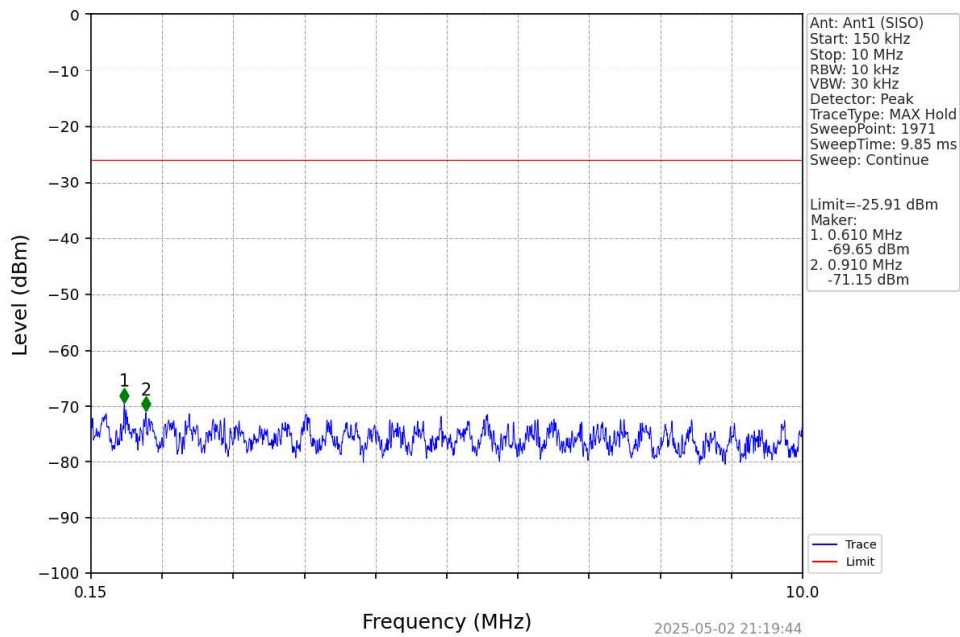
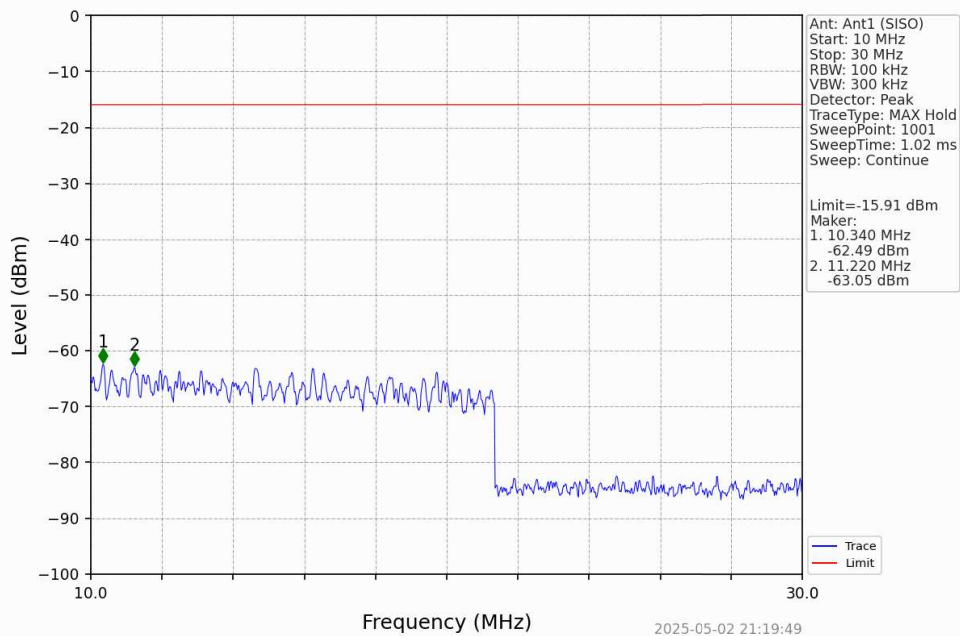


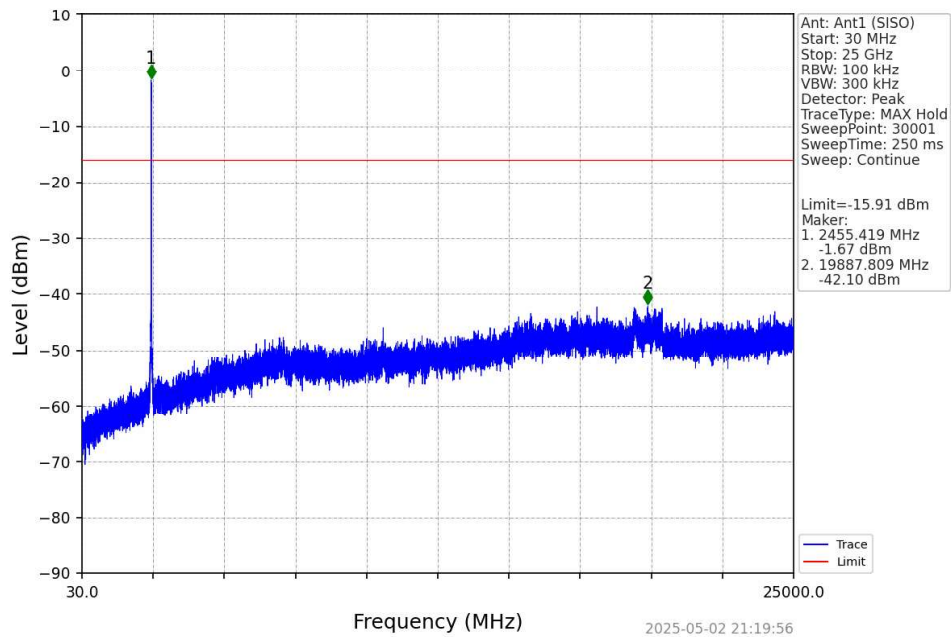
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



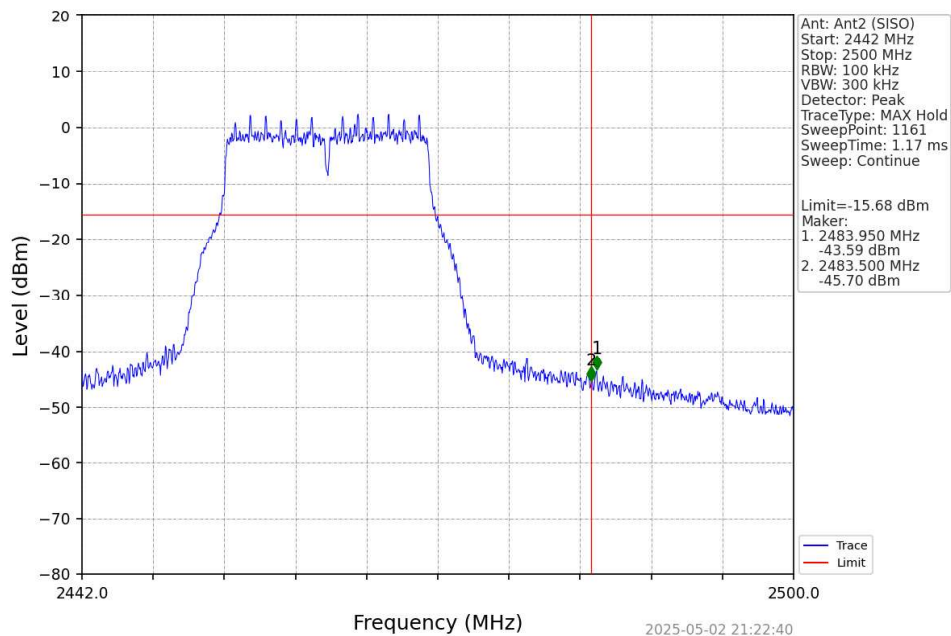
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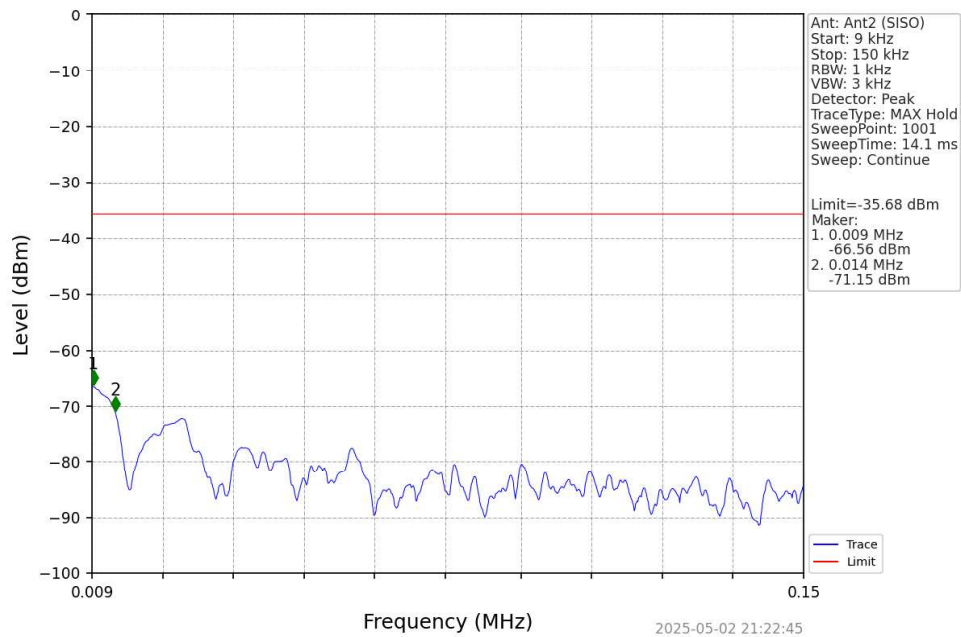
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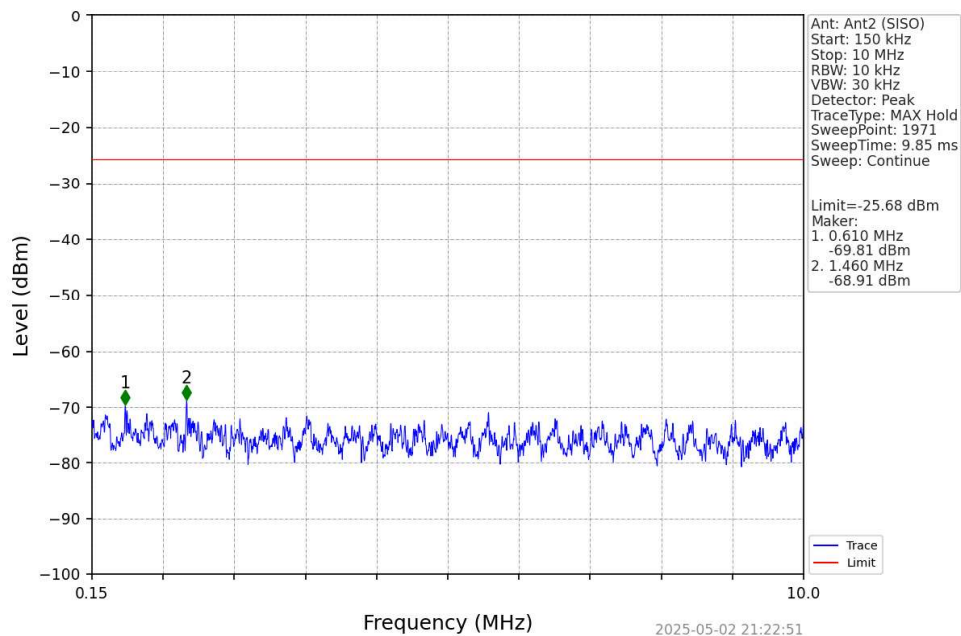
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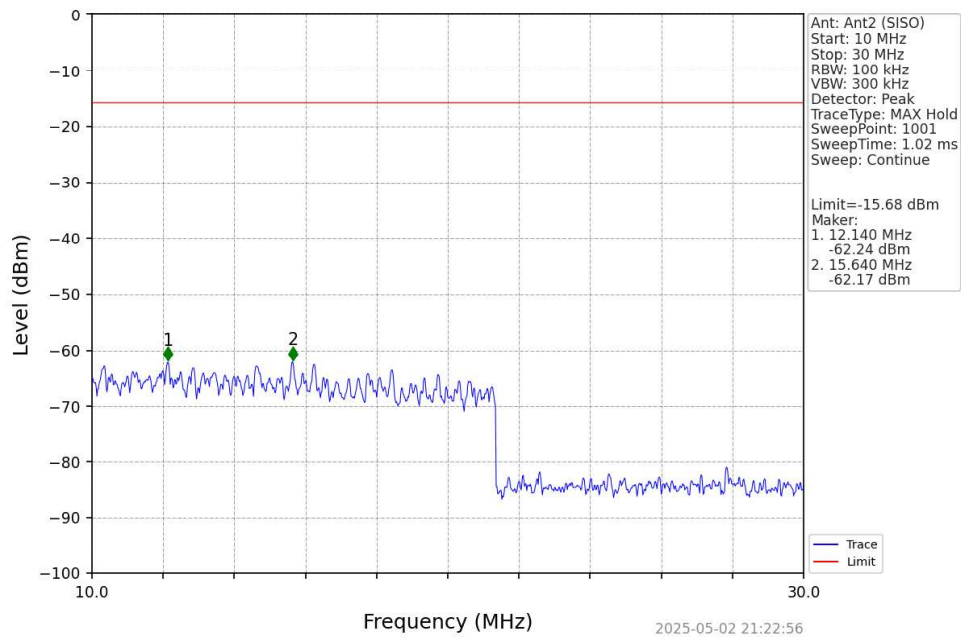
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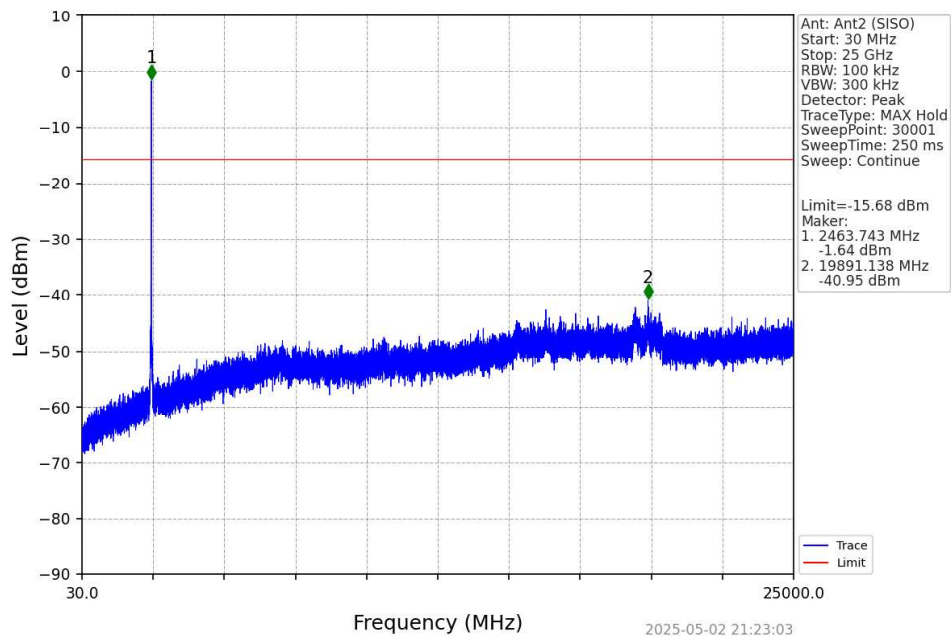
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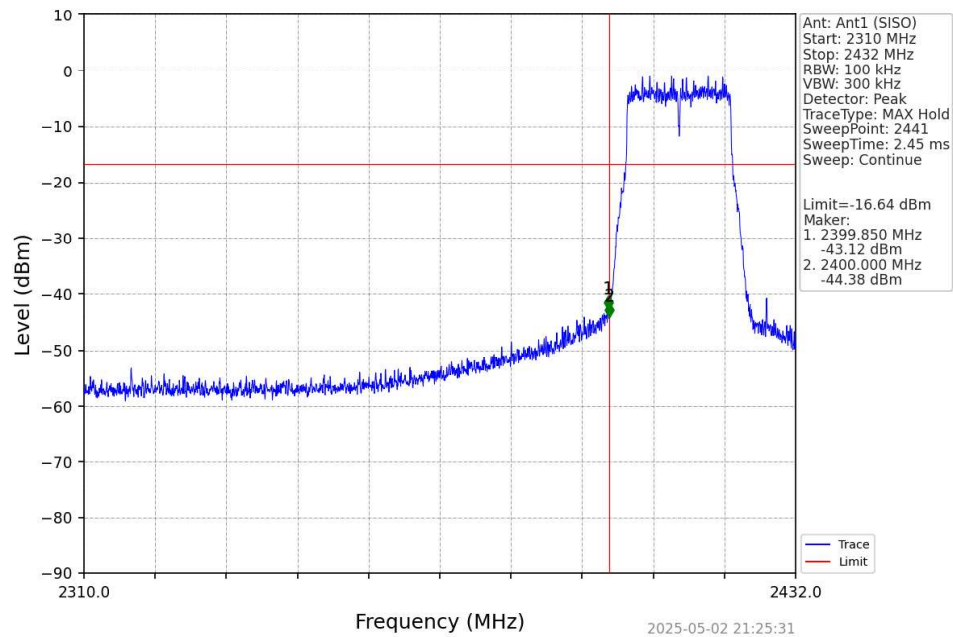
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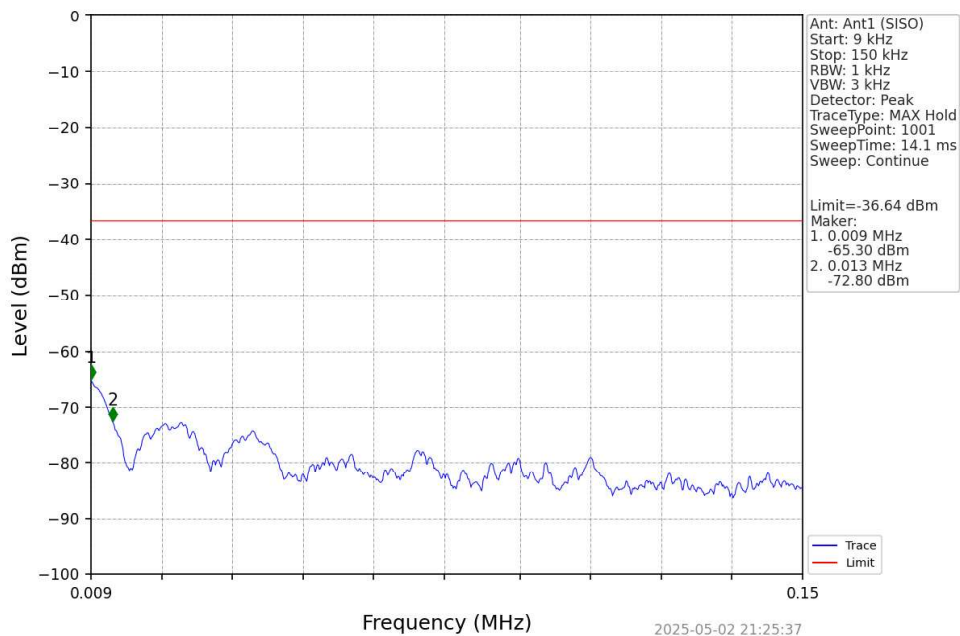
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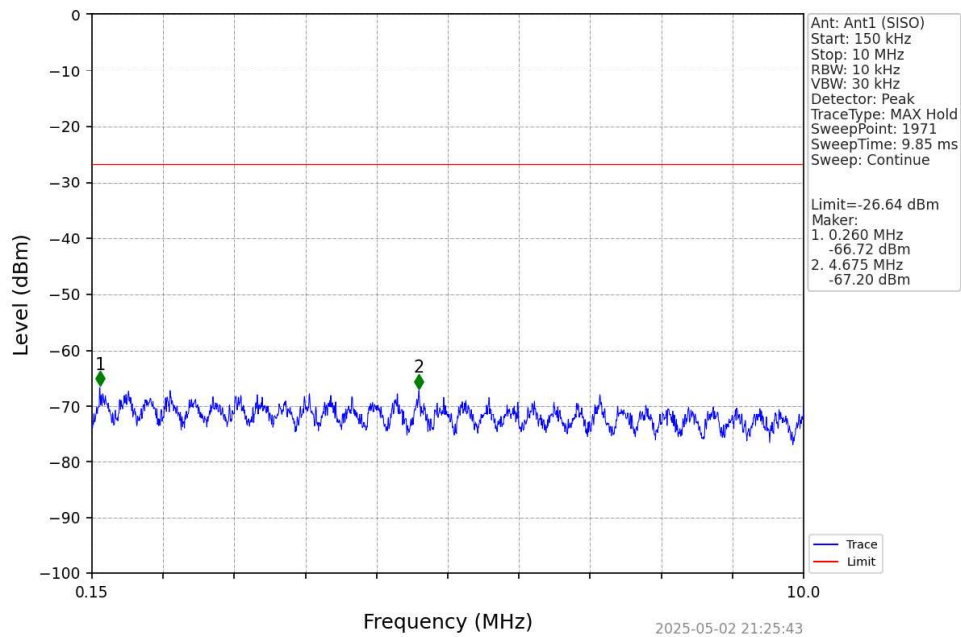
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



