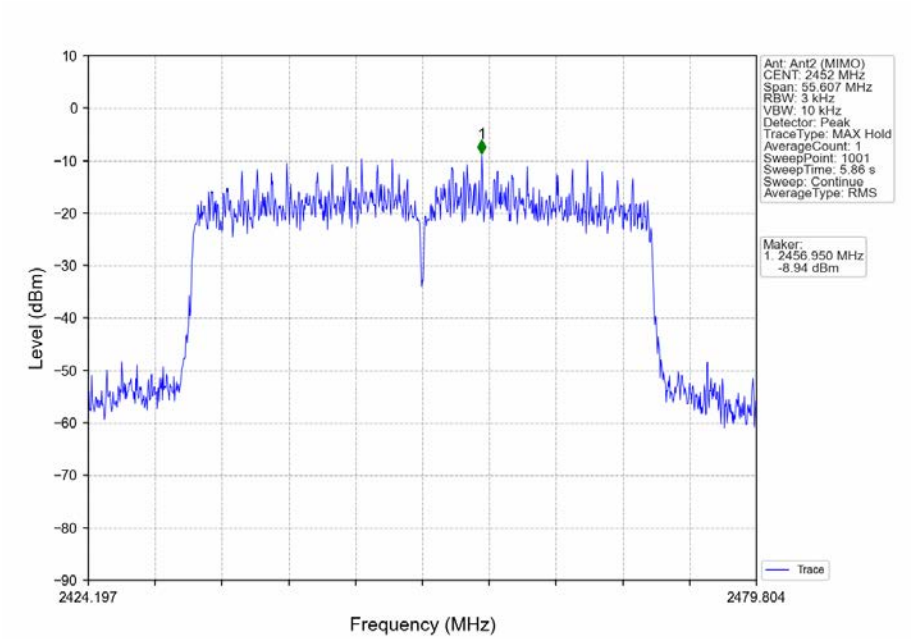
802.11ax(HEW40)_MCH_2437MHz_RU484_Left_MIMO_NTNV



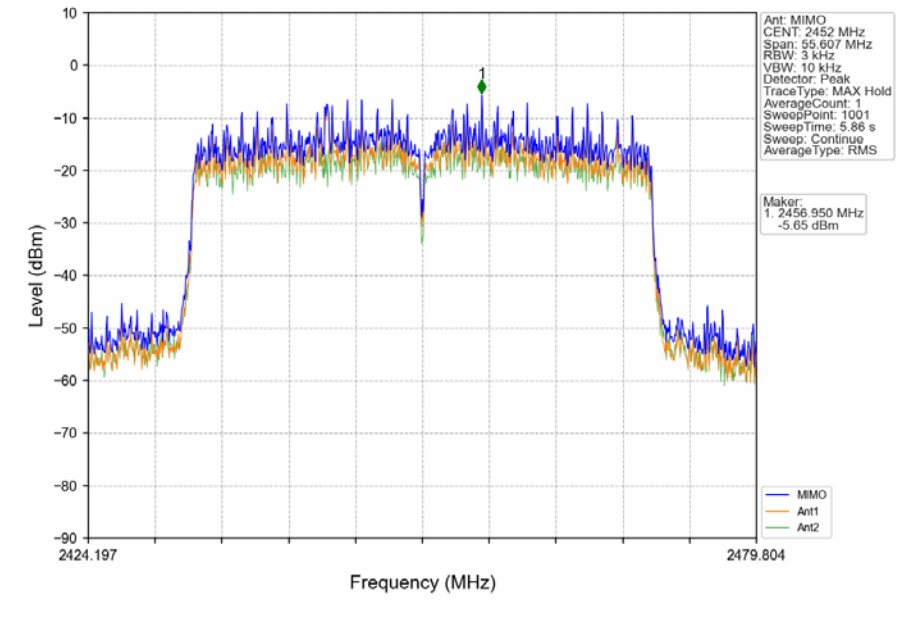
802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant1 (MIMO)_NTNV



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

		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.						

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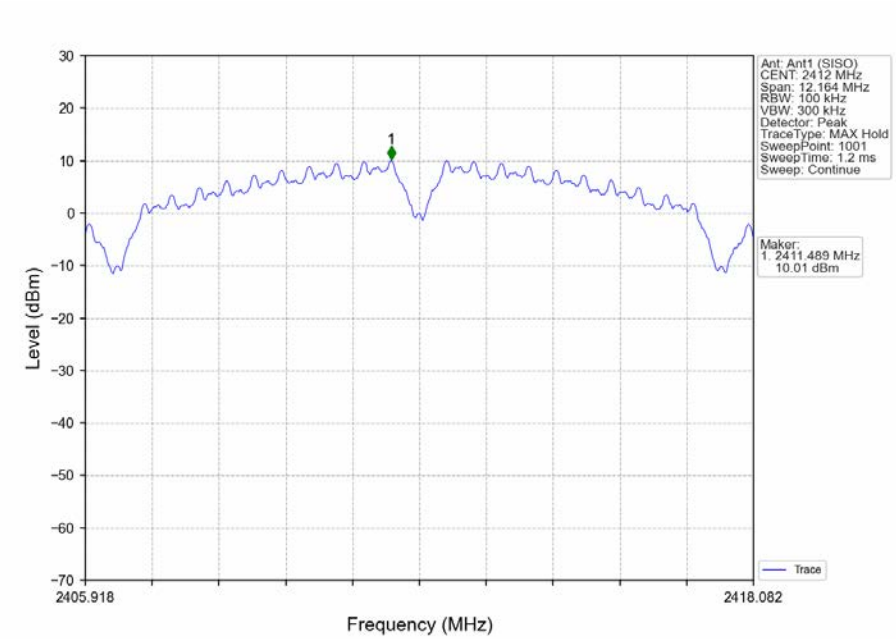
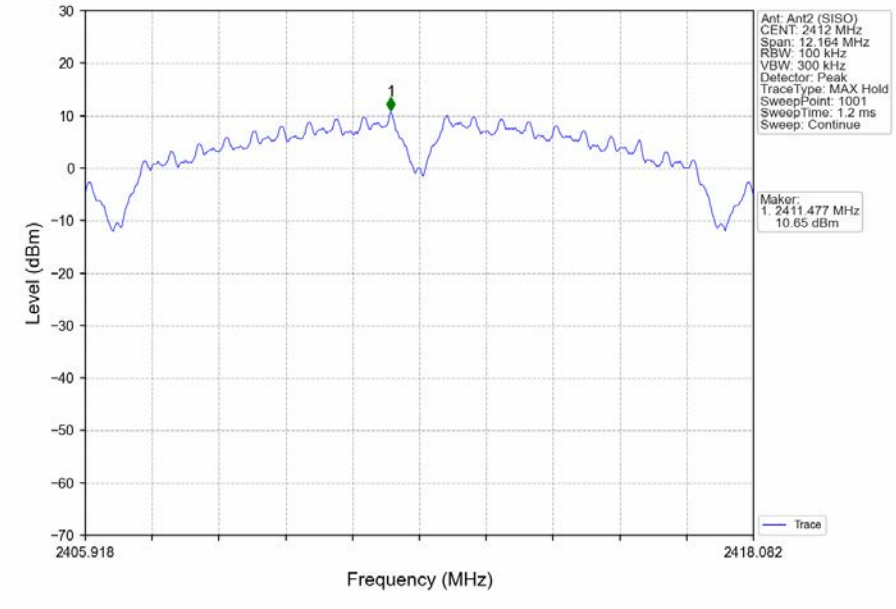
5.1.2 Test Graph

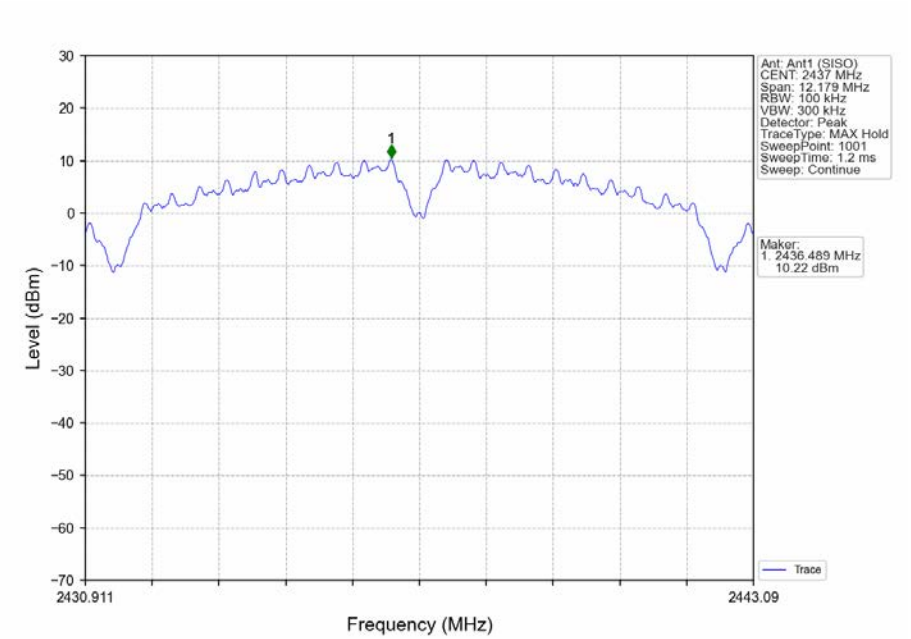
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



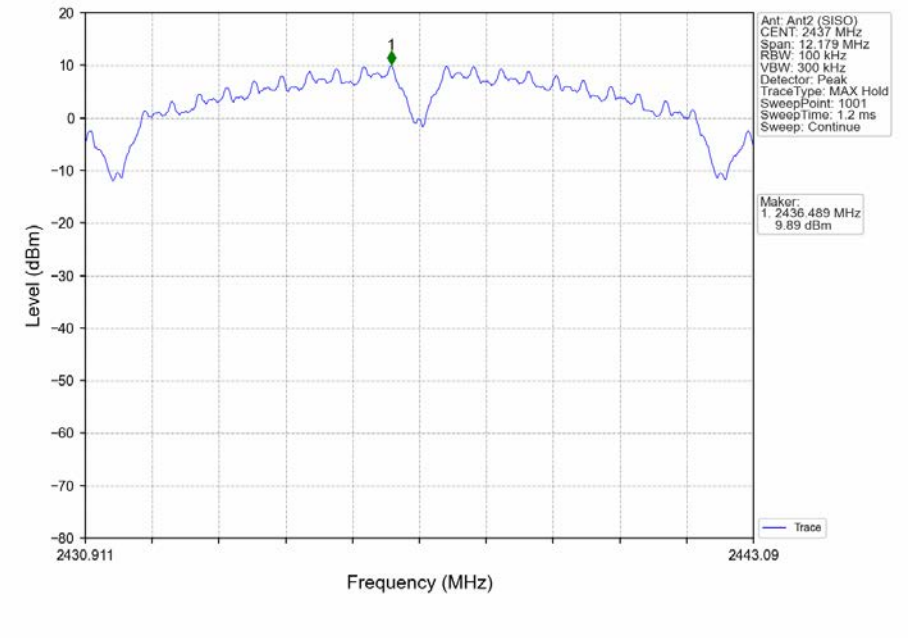
802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



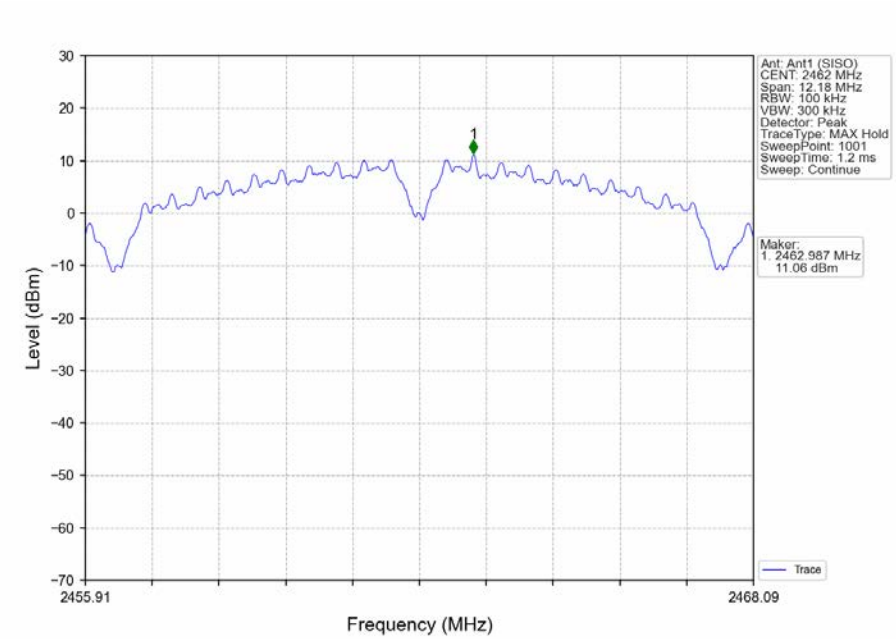
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



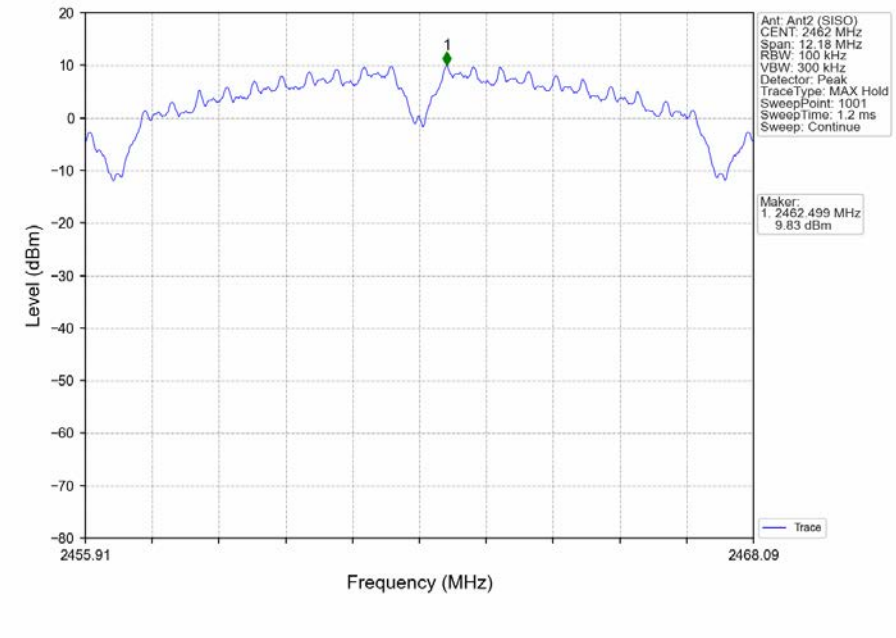
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



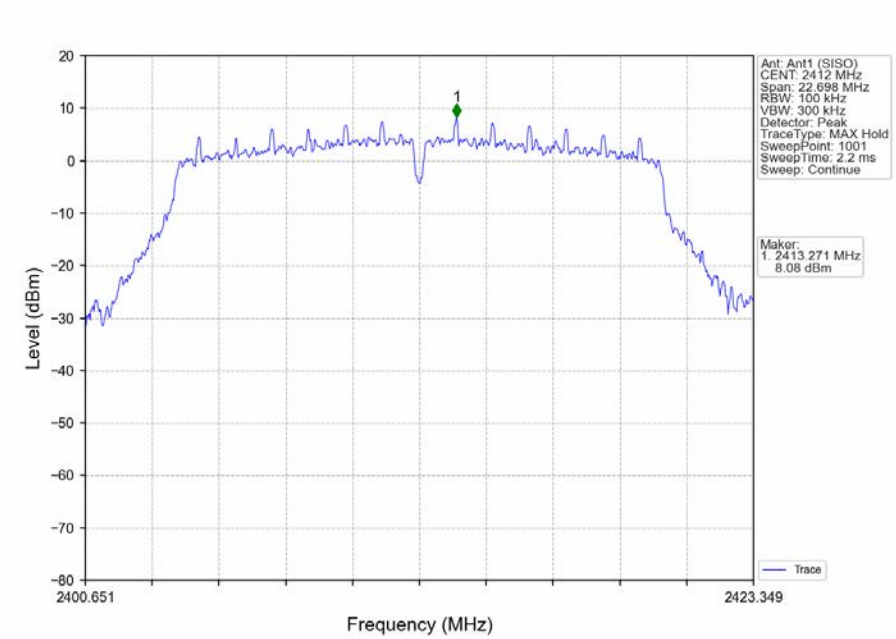
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



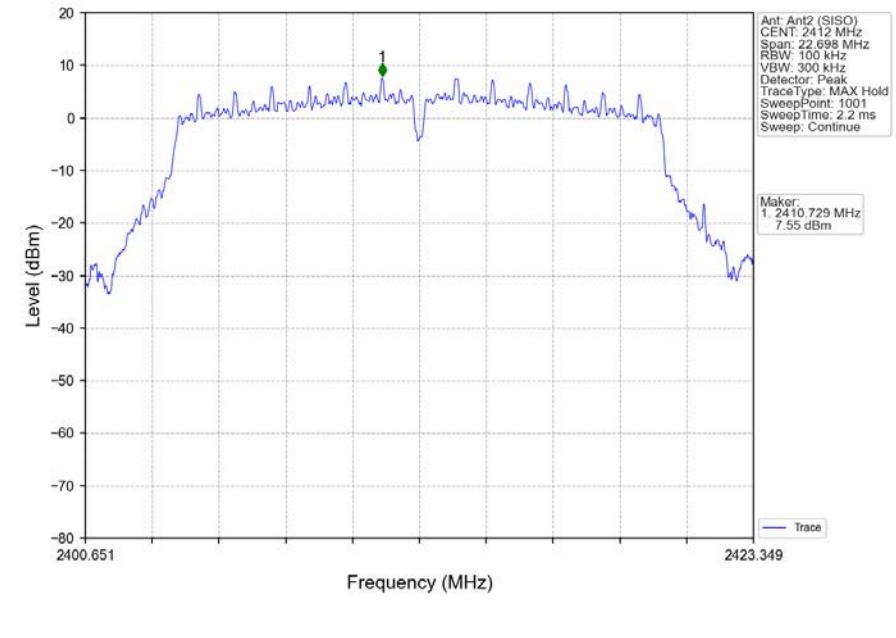
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