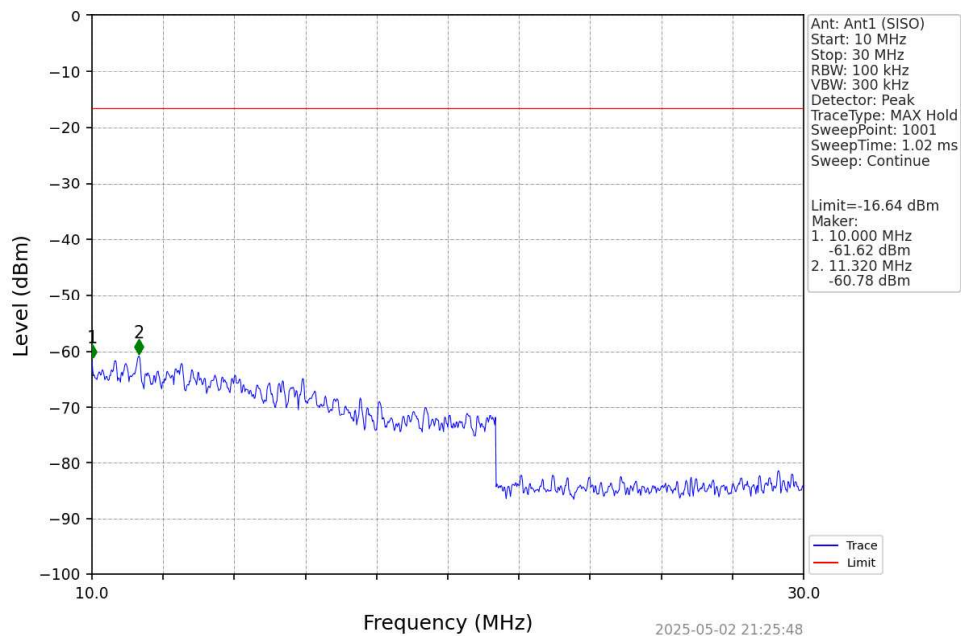
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



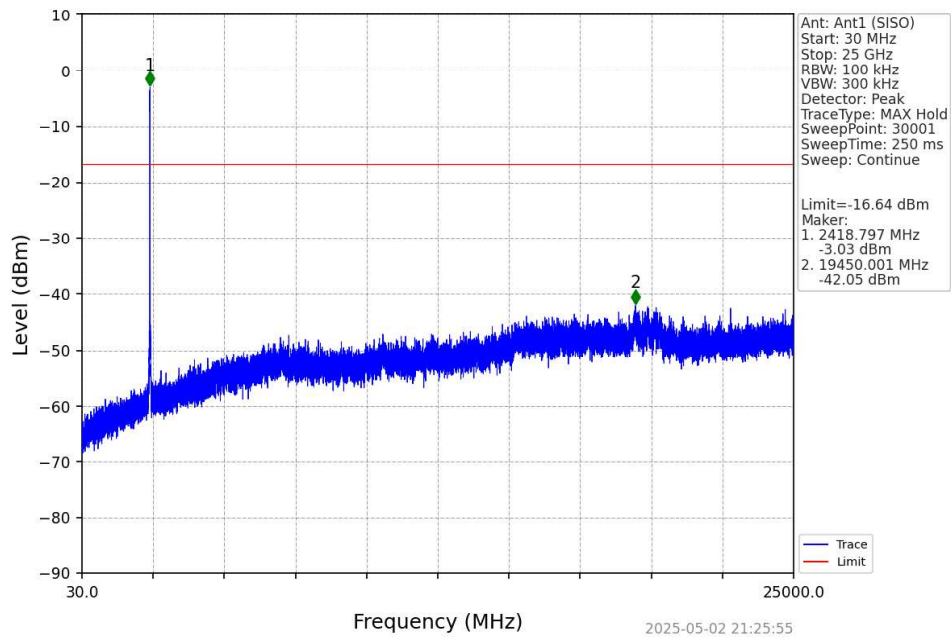
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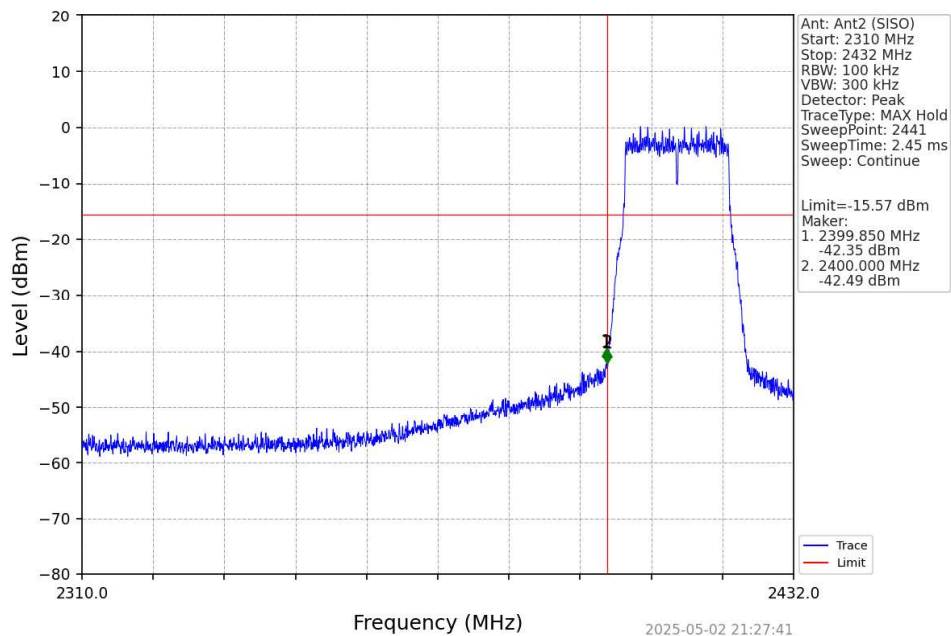
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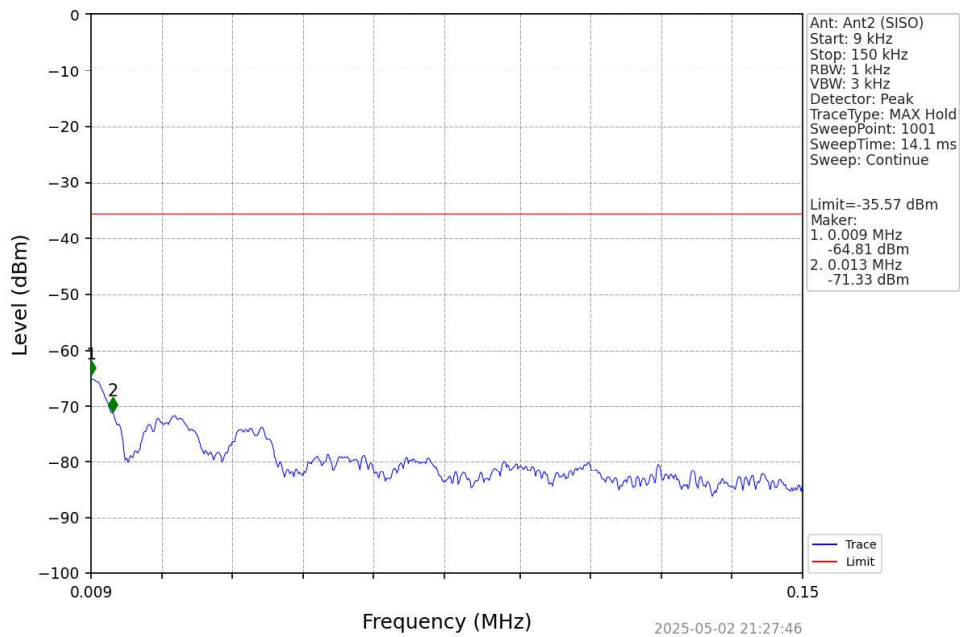
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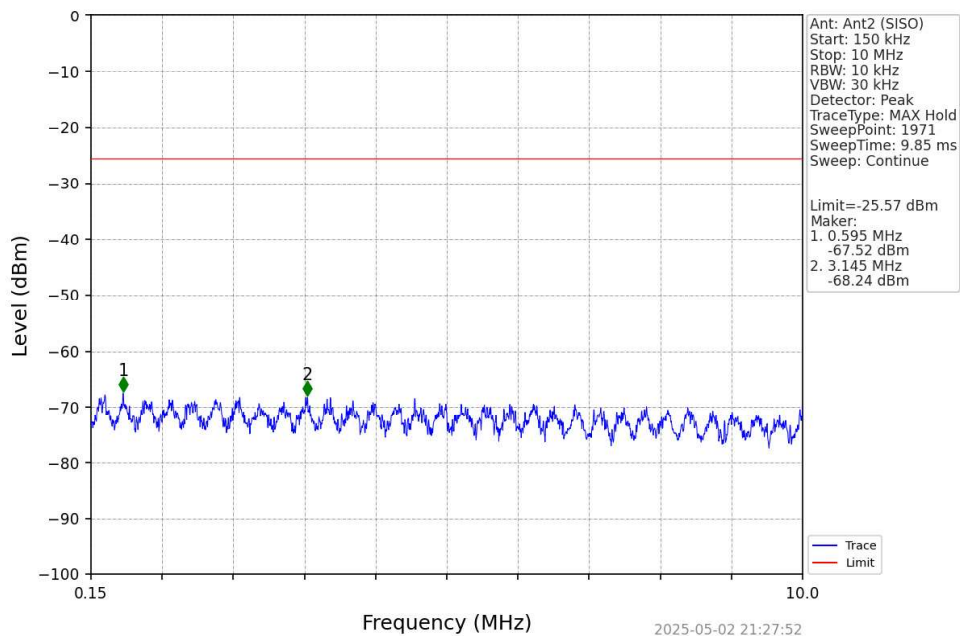
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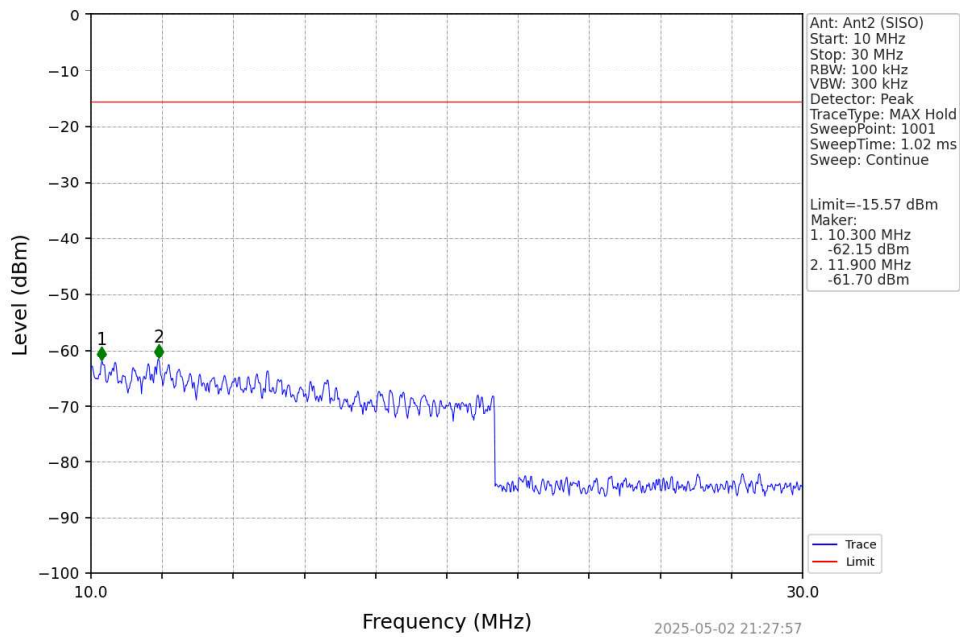
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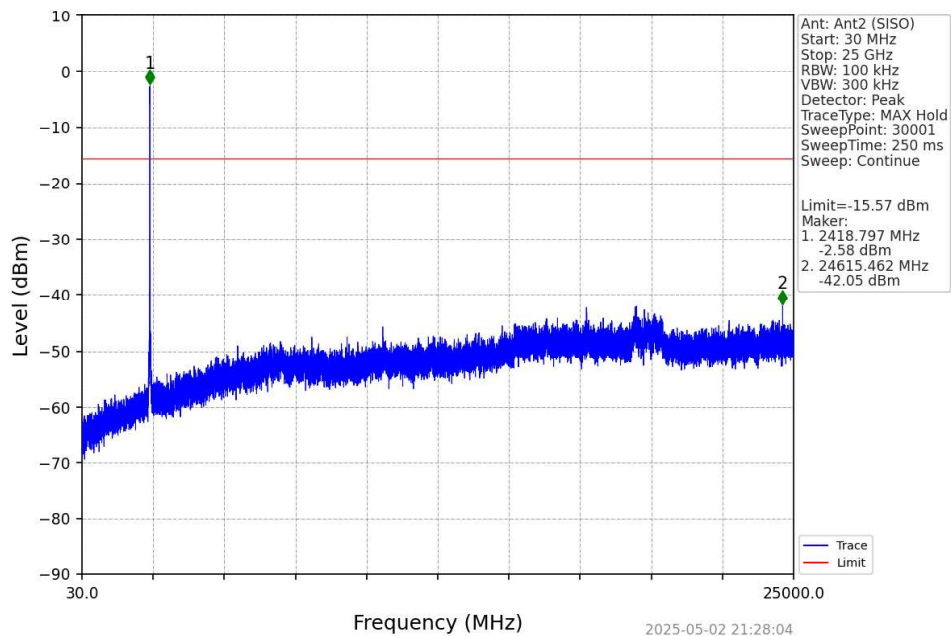
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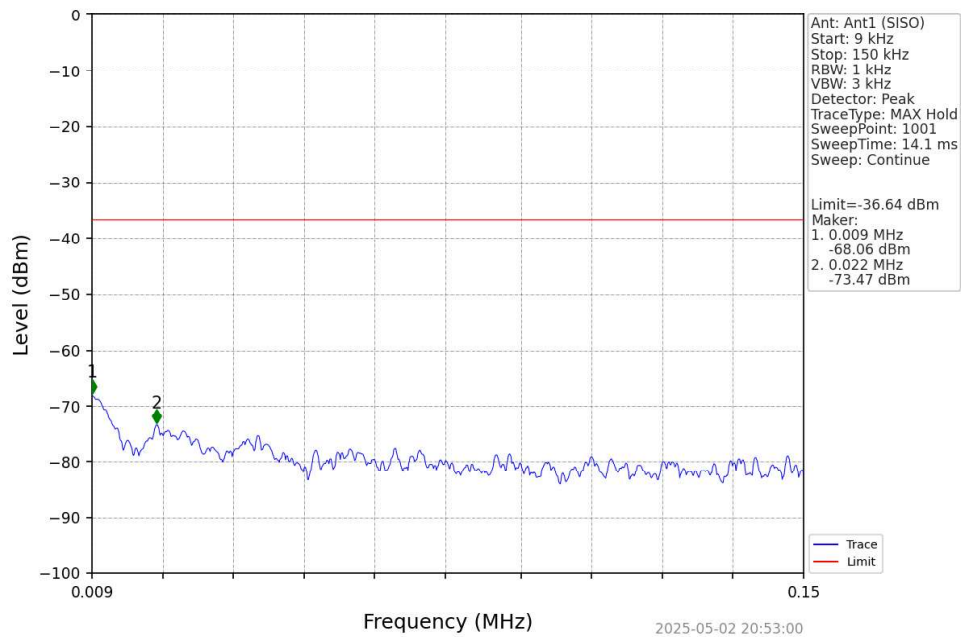
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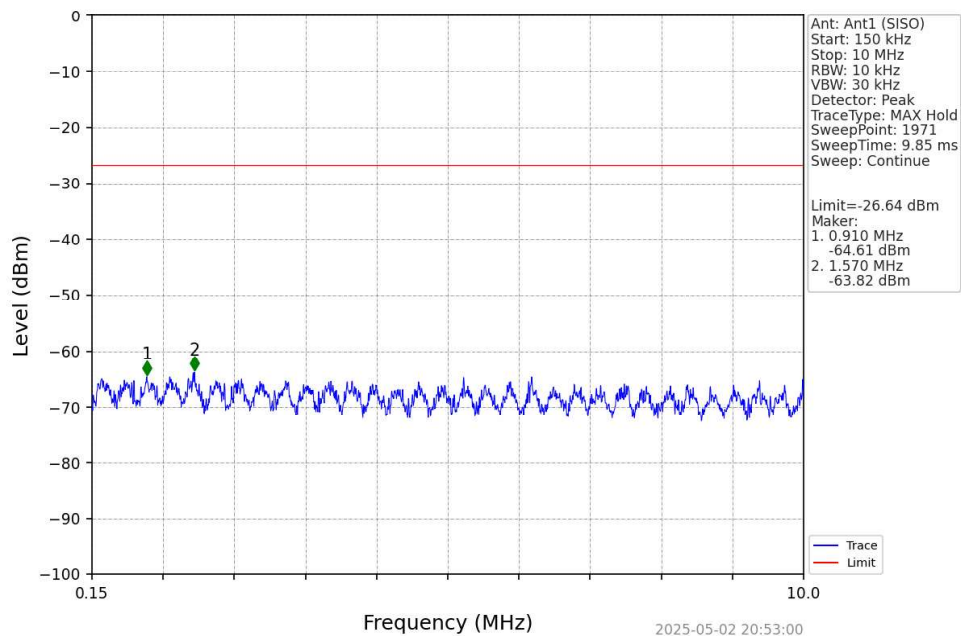
802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



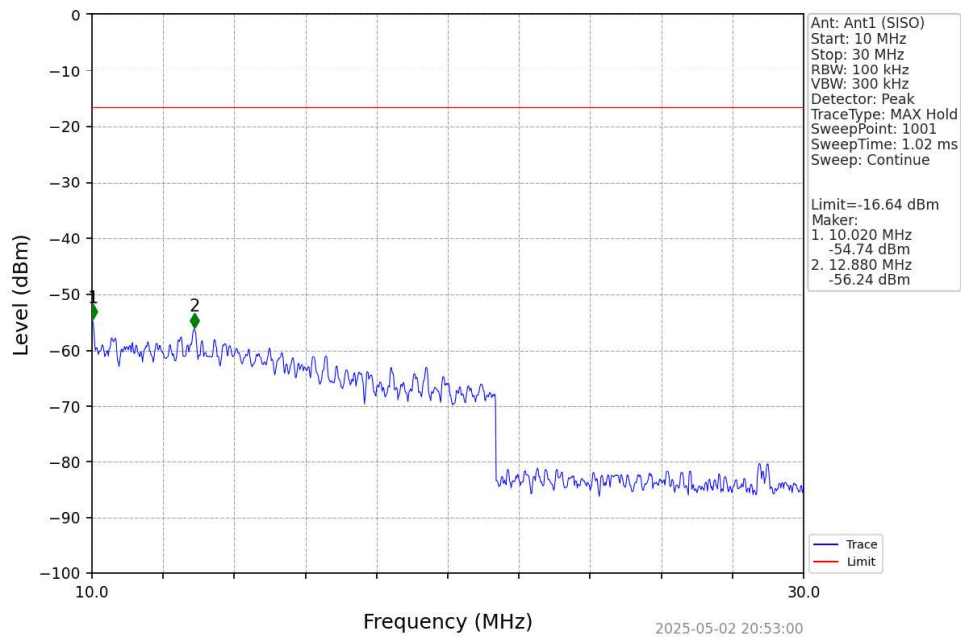
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