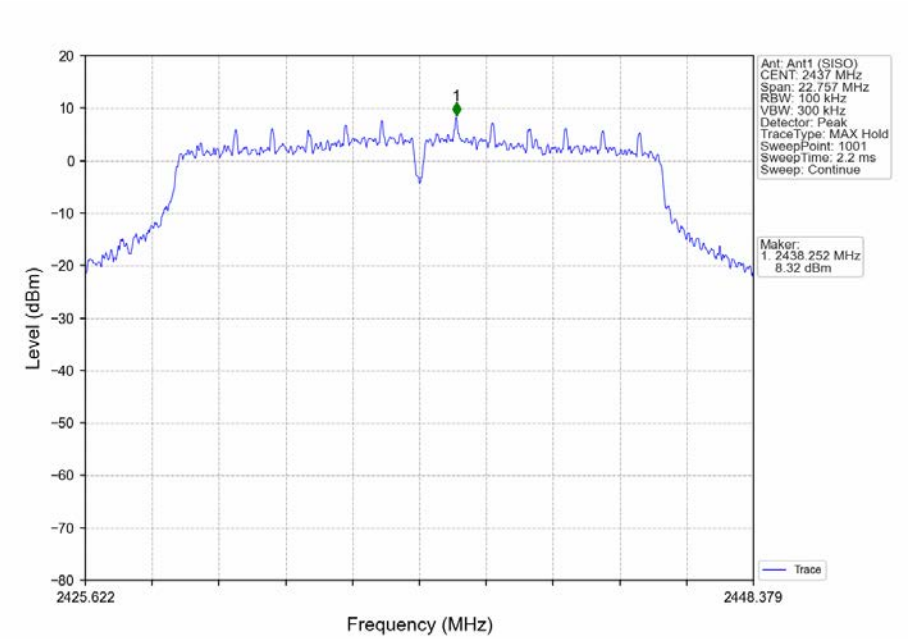
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



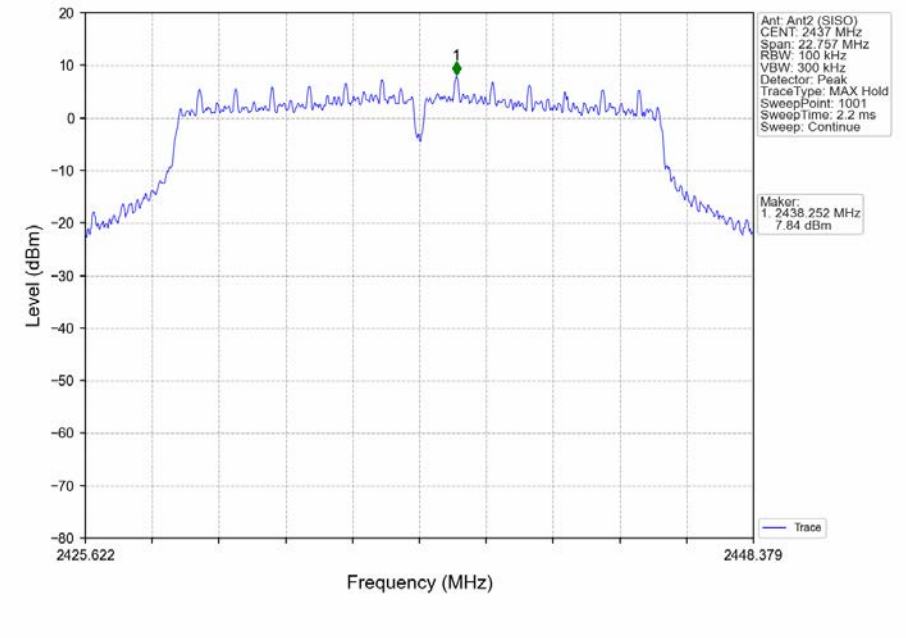
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



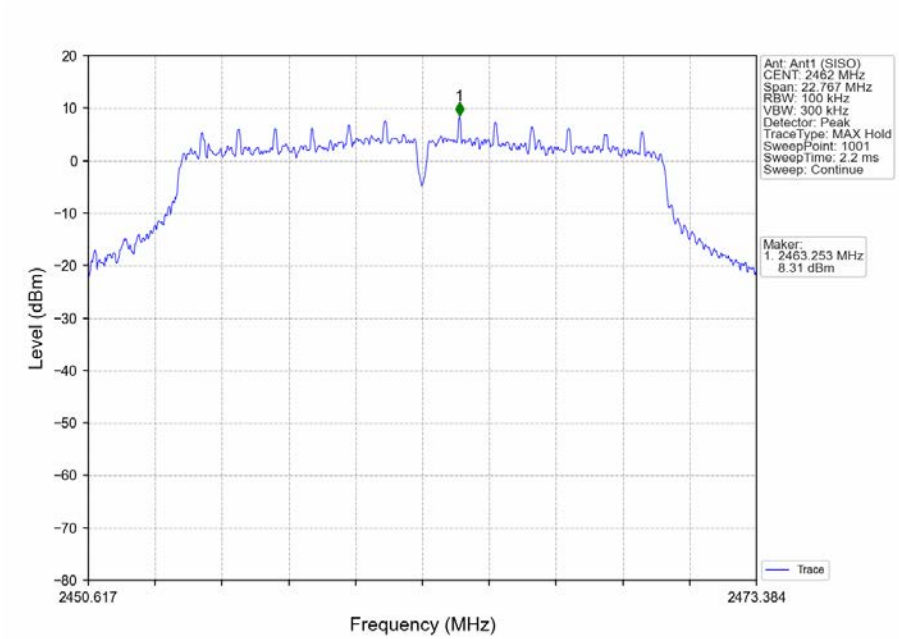
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



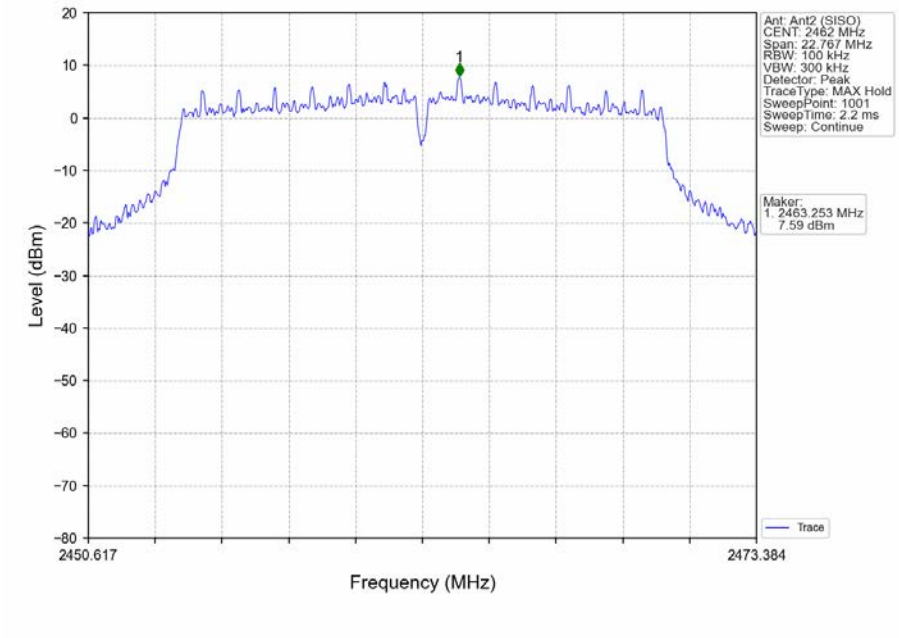
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



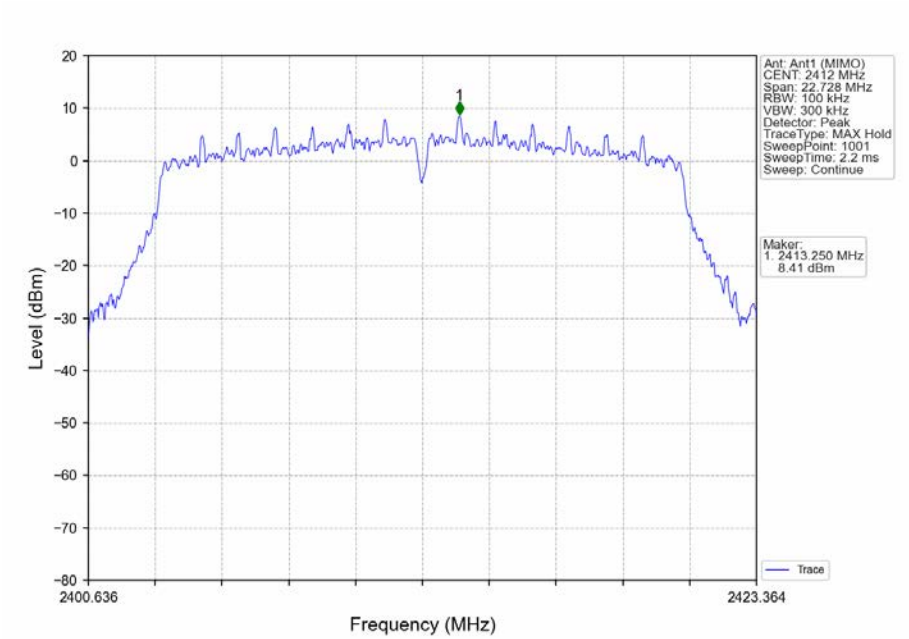
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



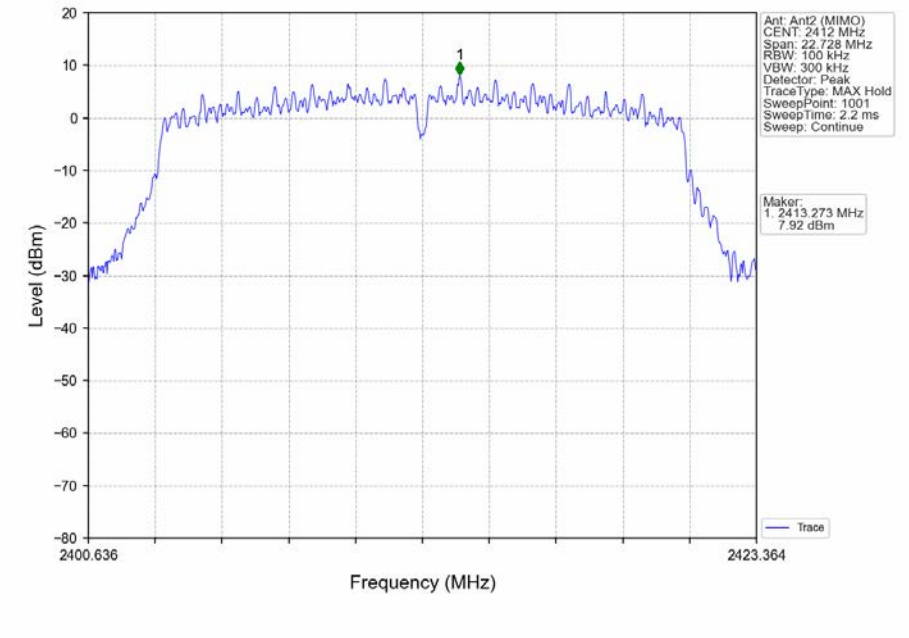
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



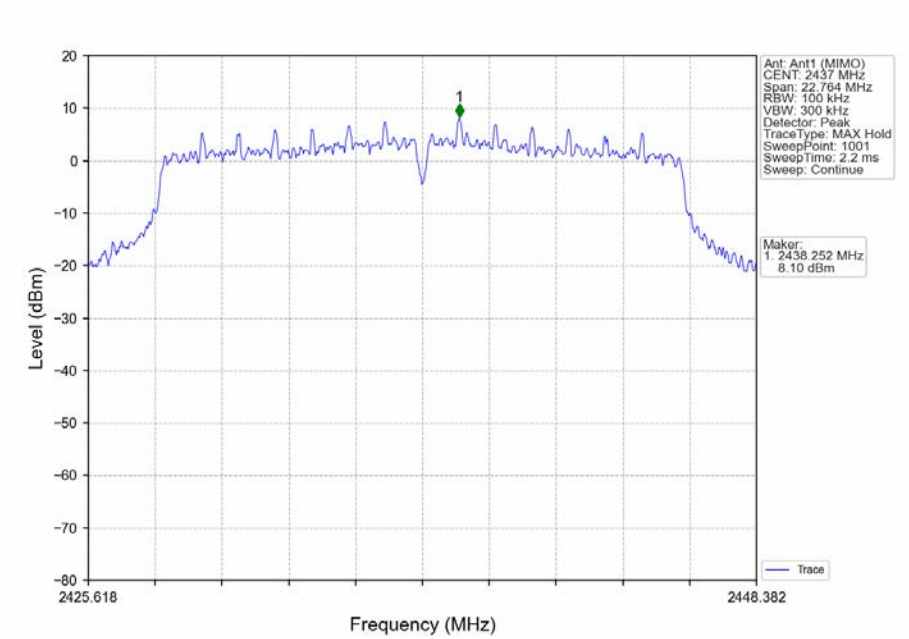
802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



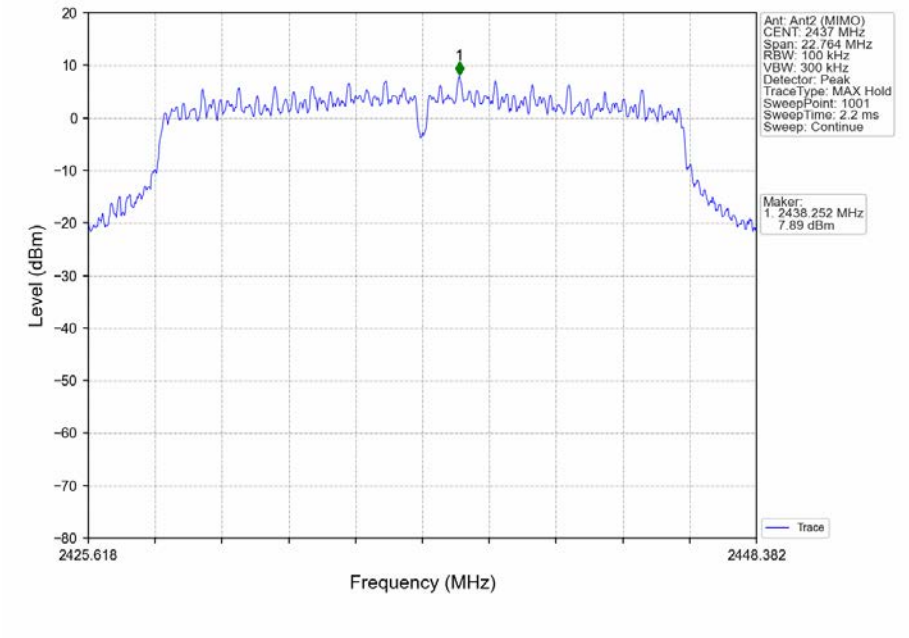
802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



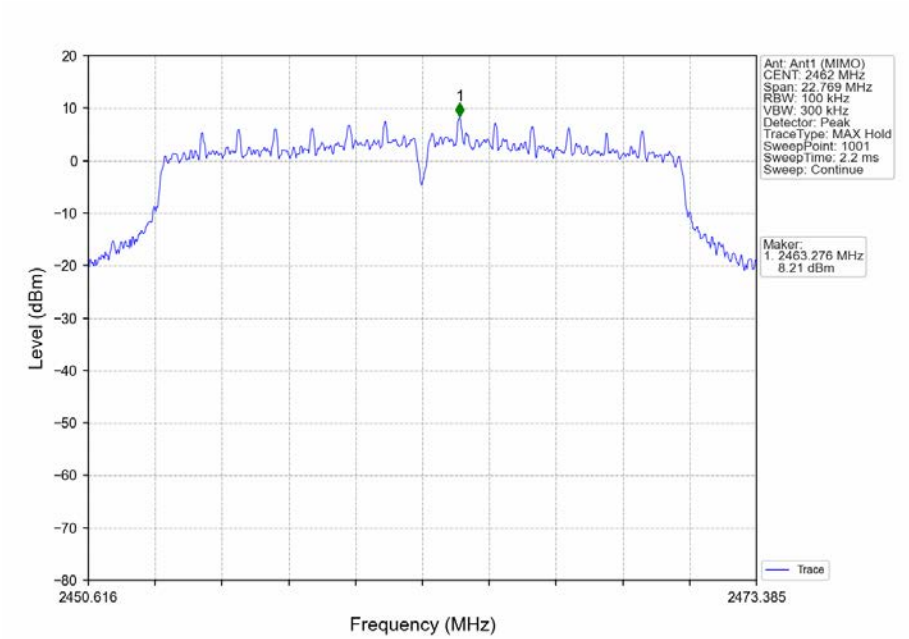
802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV



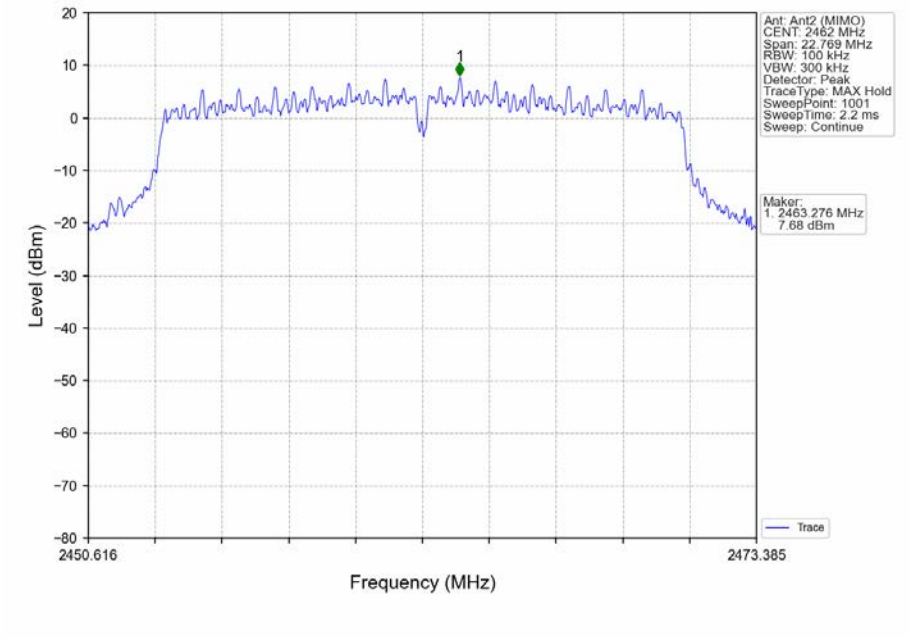
802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



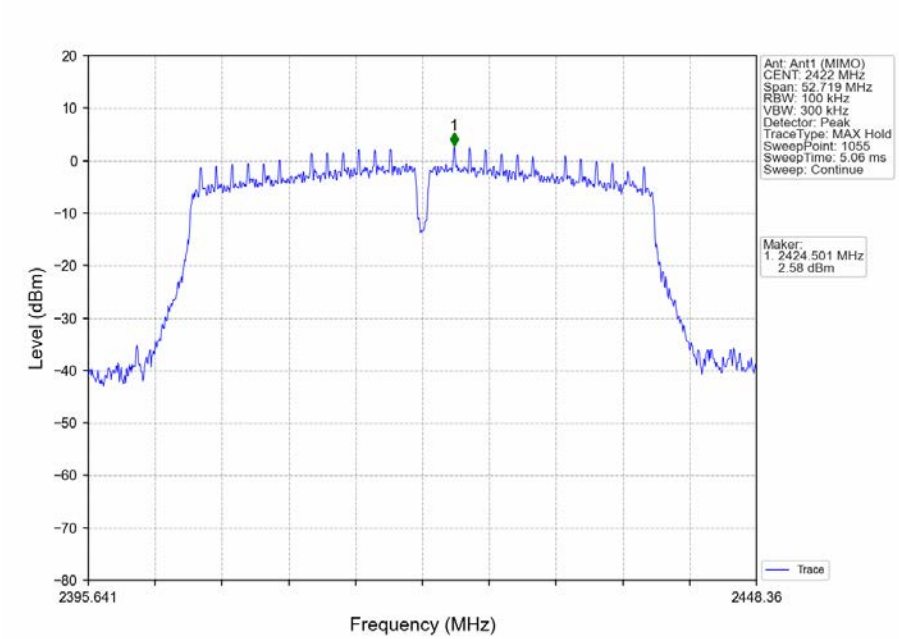
802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