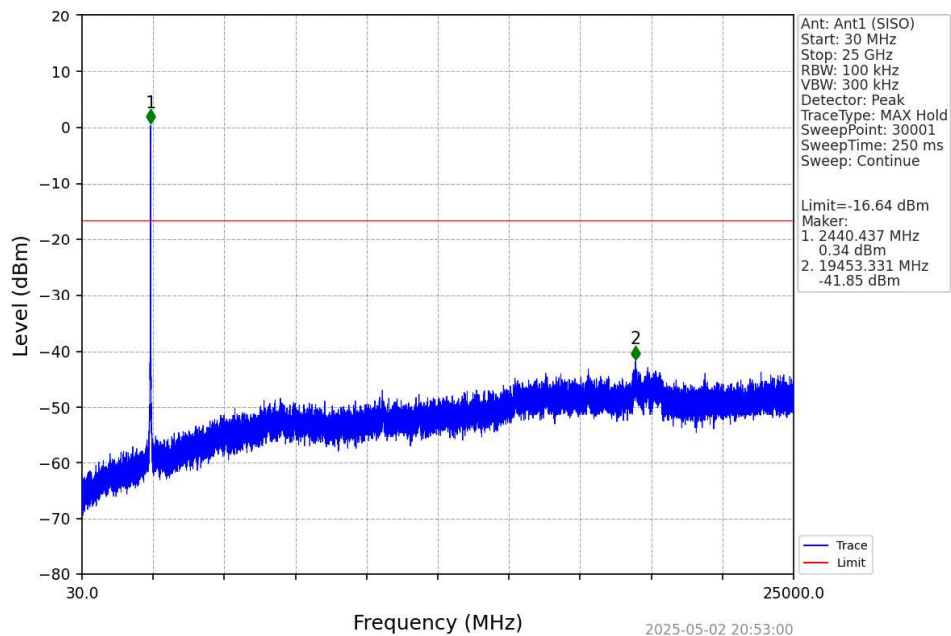
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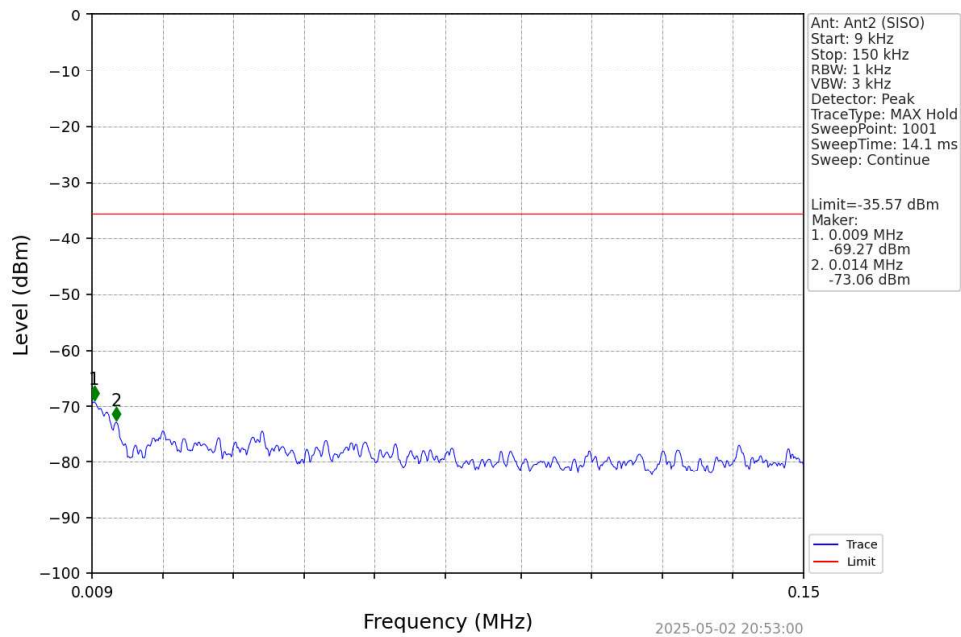
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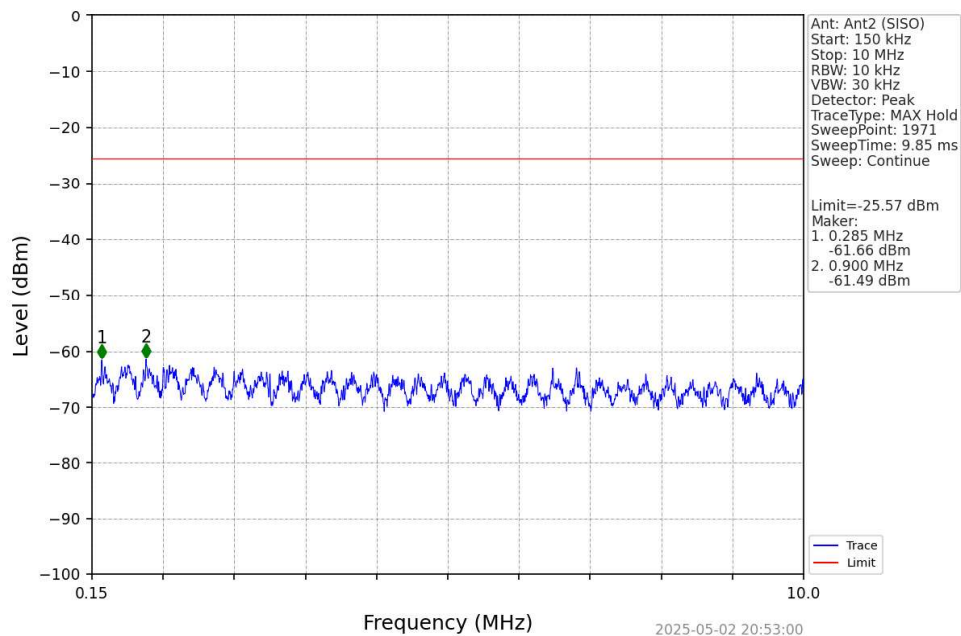
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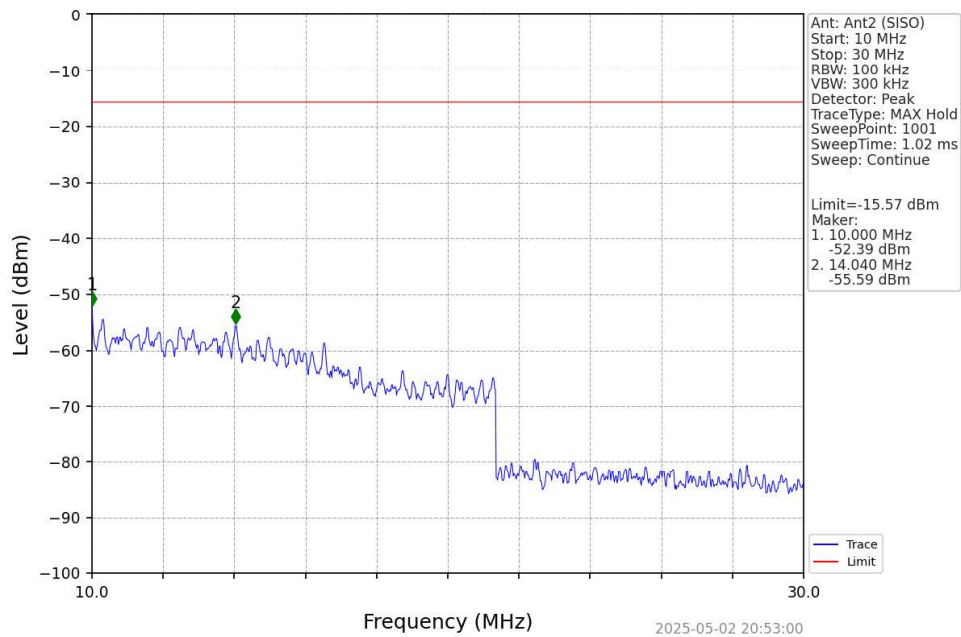
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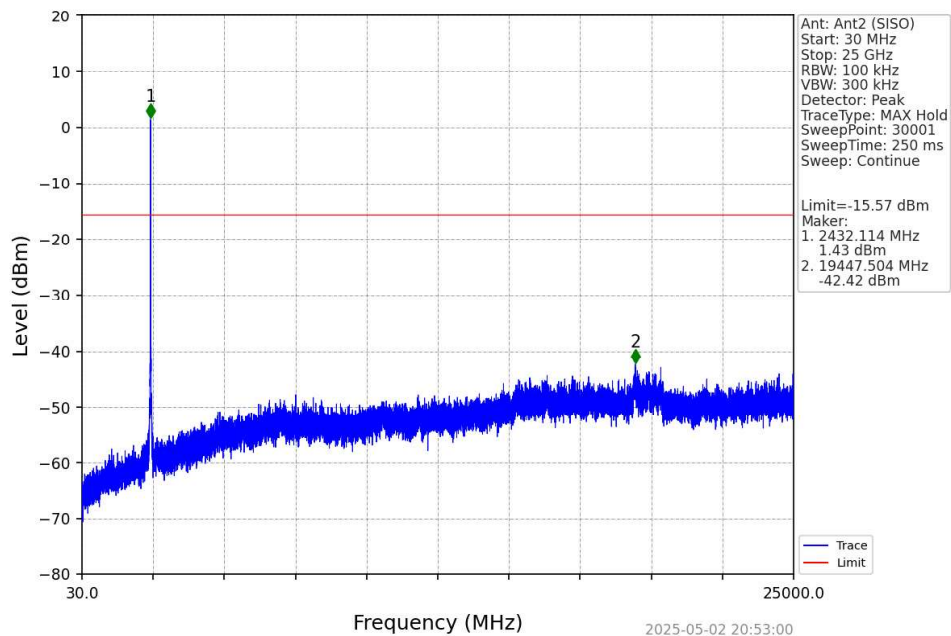
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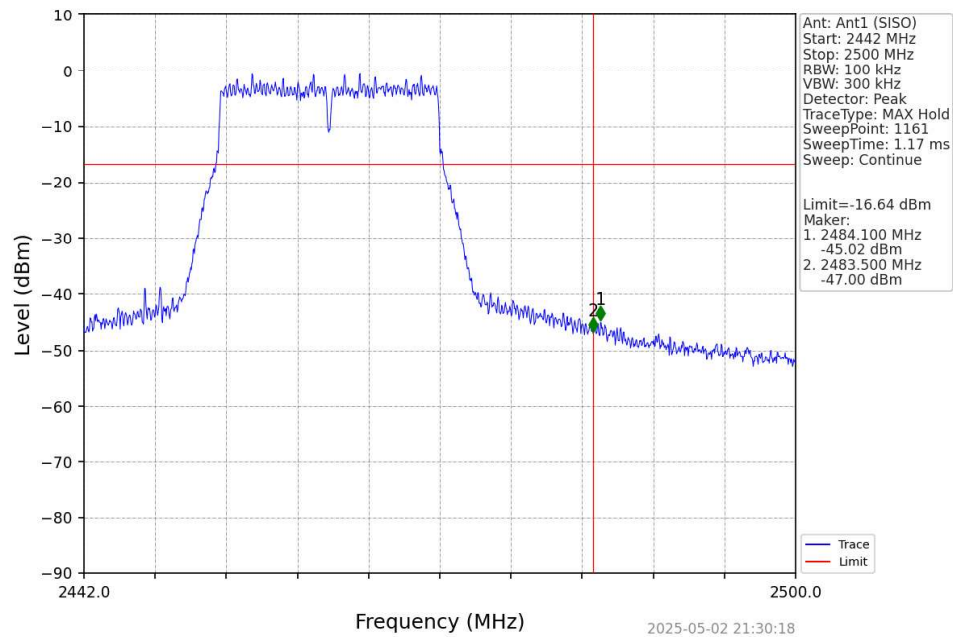
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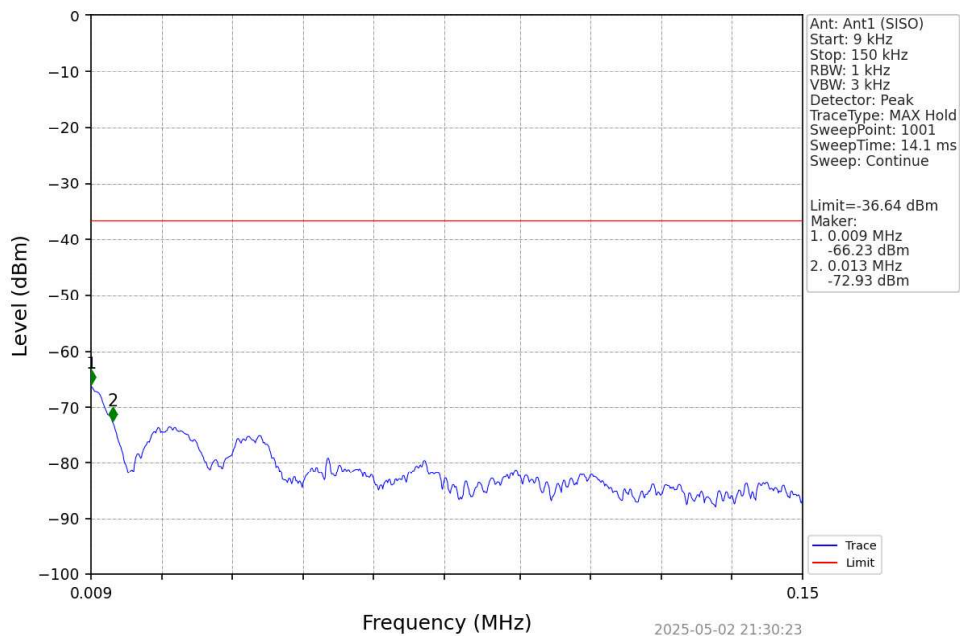
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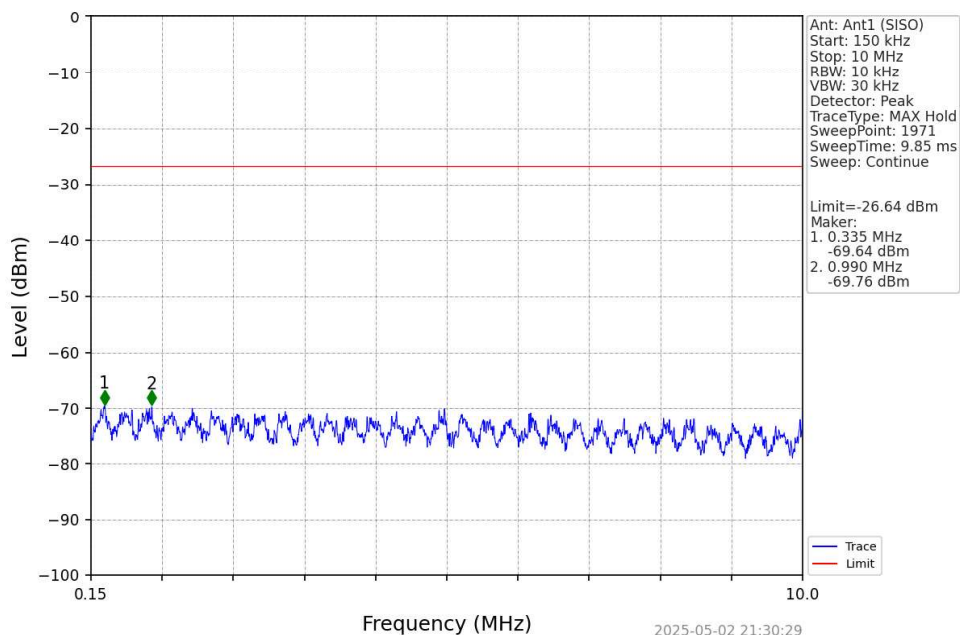
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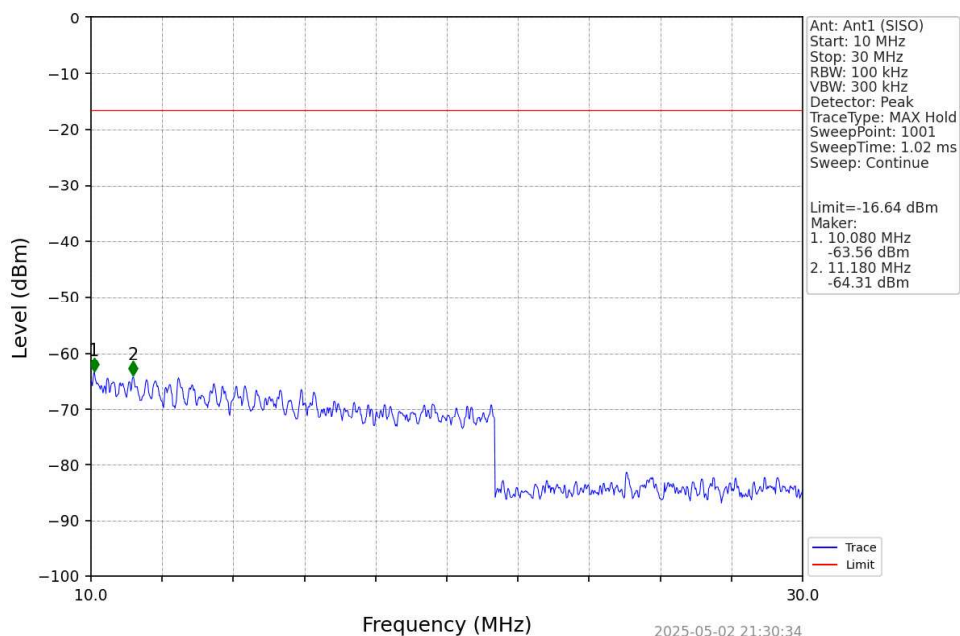
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