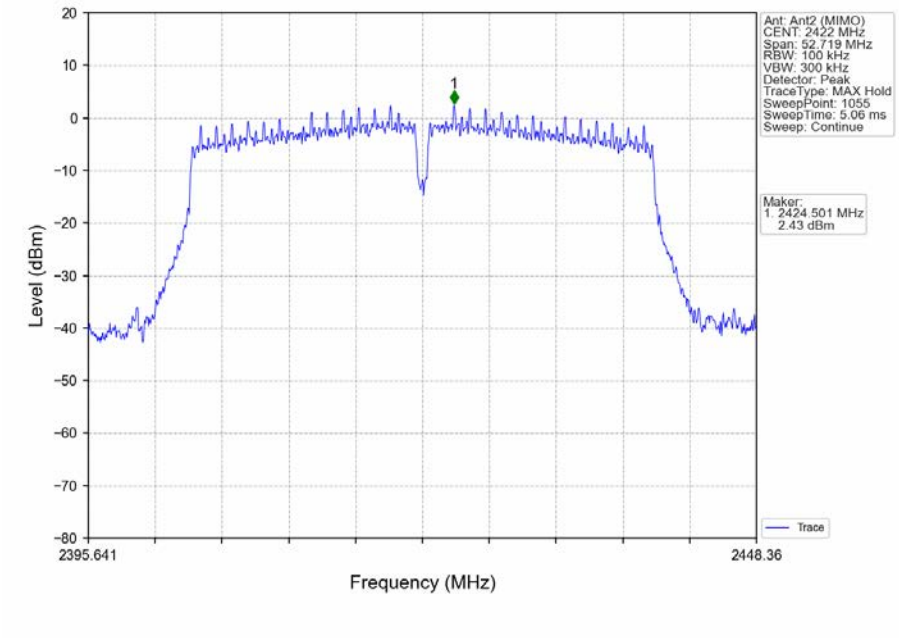
802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



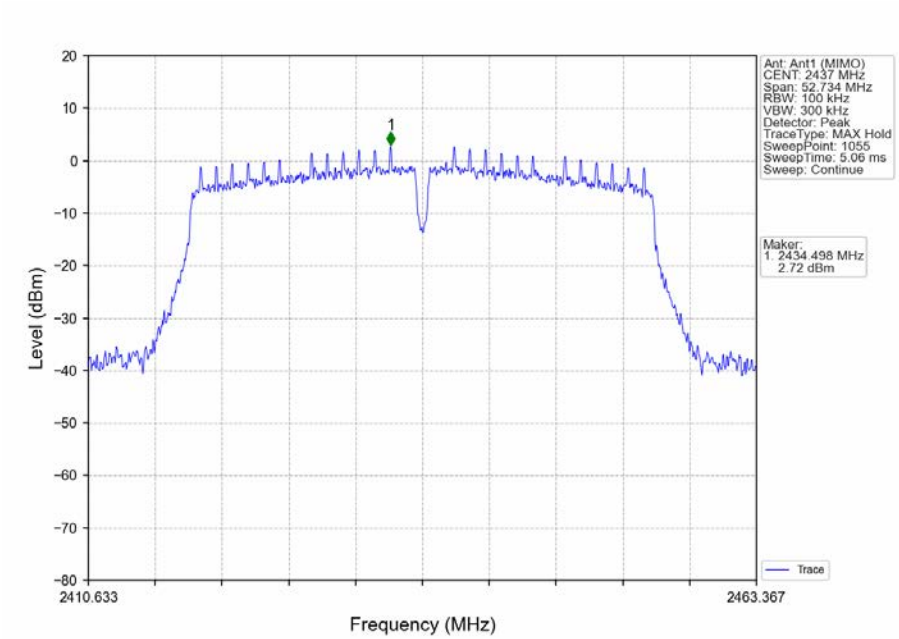
802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



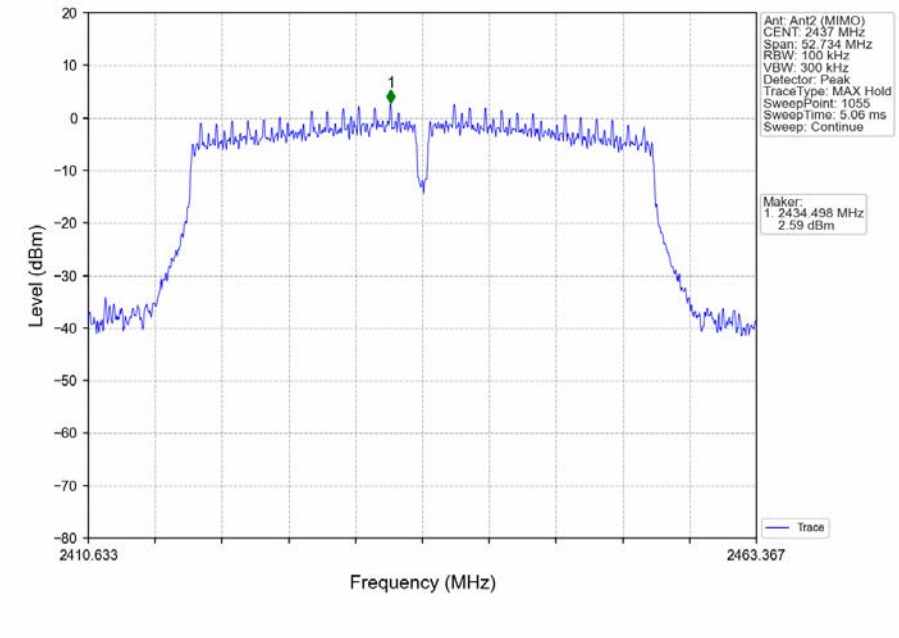
802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV



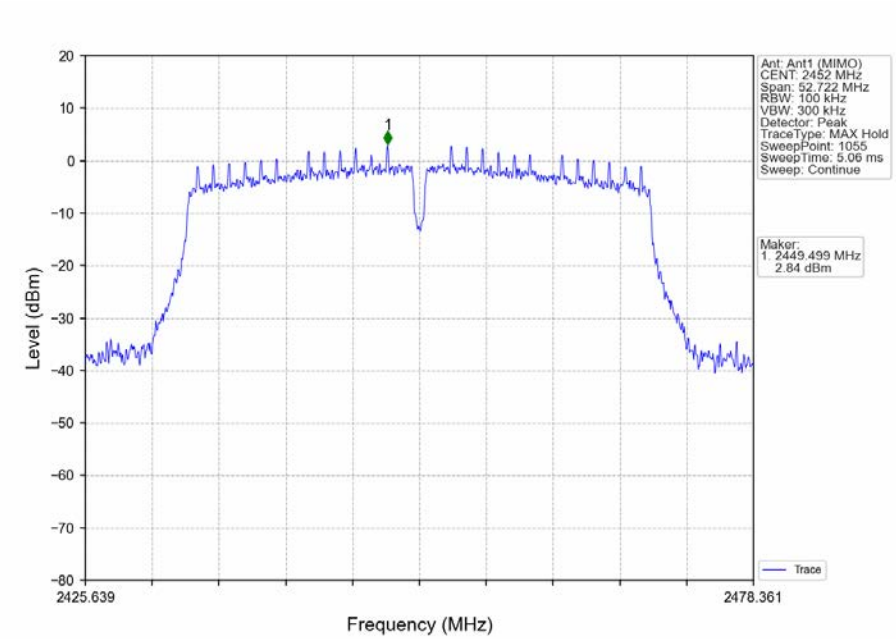
802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



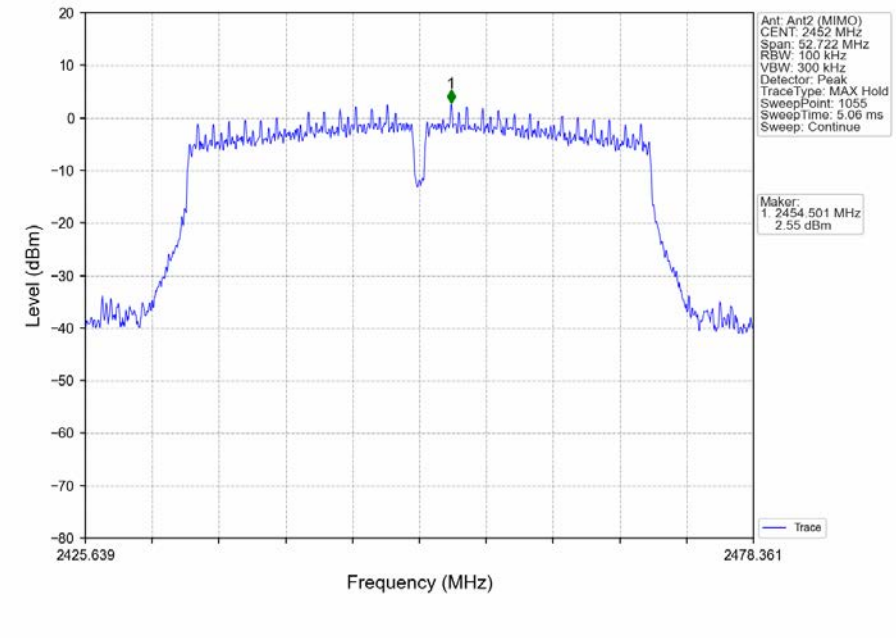
802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV



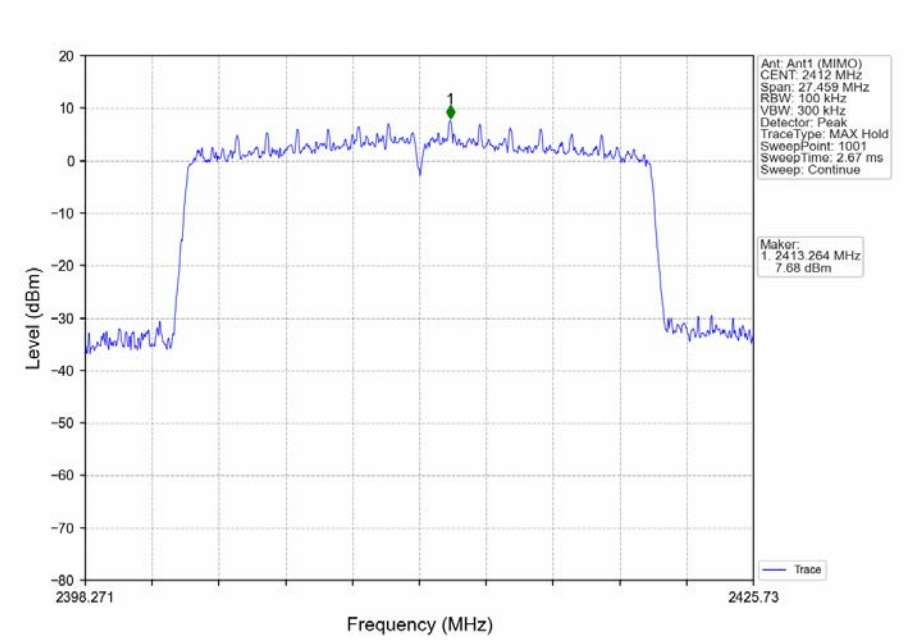
802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV



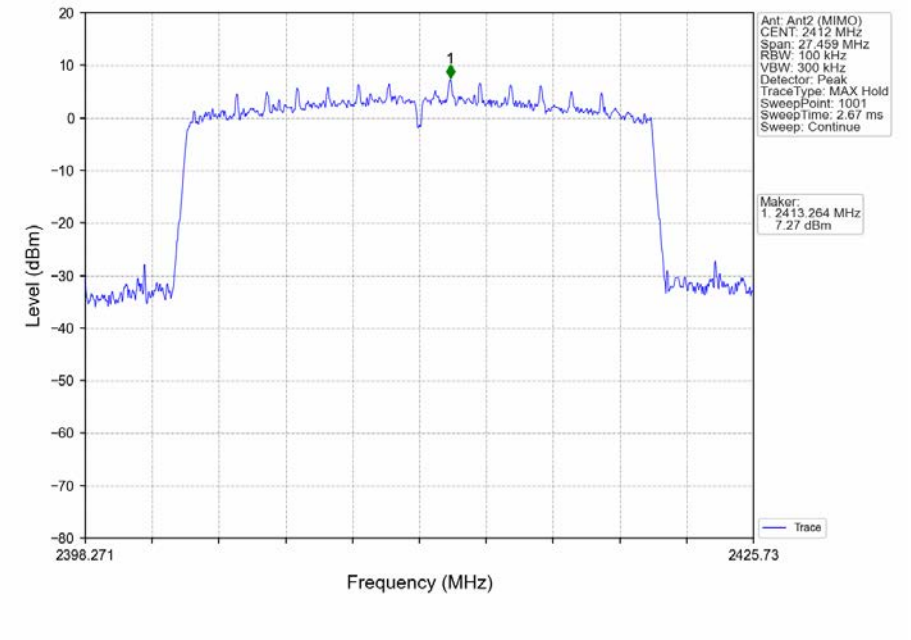
802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



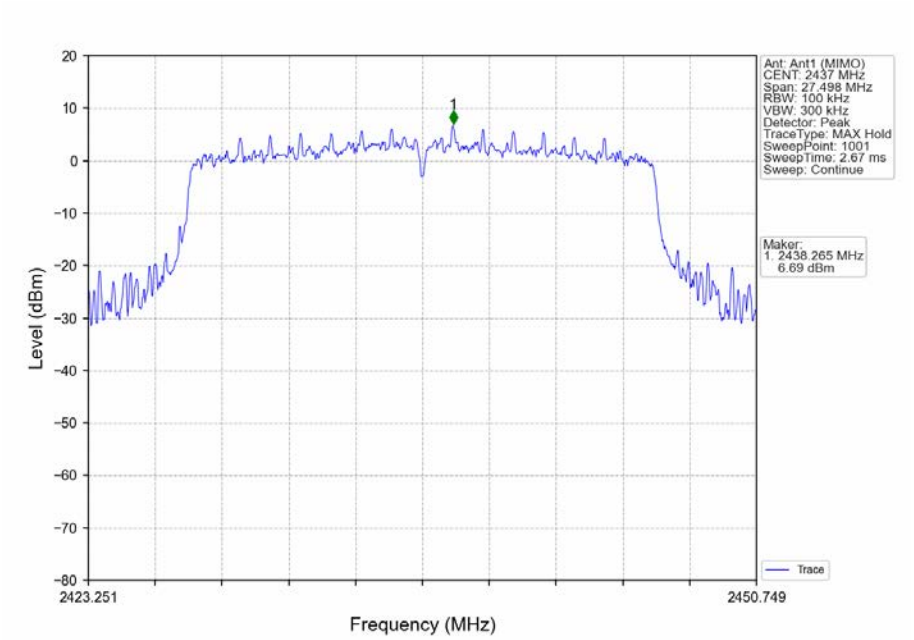
802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant1 (MIMO)_NTNV



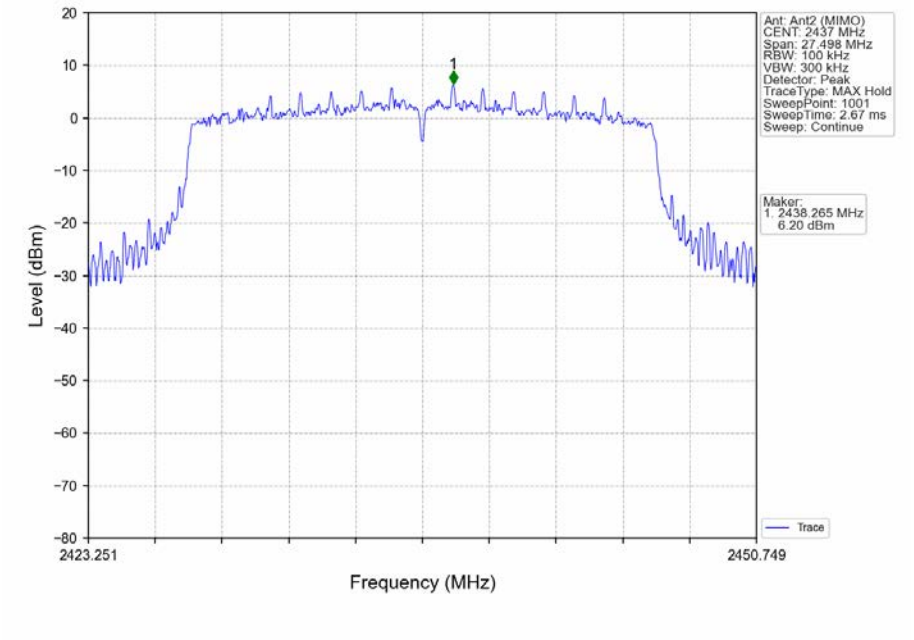
802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant2 (MIMO)_NTNV



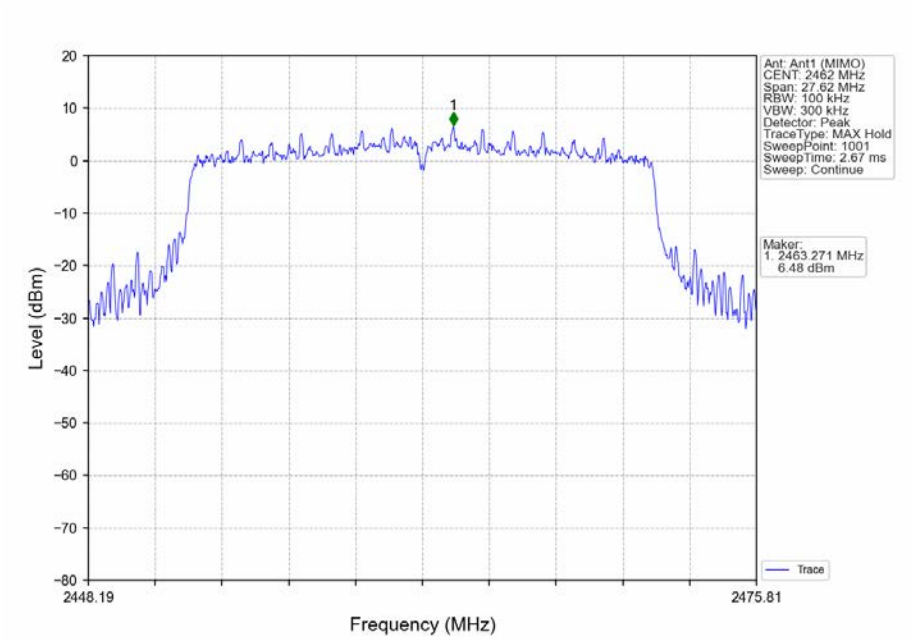
802.11ax(HEW20)_MCH_2437MHz_RU242_Left_Ant1 (MIMO)_NTNV