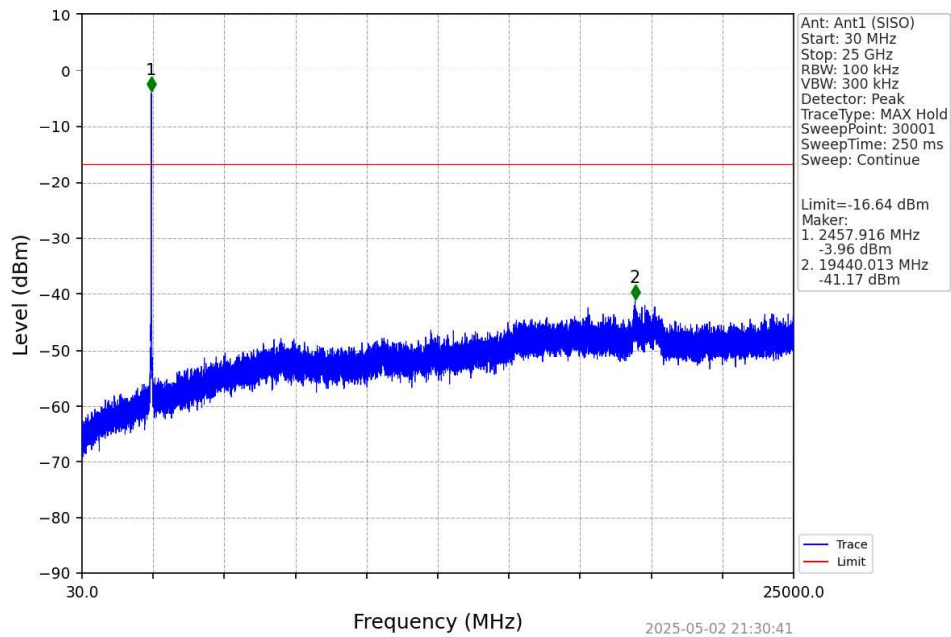
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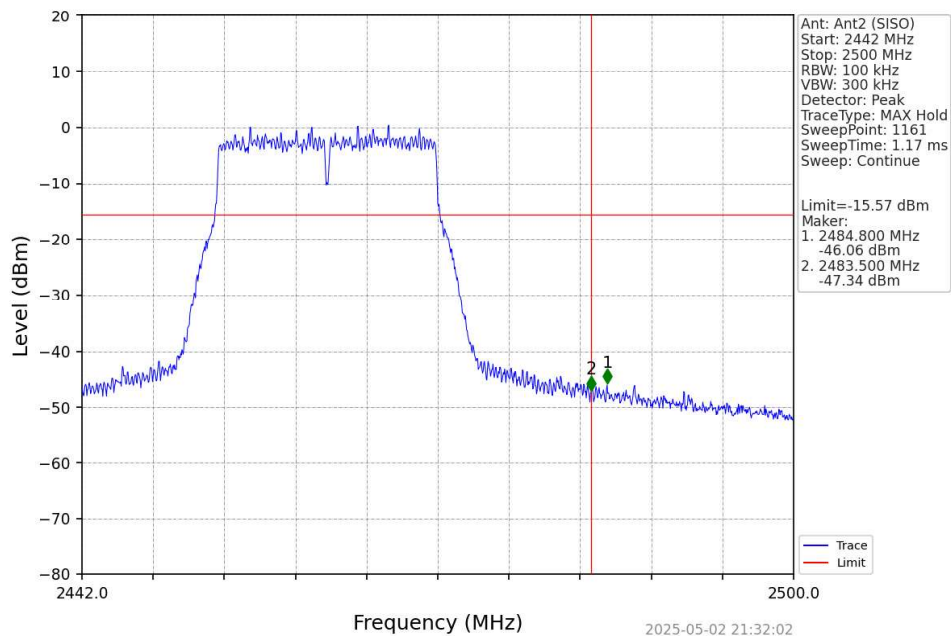
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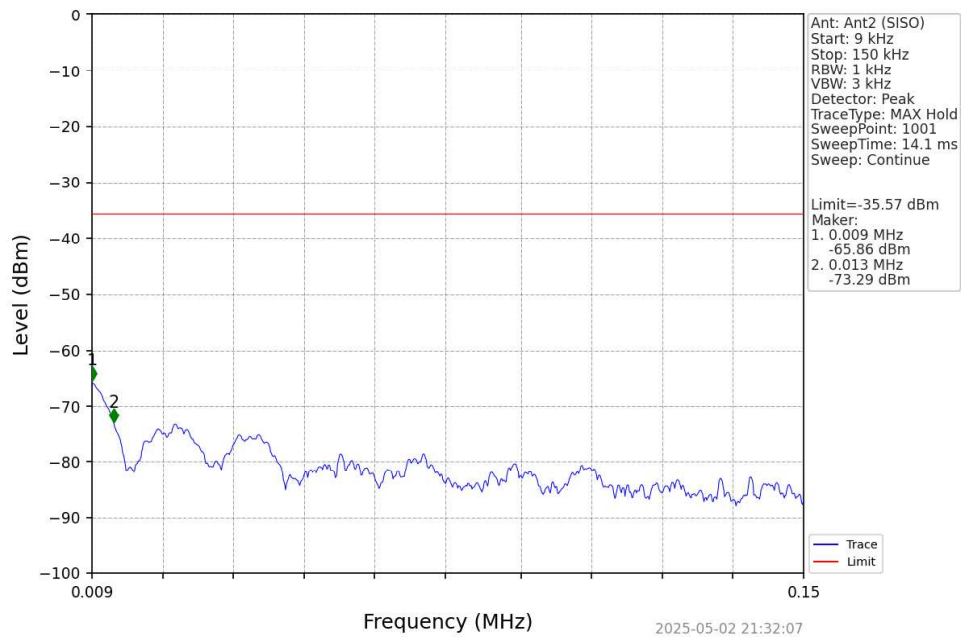
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



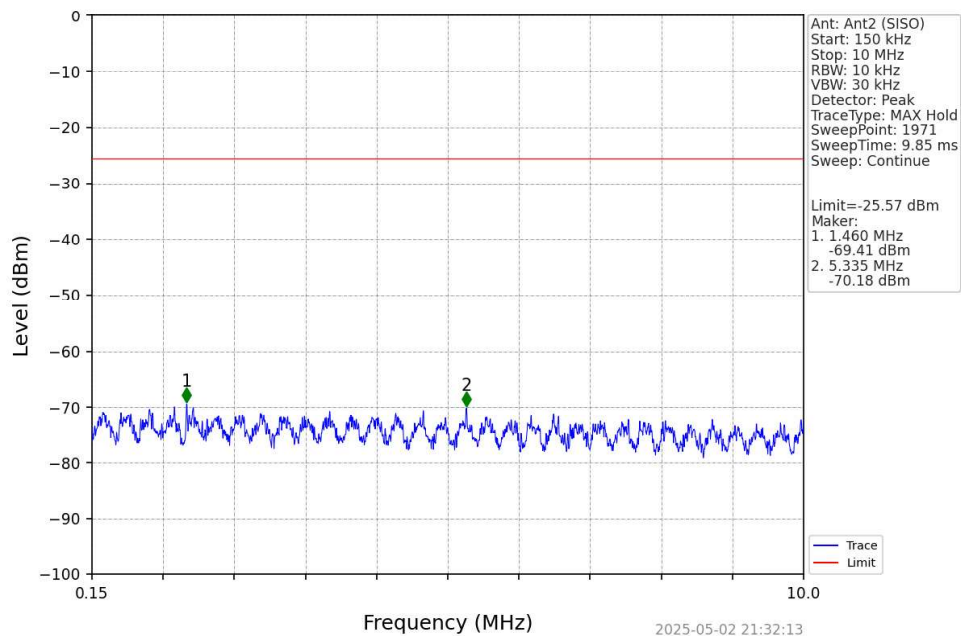
802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



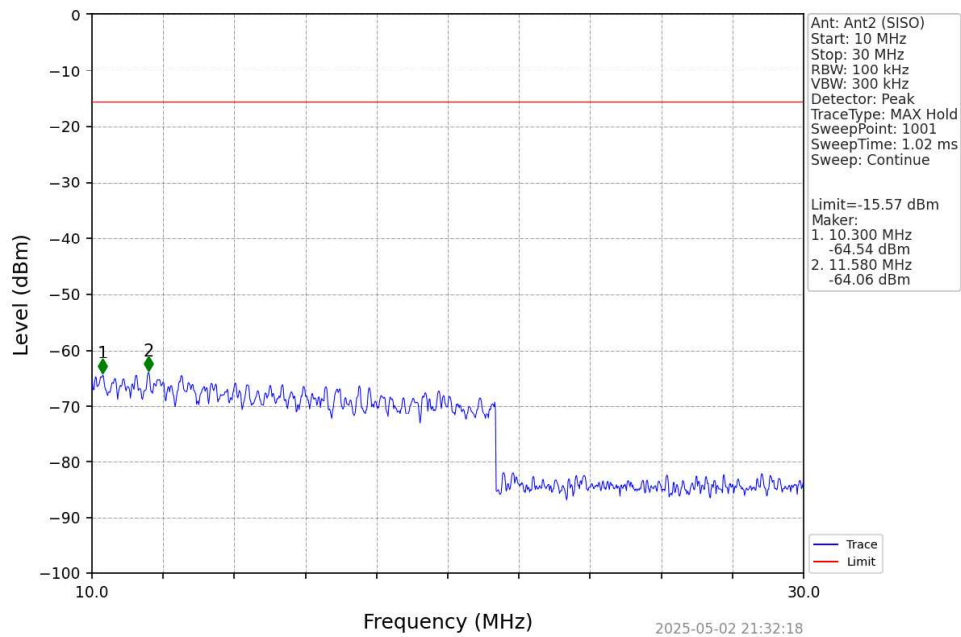
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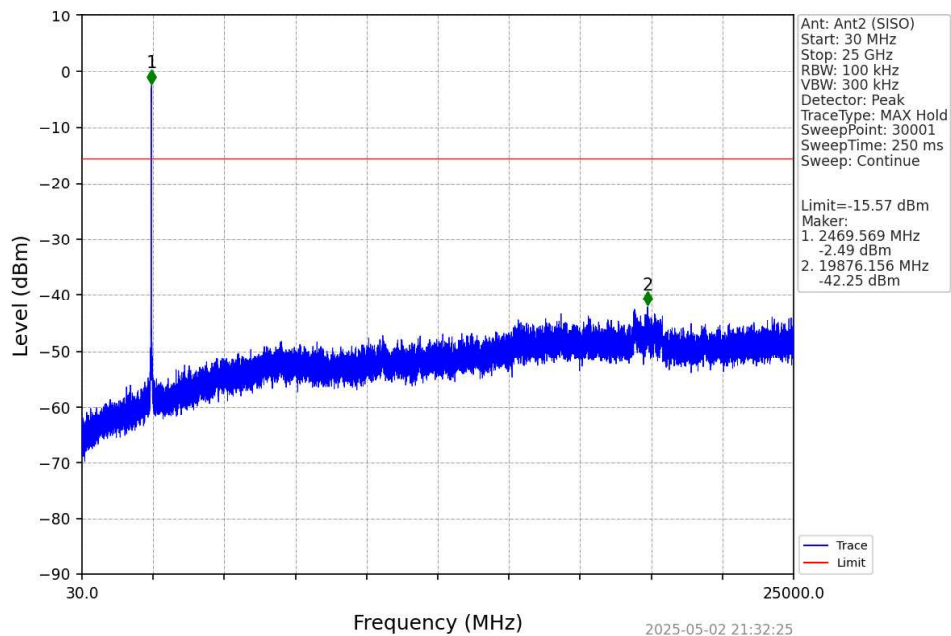
802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



7 Field Strength of Spurious Radiation

7.1 Test Result

Test Description	Test Specification		Test Result
Radiated Spurious Emissions	15.247(d) and 15.209	RSS-247 S5.5	Compliant

7.2 Test Method

The measurement methods defined in ANSI C63.10: 2020 were used.

Lowest, middle, and highest channels were investigated – the device was commanded to continuously transmit on channels low, middle, and high channels.

A modulation & data rate analysis was performed, and the following modes were determined to be the worst-case modulation and data rates: WLAN 802.11b – 1Mbps (DSSS) / WLAN 802.11n – MCS4 (OFDM) Antenna Chains 1.

Test distance:

9k to 30 MHz – Near field prescan to determine if there were any emissions.

30 to 1000 MHz - The EUT to measurement antenna distance was 3 meters

1 to 18 GHz - The EUT to measurement antenna distance was 3 meters

18 to 26 GHz - The EUT to measurement antenna distance was 3 meters

Limits within restricted bands of operation:

Frequency	Limits ⁽¹⁾		Peak Limits dBuV/m
	Microvolts/m	dBuV/m	
30 - 88 MHz	100	40 ⁽²⁾	--
88 - 216 MHz	150	43.5 ⁽²⁾	--
216 - 960 MHz	200	46 ⁽²⁾	--
960 - 1000 MHz	500	54 ⁽²⁾	--
1 - 40 GHz	500	54 ⁽³⁾	74

(1) These limits are applicable to emissions outside of the intentional transmit frequency band.

(2) Quasi-peak limit

(3) Average limit

7.3 Test Site

10m Absorber Lined Shielded Enclosure (ALSE), Suwanee, GA

3m Absorber Lined Shielded Enclosure (ALSE), Suwanee, GA

Environmental Conditions	6-Dec-2024	9-Dec-2024	10-Dec-2024	18-Dec-2024	17-July-2025
Temperature:	22.54°C	22.27°C	22.51°C	22.9°C	23.1°C
Relative Humidity:	16.6%	34.8%	52.6%	44.2%	49.8%
Atmospheric Pressure:	99.1kPa	98.3kPa	97.9kPa	98.8kPa	98.5kPa

7.4 Test Equipment

9kHz-30MHz

Test End Date: 18-Dec-2024

Tester: PL

Equipment	Model	Manufacturer	Asset Number	Cal Date	Cal Due Date
ANTENNA, LOOP, ACTIVE	6502	ETS LINDGREN	B085752	24-Mar-2024	24-Mar-2026
N to N RF Cable	EM-B810NM-276	ECHOLON	24022	15-Nov-2024	15-Nov-2025
N-FEMALE TO N-MALE RF CABLE	EM-B810NMNF-118	ECHOLON	23010	17-Apr-2024	17-Apr-2025
RF CABLE NM TO NM, 0.01-18GHZ	90-195-079	TELEDYNE STORM MICROWAVE	20123	6-Feb-2024	6-Feb-2025
EMI TEST RECEIVER	ESW44	ROHDE & SCHWARZ	22027	14-Nov-2024	14-Nov-2025

30-1000MHz

Test End Date: 18-Dec-2024

Tester: PL

Equipment	Model	Manufacturer	Asset Number	Cal Date	Cal Due Date
ANTENNA, BILOG	JB6	SUNOL	B079689	16-May-2024	16-May-2026
N to N RF Cable	EM-B810NM-276	ECHOLON	24022	15-Nov-2024	15-Nov-2025
N-FEMALE TO N-MALE RF CABLE	EM-B810NMNF-118	ECHOLON	23010	17-Apr-2024	17-Apr-2025
RF CABLE NM TO NM, 0.01-18GHZ	90-195-079	TELEDYNE STORM MICROWAVE	20123	6-Feb-2024	6-Feb-2025
EMI TEST RECEIVER	ESW44	ROHDE & SCHWARZ	22027	14-Nov-2024	14-Nov-2025
ROTARY NM TO NF CONNECTOR	18-2120-0	DIAMOND ANTENNA AND MICROWAVE CORP	22008	19-Mar-2024	19-Mar-2025
RF CABLE	SF106	HUBER & SUHNER	B085888	7-Aug-2024	7-Aug-2025

1-18GHz

Test End Date: 9-Dec-2024 / 6-Dec-2024

Tester: PL / PL, ZH

Equipment	Model	Manufacturer	Asset Number	Cal Date	Cal Due Date
ANTENNA, DRG HORN (MEDIUM)	3117	ETS LINDGREN	B079691	2-Aug-2024	2-Aug-2026
N to N RF Cable	EM-B810NM-276	ECHOLON	24021	15-Nov-2024	15-Nov-2025
RF CABLE	SF106	HUBER & SUHNER	B085888	7-Aug-2024	7-Aug-2025
LOW NOISE AMPLIFIER	TS-PR18	ROHDE & SCHWARZ	15003	8-Oct-2024	8-Oct-2025
EMI TEST RECEIVER	ESW44	ROHDE & SCHWARZ	22027	14-Nov-2024	14-Nov-2025
FILTER, HIGH PASS, >2800MHZ	HPM50111	MICRO-TRONICS	22017	14-Jun-2024	14-Jun-2025

18-26GHz

Test End Date: 10-Dec-2024 / 9-Dec-2024

Tester: PL / ZH

Equipment	Model	Manufacturer	Asset Number	Cal Date	Cal Due Date
ANTENNA, DRG HORN (SMALL)	3116B	ETS LINDGREN	B079695	2-Aug-2024	2-Aug-2026
SMA to SMA RF Cable	NC12-K1K1-138	MEGAPHASE	22002	6-Feb-2024	6-Feb-2025
2.92MM MALE TO 2.92MM MALE RF CABLE	HULL140A-29P-29P-60	HASCO COMPONENTS	18033	20-Mar-2024	20-Mar-2025
LOW NOISE AMPLIFIER	NSP1840-HG	MITEQ	B087572	21-Oct-2024	21-Oct-2025
EMI TEST RECEIVER	ESW44	ROHDE & SCHWARZ	22027	14-Nov-2024	14-Nov-2025

Test End Date: 17-July-2024

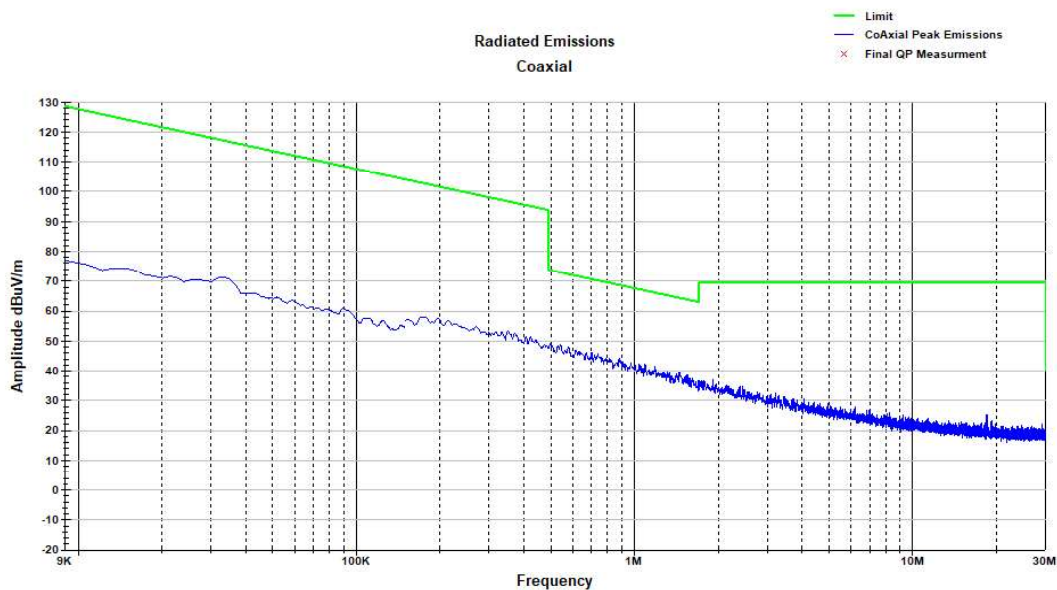
Tester: PL

Equipment	Model	Manufacturer	Asset Number	Cal Date	Cal Due Date
ANTENNA, DRG HORN (MEDIUM)	3117	ETS LINDGREN	B079699	23-Jul-2024	23-Jul-2026
N to N RF Cable	EM-B810NM-276	ECHOLON	24022	15-Nov-2024	15-Nov-2025
N to N RF Cable	90-076-020	TELEDYNE STORM MICROWAVE	22037	11-Dec-2024	11-Dec-2025
LOW NOISE AMPLIFIER	TS-PR18	ROHDE & SCHWARZ	B094463	3-Jul-2025	3-Jul-2026
EMI TEST RECEIVER	ESW44	ROHDE & SCHWARZ	22032	2-Jan-2025	2-Jan-2026
FILTER, HIGH PASS, >6250MHZ	HPM50112	MICRO-TRONICS	B093647	3-Jul-2025	3-Jul-2026

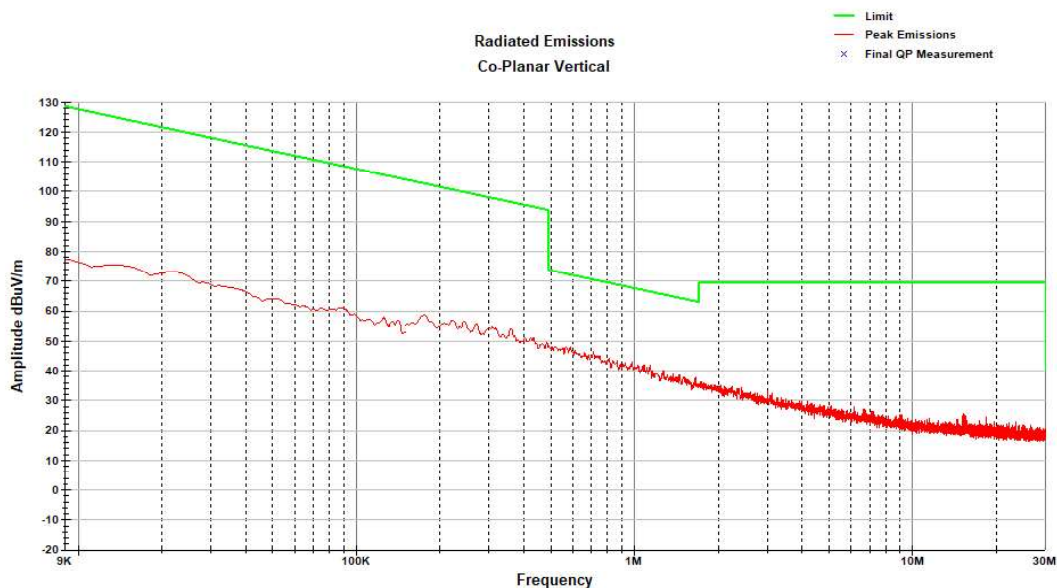
7.5 Test Data

7.5.1 WLAN 802.11b – 1Mbps – DSSS - Antenna 1 – Channel 1

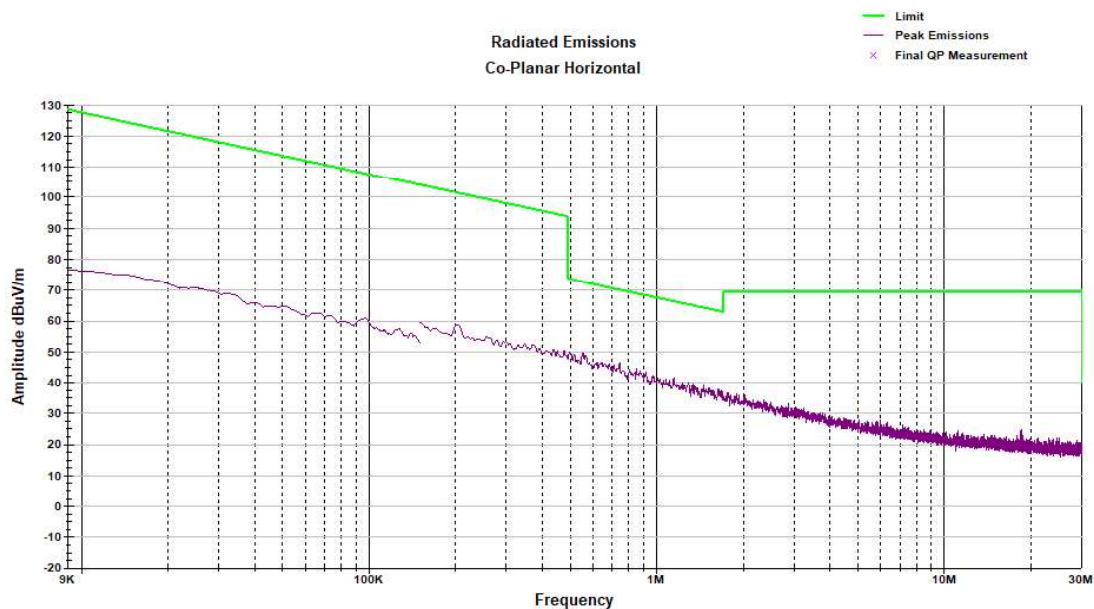
9kHz-30MHz – Coaxial – CH1 X-axis



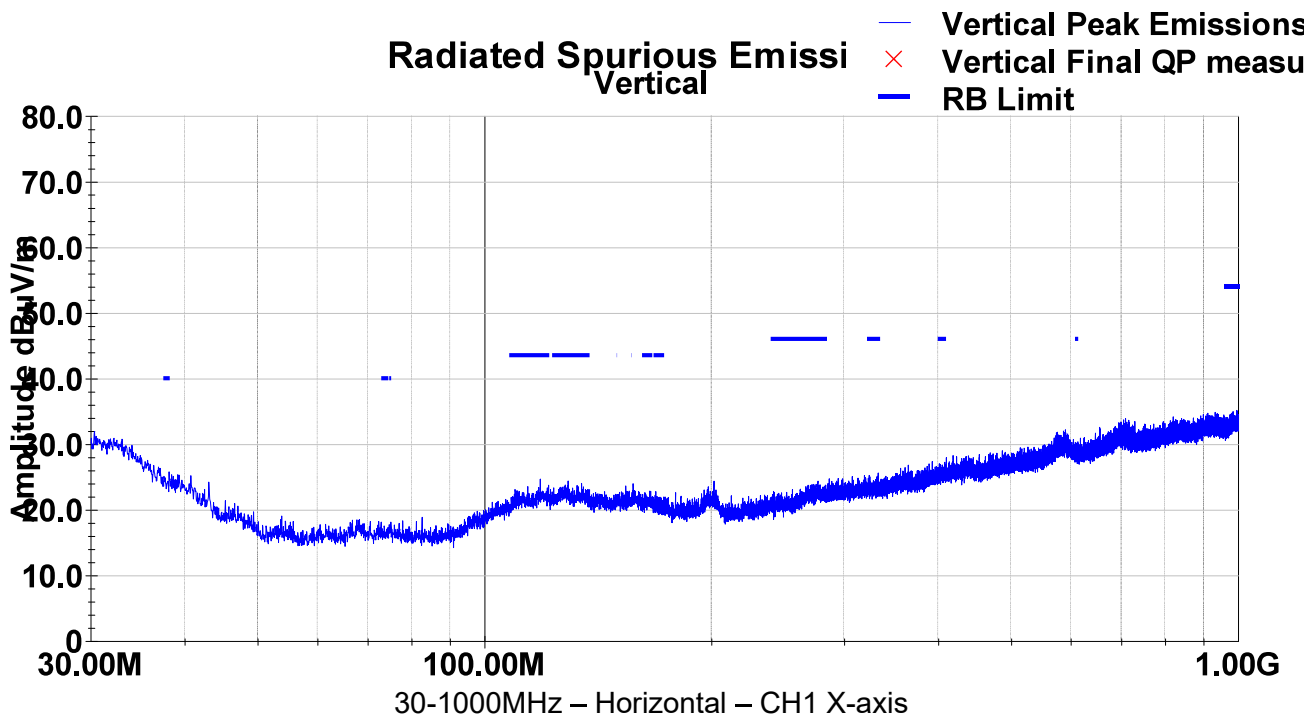
9kHz-30MHz – Co-planar Vertical – CH1 X-axis



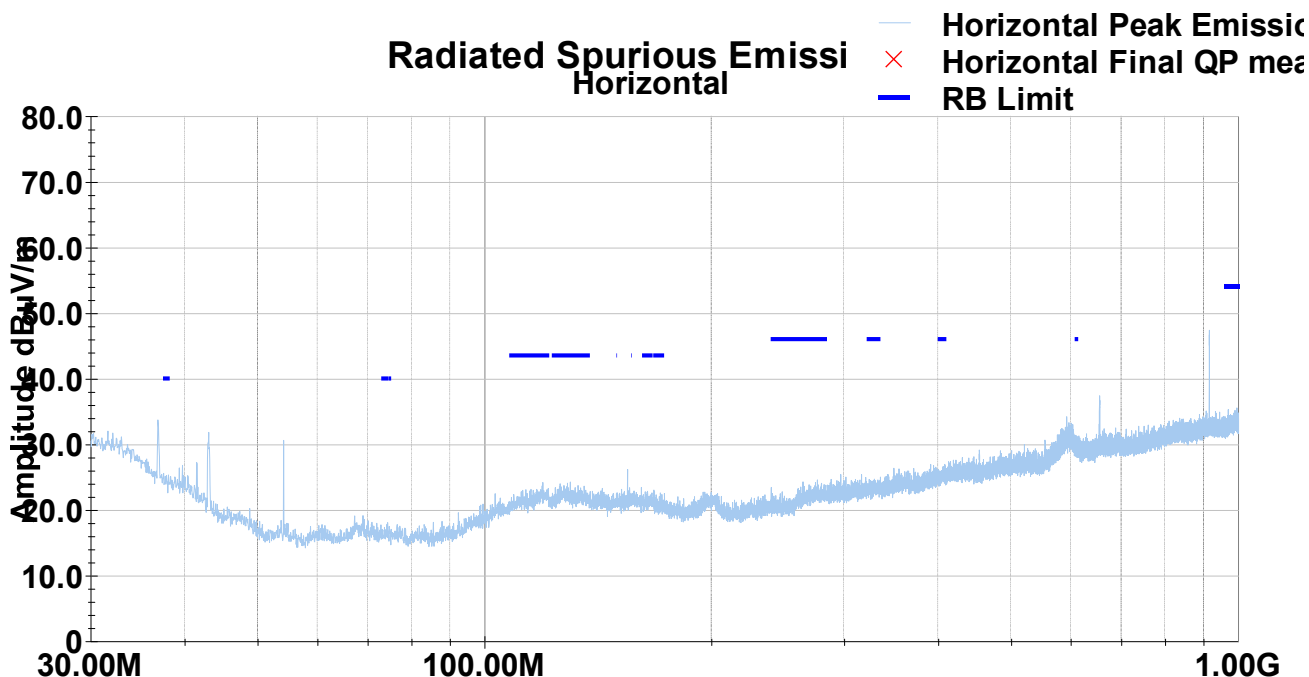
9kHz-30MHz – Co-planar Horizontal – Ch1 X-axis



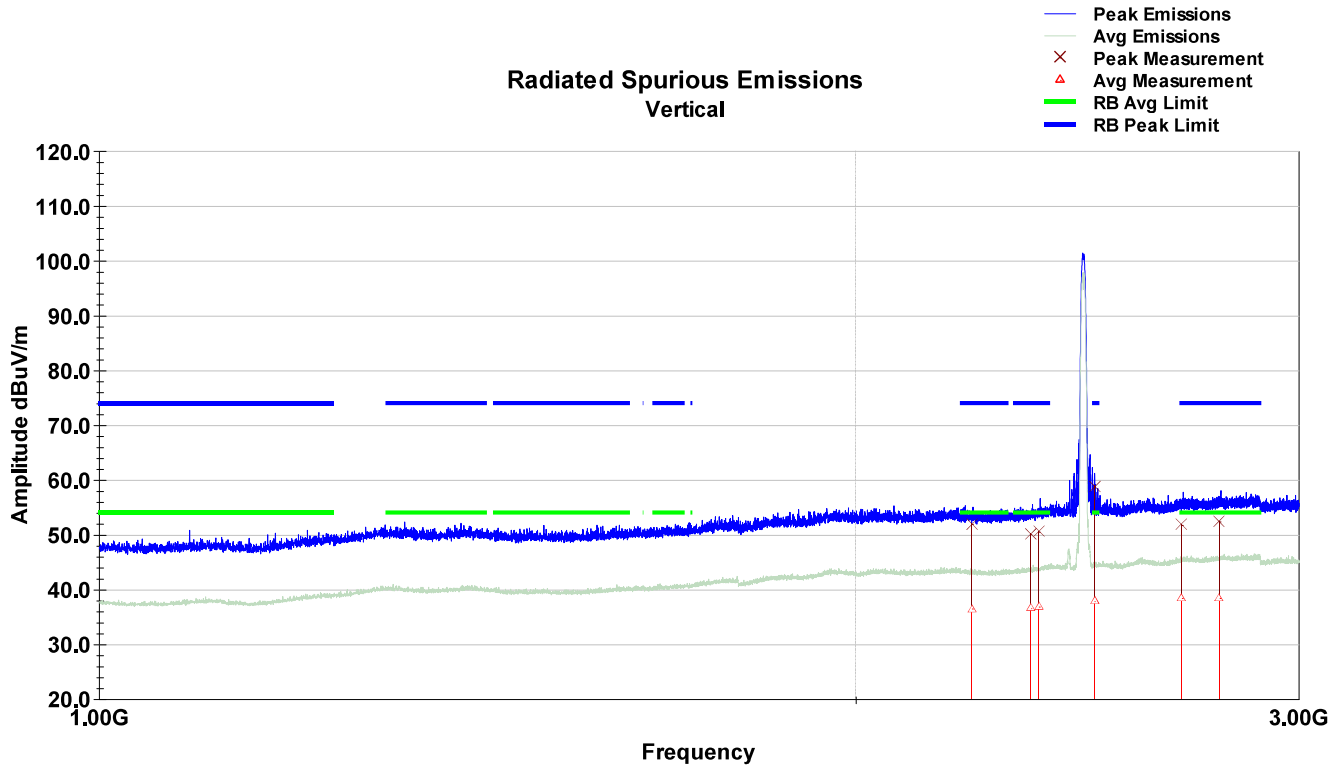
30-1000MHz – Vertical – CH1 X-axis



30-1000MHz – Horizontal – CH1 X-axis



1-3GHz – Vertical – CH1 X-axis



Peak

Frequency MHz	Raw Pk (dBuV)	Polarity (V/H)	Azimuth (degrees)	Height (cm)	AF (dB/m)	Loss (dB)	DCF (dB)	Amp (dB)	Final Pk (dBuV/m)	Limit (dBuV/m)	Margin (dB)
2224.12	43.2	V	155.0	198.0	31.3	11.9	0.0	34.5	52.0	74.0	-22.0
2348.28	41.3	V	192.0	125.0	31.5	12.0	0.0	34.6	50.1	74.0	-23.9
2364.44	41.4	V	177.0	206.0	31.6	12.0	0.0	34.5	50.5	74.0	-23.5
2488.48	49.1	V	354.0	164.0	31.9	12.0	0.0	34.2	58.9	74.0	-15.1
2695.52	41.3	V	261.0	106.0	32.4	12.1	0.0	34.1	51.8	74.0	-22.2
2790.00	41.9	V	305.0	139.0	32.5	12.1	0.0	34.2	52.4	74.0	-21.6
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

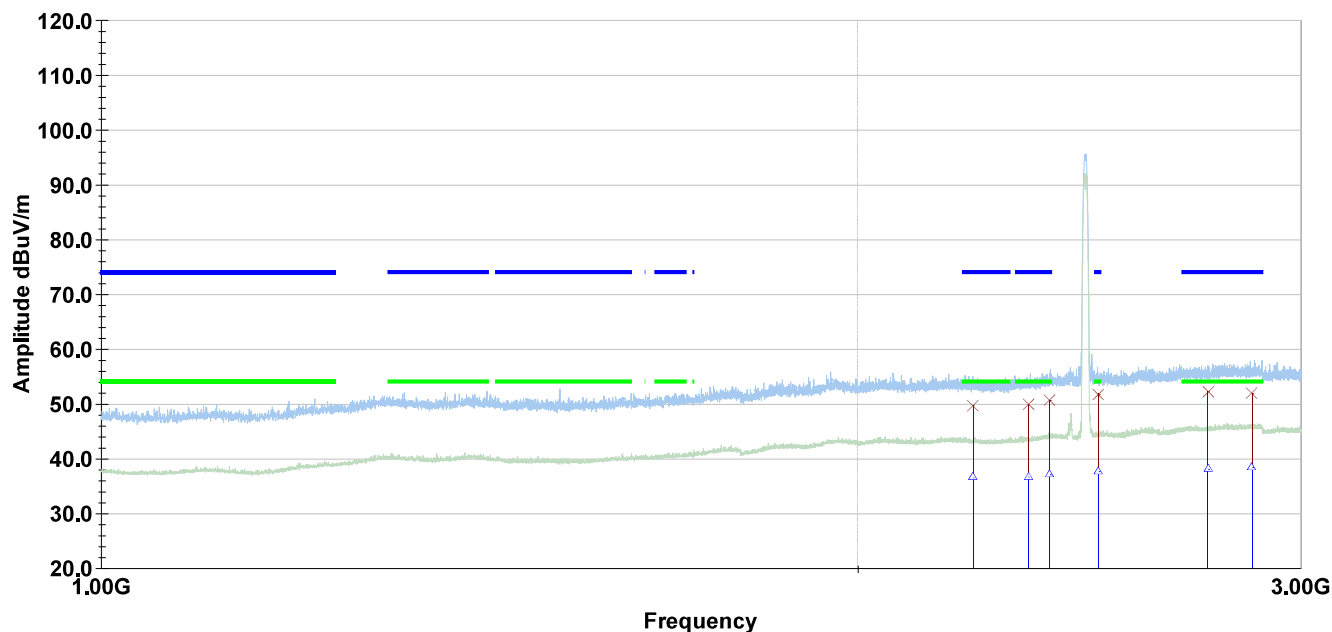
Average

Frequency MHz	Raw Avg dBuV	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
2224.12	27.8	V	155.0	198.0	31.3	11.9	0.0	34.5	36.5	54.0	-17.5
2348.28	27.8	V	192.0	125.0	31.5	12.0	0.0	34.6	36.6	54.0	-17.4
2364.44	27.8	V	177.0	206.0	31.6	12.0	0.0	34.5	36.9	54.0	-17.1
2488.48	28.2	V	354.0	164.0	31.9	12.0	0.0	34.2	37.9	54.0	-16.1
2695.52	28.0	V	261.0	106.0	32.4	12.1	0.0	34.1	38.5	54.0	-15.5
2790.00	28.0	V	305.0	139.0	32.5	12.1	0.0	34.2	38.4	54.0	-15.5
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

1-3GHz – Horizontal – CH1 X-axis

Radiated Spurious Emissions Horizontal

— Peak Emissions
 — Avg Emissions
 × Peak Measurement
 △ Avg Measurement
 — RB Avg Limit
 — RB Peak Limit



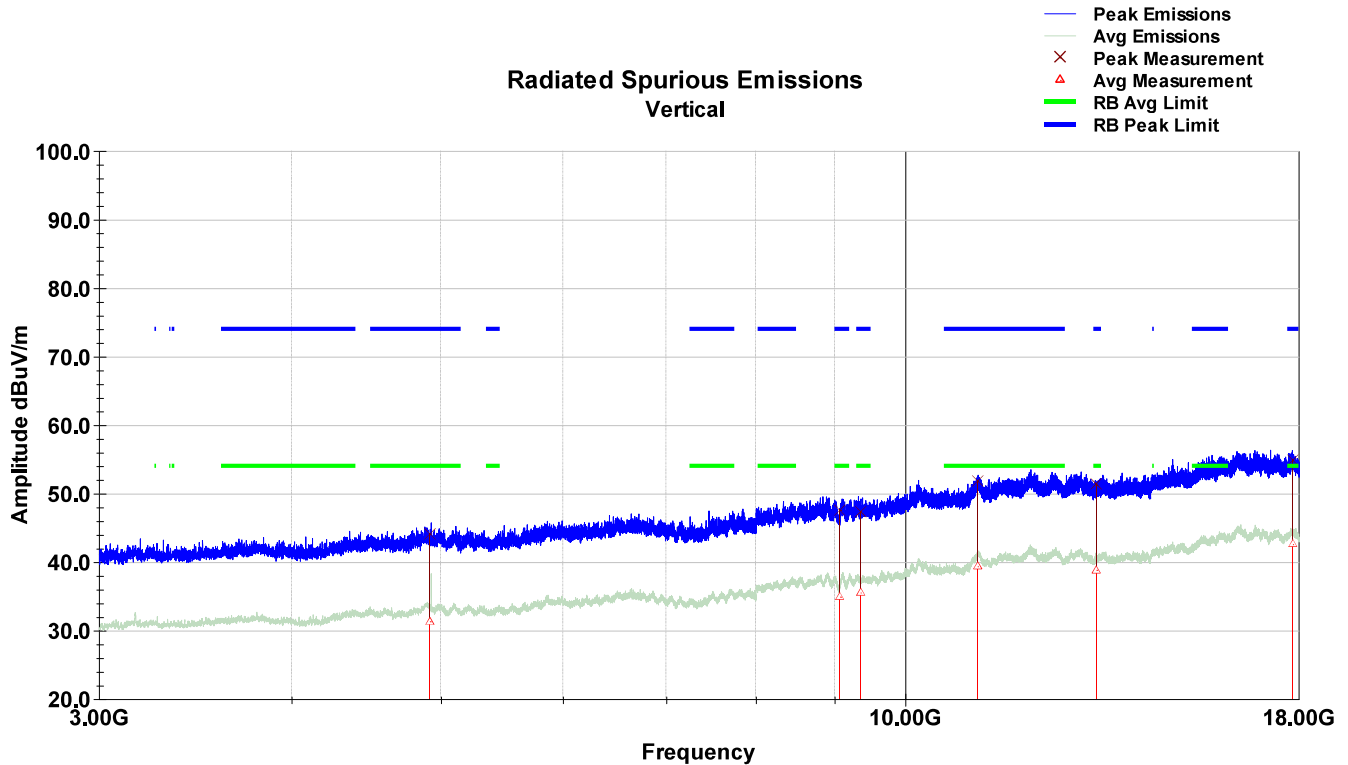
Peak

Frequency MHz	Raw Pk dBuV	Polarity (V/H)	Azimuth (degrees)	Height (cm)	AF (dB/m)	Loss (dB)	DCF dB	Amp (dB)	Final Pk dBuV/m	Limit dBuV/m	Margin dB
2223.00	41.0	H	232.0	106.0	31.3	11.9	0.0	34.5	49.7	74.0	-24.3
2338.00	40.9	H	289.0	248.0	31.4	12.0	0.0	34.6	49.8	74.0	-24.2
2384.00	41.2	H	220.0	175.0	31.8	12.0	0.0	34.4	50.6	74.0	-23.4
2493.00	42.0	H	271.0	159.0	31.9	12.0	0.0	34.2	51.7	74.0	-22.3
2756.00	42.0	H	150.0	100.0	32.5	12.2	0.0	34.5	52.2	74.0	-21.8
2870.00	41.7	H	288.0	249.0	32.4	12.2	0.0	34.4	51.9	74.0	-22.1
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Raw Avg dBuV	Polarity (V/H)	Azimuth (degrees)	Height (cm)	AF (dB/m)	Loss (dB)	DCF dB	Amp (dB)	Avg Value dBuV/m	Limit dBuV/m	Margin dB
2223.00	27.8	H	232.0	106.0	31.3	11.9	0.0	34.5	36.6	54.0	-17.4
2338.00	27.8	H	289.0	248.0	31.4	12.0	0.0	34.6	36.7	54.0	-17.3
2384.00	27.7	H	220.0	175.0	31.8	12.0	0.0	34.4	37.1	54.0	-16.9
2493.00	28.0	H	271.0	159.0	31.9	12.0	0.0	34.2	37.7	54.0	-16.3
2756.00	28.0	H	150.0	100.0	32.5	12.2	0.0	34.5	38.1	54.0	-15.9
2870.00	28.2	H	288.0	249.0	32.4	12.2	0.0	34.4	38.4	54.0	-15.5
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

3-18GHz – Vertical – CH1 X-axis Plot



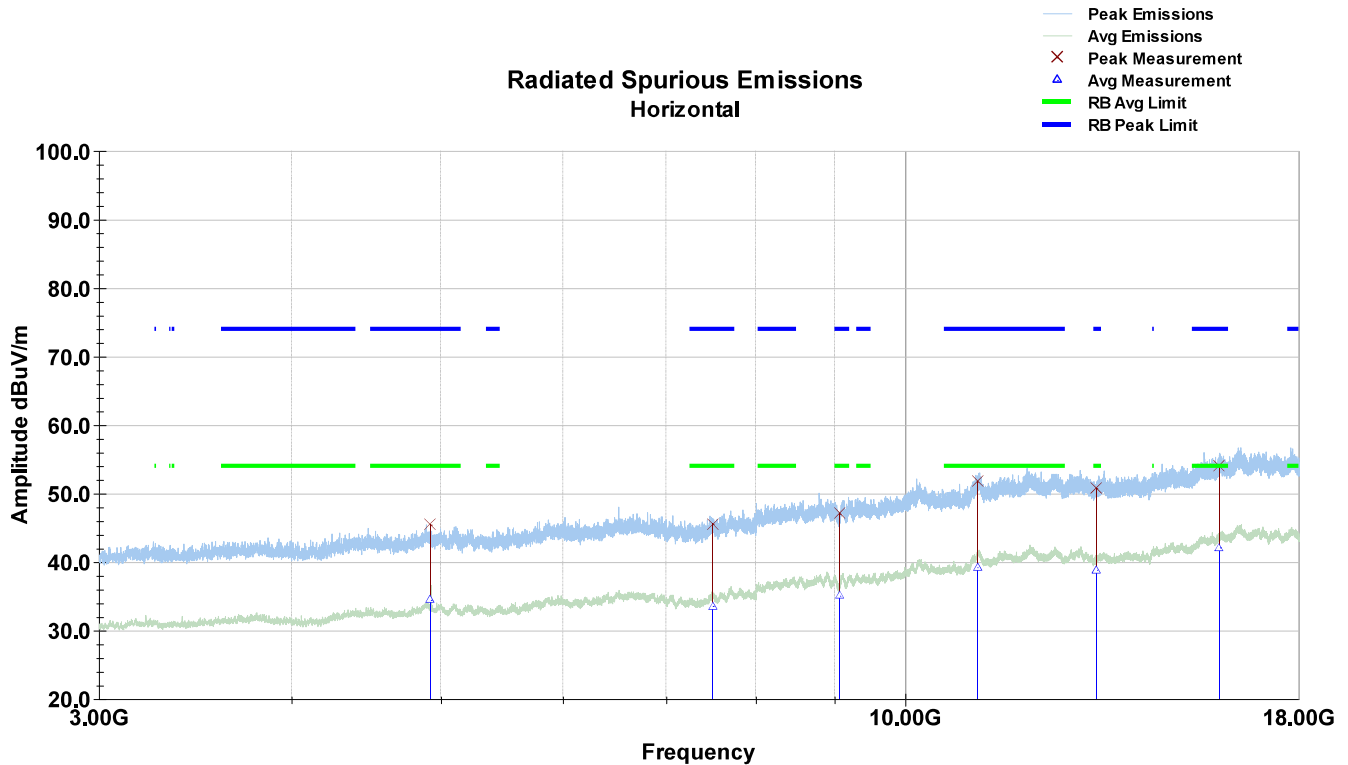
Peak

Frequency MHz	Raw Pk (dBuV)	Polarity (V/H)	Azimuth (degrees)	Height (cm)	AF (dB/m)	Loss (dB)	DCF (dB)	Amp (dB)	Final Pk (dBuV/m)	Limit (dBuV/m)	Margin (dB)
4915.84	41.1	V	19.0	223.0	34.1	3.1	0.0	34.1	44.1	74.0	-29.9
9071.72	42.6	V	111.0	106.0	36.4	3.3	0.0	34.8	47.6	74.0	-26.4
9356.92	42.3	V	309.0	128.0	36.6	3.7	0.0	35.1	47.4	74.0	-26.6
11145.36	44.0	V	185.0	250.0	38.6	4.3	0.0	35.0	51.9	74.0	-22.1
13303.64	43.5	V	15.0	176.0	39.2	4.5	0.0	36.0	51.3	74.0	-22.7
17848.00	45.1	V	159.0	169.0	41.0	5.5	0.0	36.7	54.9	74.0	-19.1
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Raw Avg dBuV	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
4915.84	28.3	V	19.0	223.0	34.1	3.1	0.0	34.1	31.4	54.0	-22.6
9071.72	30.0	V	111.0	106.0	36.4	3.3	0.0	34.8	35.0	54.0	-19.0
9356.92	30.4	V	309.0	128.0	36.6	3.7	0.0	35.1	35.5	54.0	-18.4
11145.36	31.5	V	185.0	250.0	38.6	4.3	0.0	35.0	39.4	54.0	-14.6
13303.64	31.1	V	15.0	176.0	39.2	4.5	0.0	36.0	38.9	54.0	-15.1
17848.00	32.9	V	159.0	169.0	41.0	5.5	0.0	36.7	42.6	54.0	-11.4
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

3-18GHz – Horizontal – CH1 X-axis



Peak

Frequency MHz	Raw Pk dBuV	Polarity (V/H)	Azimuth (degrees)	Height (cm)	AF (dB/m)	Loss (dB)	DCF dB	Amp (dB)	Final Pk dBuV/m	Limit dBuV/m	Margin dB
4924.00	42.6	H	282.0	219.0	34.1	3.0	0.0	34.2	45.5	74.0	-28.5
7500.00	41.1	H	358.0	131.0	35.8	3.2	0.0	34.5	45.6	74.0	-28.4
9075.00	41.9	H	185.0	175.0	36.4	3.3	0.0	34.7	47.0	74.0	-27.0
11140.00	43.9	H	339.0	129.0	38.6	4.3	0.0	35.1	51.7	74.0	-22.3
13320.00	43.0	H	159.0	249.0	39.3	4.5	0.0	36.0	50.8	74.0	-23.2
16000.00	44.0	H	248.0	121.0	40.9	5.1	0.0	35.9	54.1	74.0	-19.9
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Raw Avg dBuV	Polarity (V/H)	Azimuth (degrees)	Height (cm)	AF (dB/m)	Loss (dB)	DCF dB	Amp (dB)	Avg Value dBuV/m	Limit dBuV/m	Margin dB
4924.00	31.6	H	282.0	219.0	34.1	3.0	0.0	34.2	34.5	54.0	-19.5
7500.00	29.0	H	358.0	131.0	35.8	3.2	0.0	34.5	33.6	54.0	-20.4
9075.00	30.0	H	185.0	175.0	36.4	3.3	0.0	34.7	35.1	54.0	-18.9
11140.00	31.4	H	339.0	129.0	38.6	4.3	0.0	35.1	39.2	54.0	-14.7
13320.00	31.1	H	159.0	249.0	39.3	4.5	0.0	36.0	38.9	54.0	-15.1
16000.00	32.0	H	248.0	121.0	40.9	5.1	0.0	35.9	42.2	54.0	-11.8
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

18-26GHz

- This frequency range does not show any significant difference between different EUT orientations, channels, or chains. Worst Case plots shown on Channel 6.

7.5.2 WLAN 802.11b – 1Mbps – DSSS - Antenna 1 – Channel 6

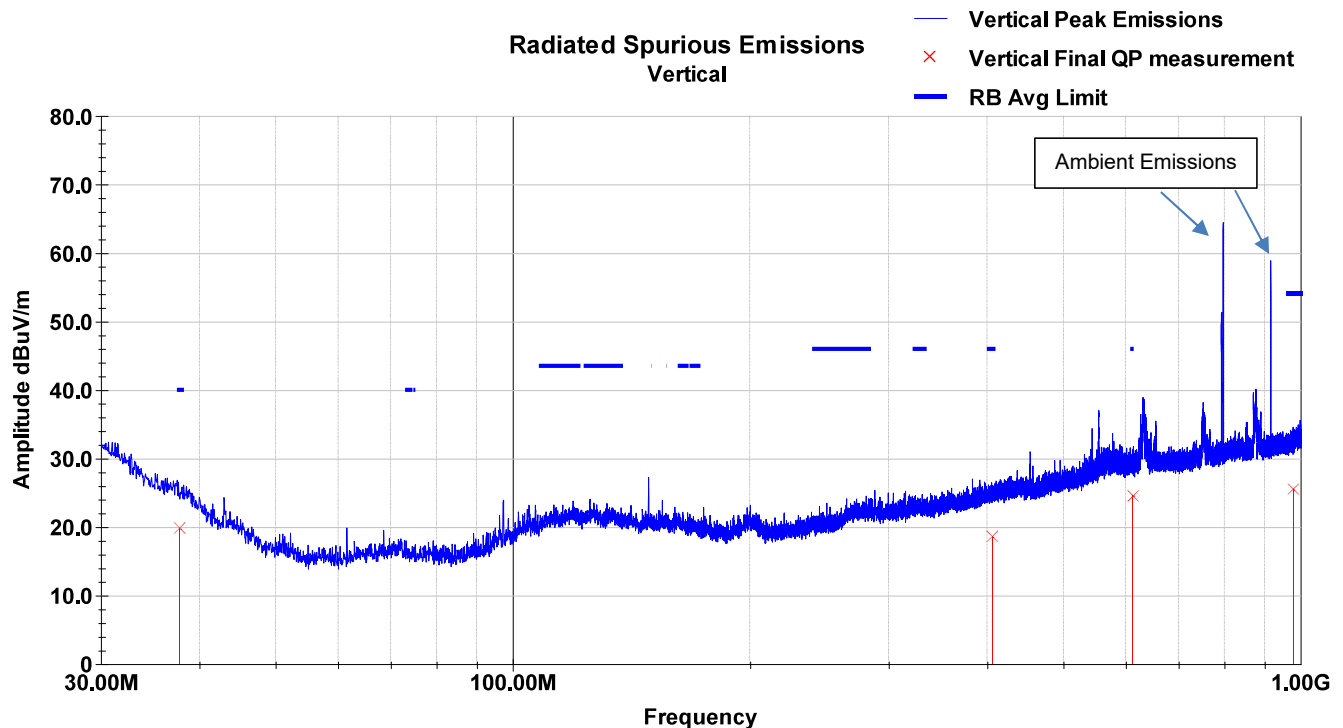
9kHz-30MHz

- This frequency range does not show any significant difference between different chains, channels and/or orientation. Worst Case plots shown on Channel 1.

30-1000MHz

- This frequency range does not show any significant difference between different chains, channels and/or orientation.

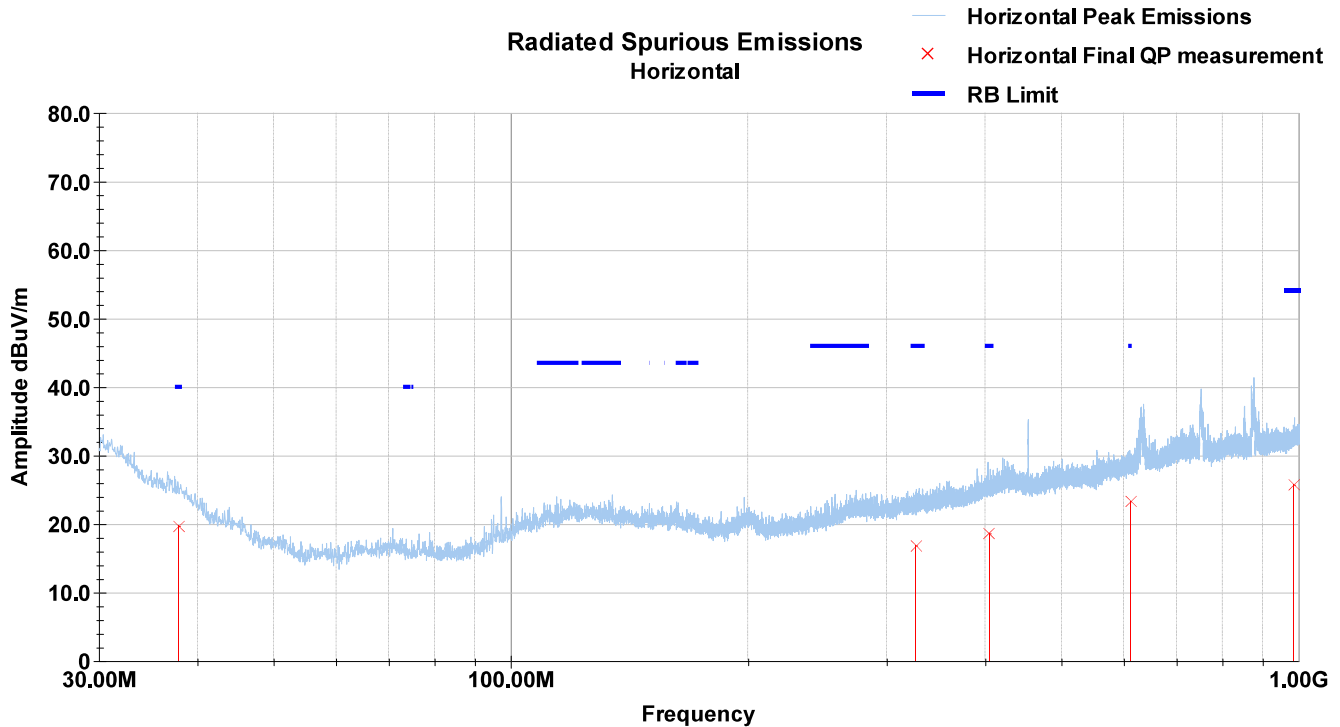
30-1000MHz – Vertical – CH6 X-axis



Quasi Peak

Frequency MHz	Raw QP (dBuV)	Polarity (V/H)	Azimuth (degrees)	Height (cm)	AF (dB/m)	Loss (dB)	Amp (dB)	QP Value (dBuV/m)	Limit (dBuV/m)	Margin (dB)
37.82	30.0	V	343.0	279.0	20.0	0.3	30.7	19.8	40.0	-20.2
406.18	26.2	V	318.0	100.0	20.5	1.7	30.0	18.6	46.0	-27.5
612.43	28.3	V	128.0	100.0	24.0	1.9	29.8	24.6	46.0	-21.5
980.58	24.3	V	163.0	153.0	27.7	2.2	28.8	25.4	54.0	-28.5
QP Value = Raw QP + AF + Loss - Amp										
Margin = QP Value - Limit										