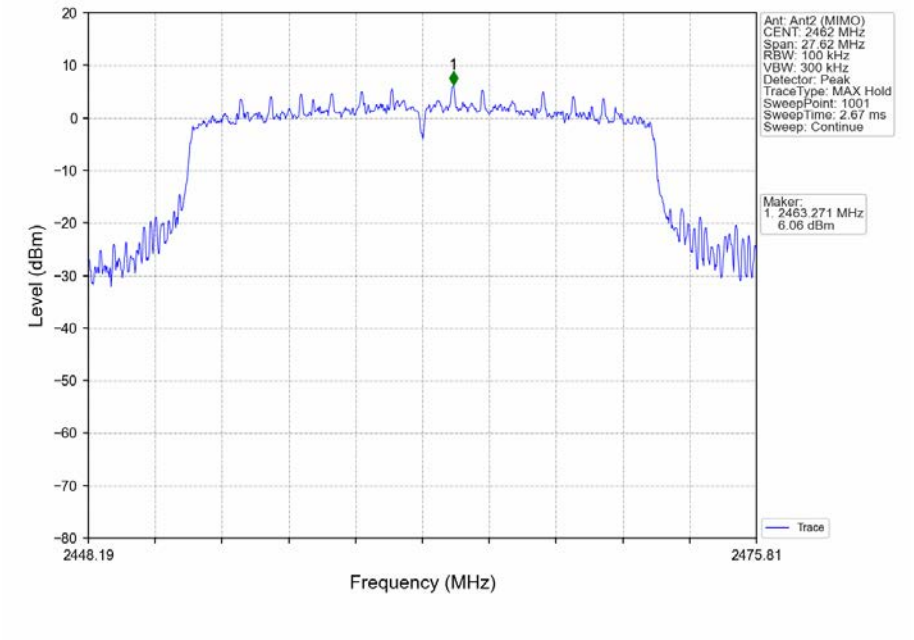
802.11ax(HEW20)_MCH_2437MHz_RU242_Left_Ant2 (MIMO)_NTNV



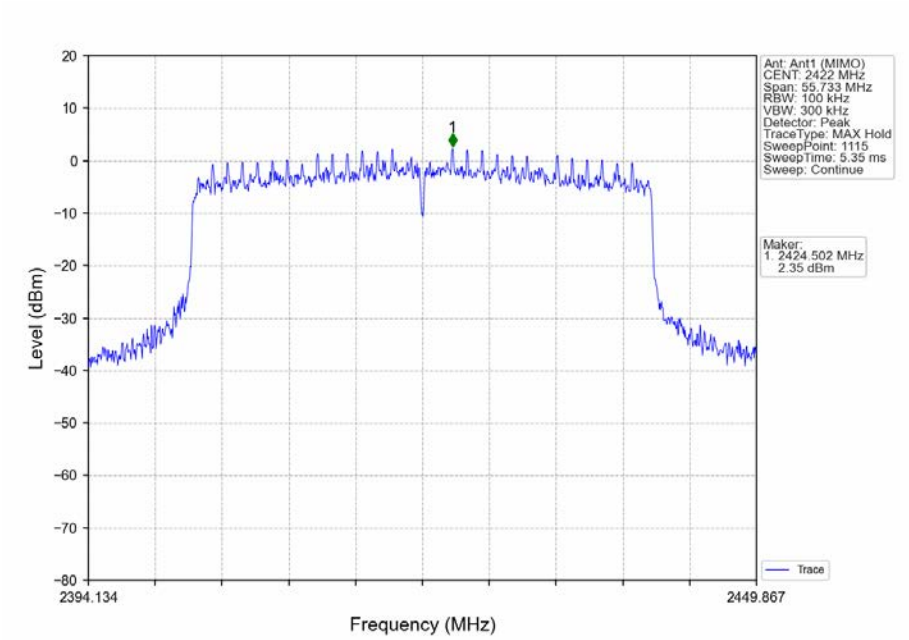
802.11ax(HEW20)_HCH_2462MHz_RU242_Left_Ant1 (MIMO)_NTNV



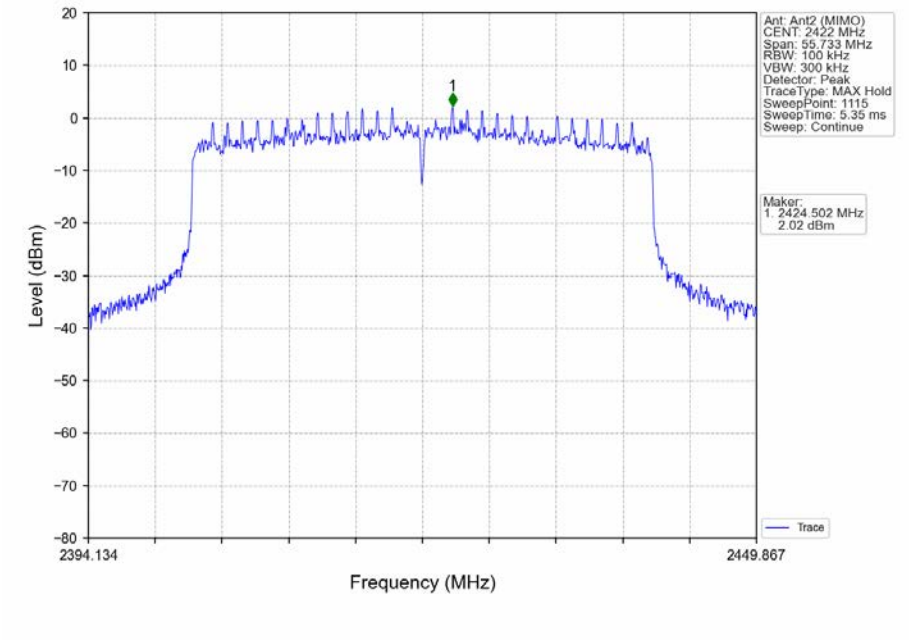
802.11ax(HEW20)_HCH_2462MHz_RU242_Left_Ant2 (MIMO)_NTNV



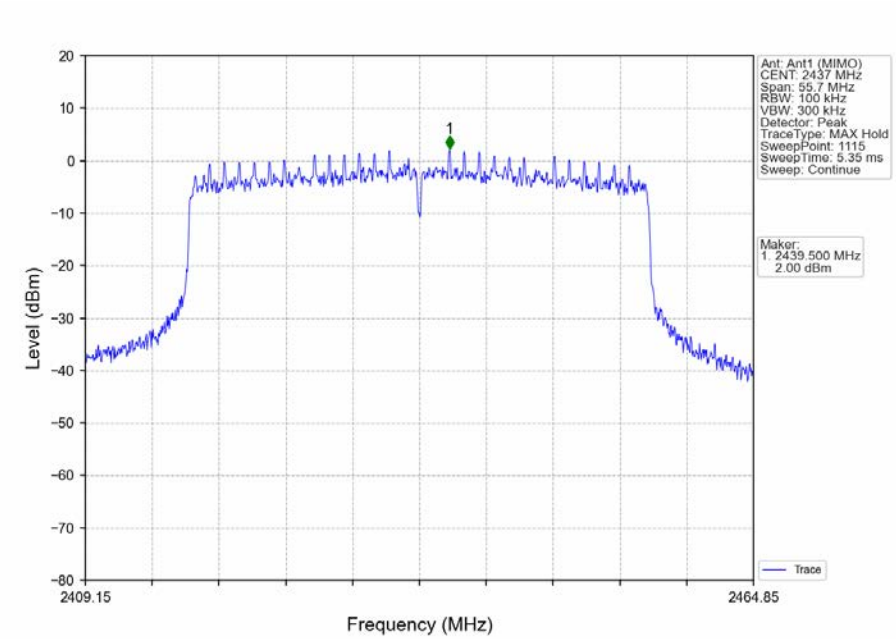
802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant1 (MIMO)_NTNV



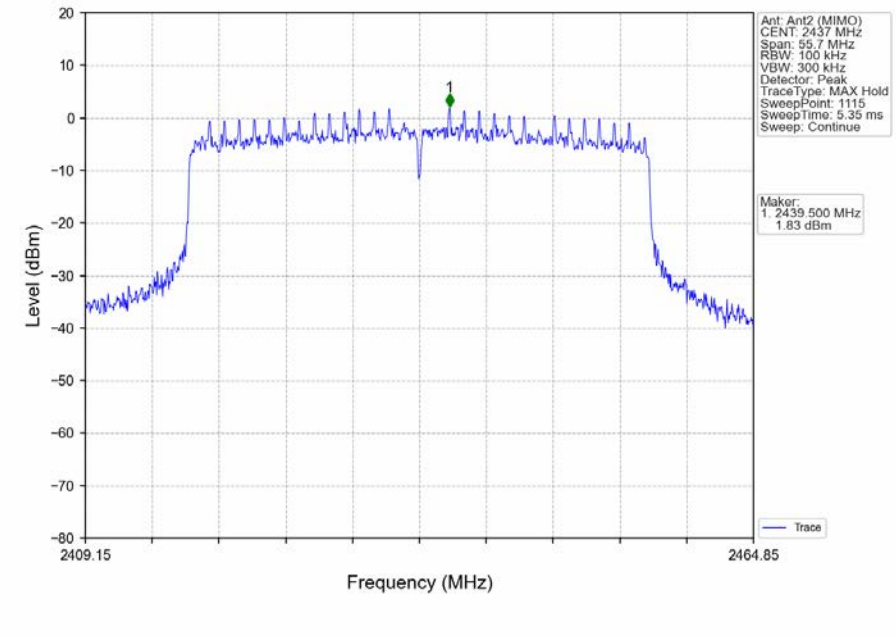
802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant2 (MIMO)_NTNV



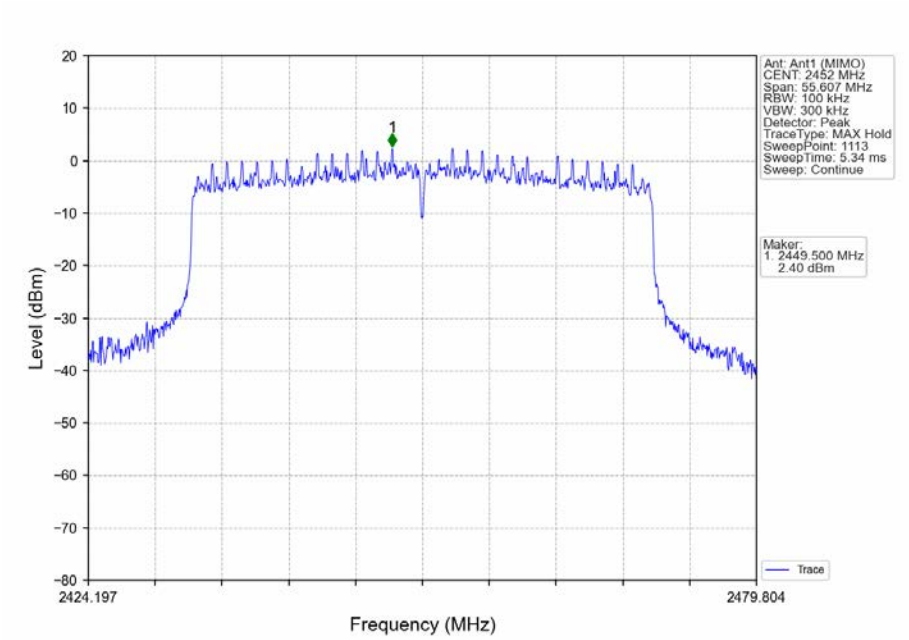
802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant1 (MIMO)_NTNV



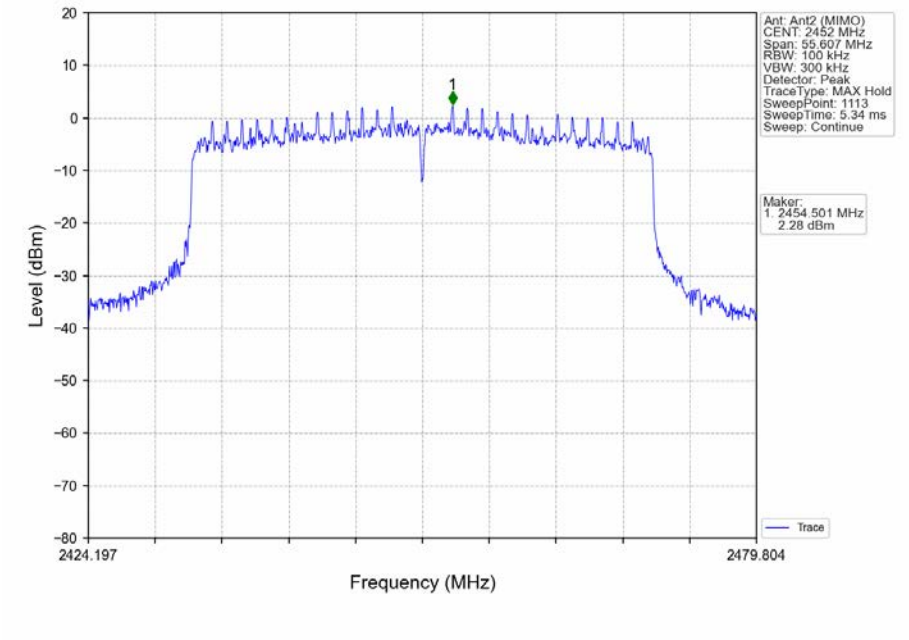
802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant2 (MIMO)_NTNV



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

		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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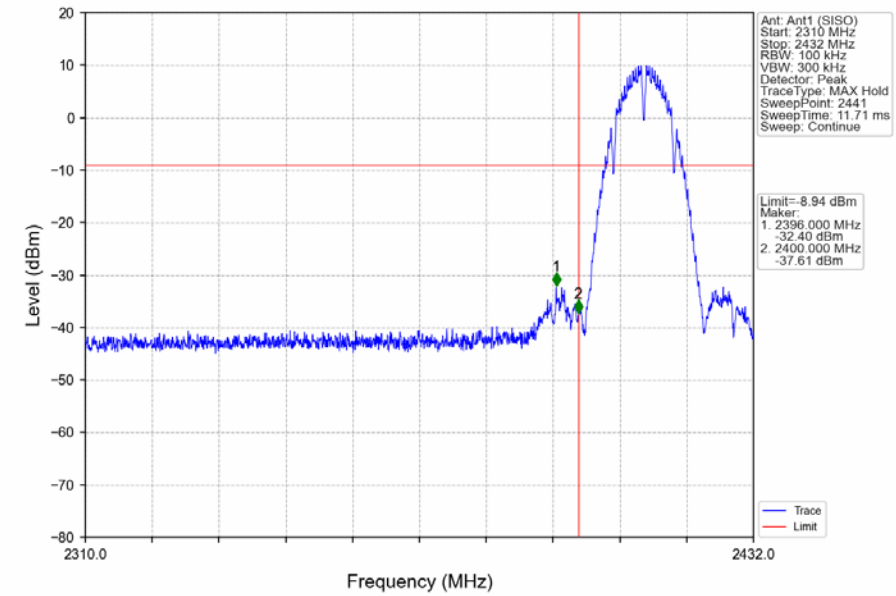
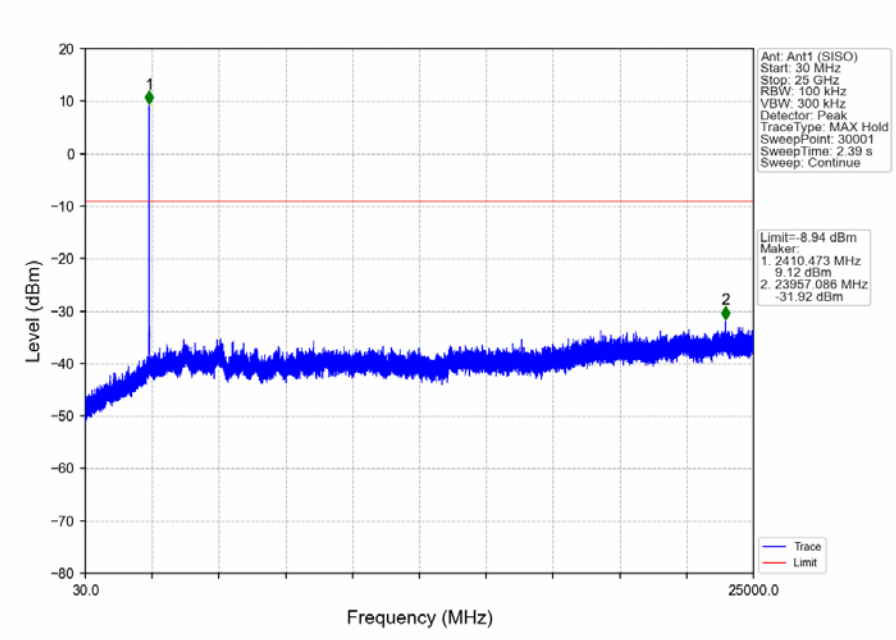
5.2.2 Test Graph

802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



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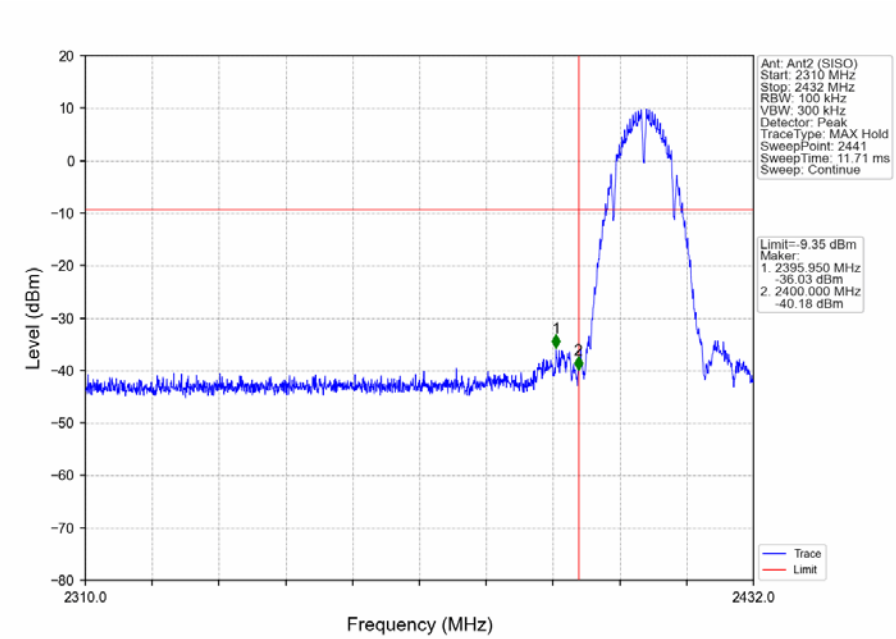
802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV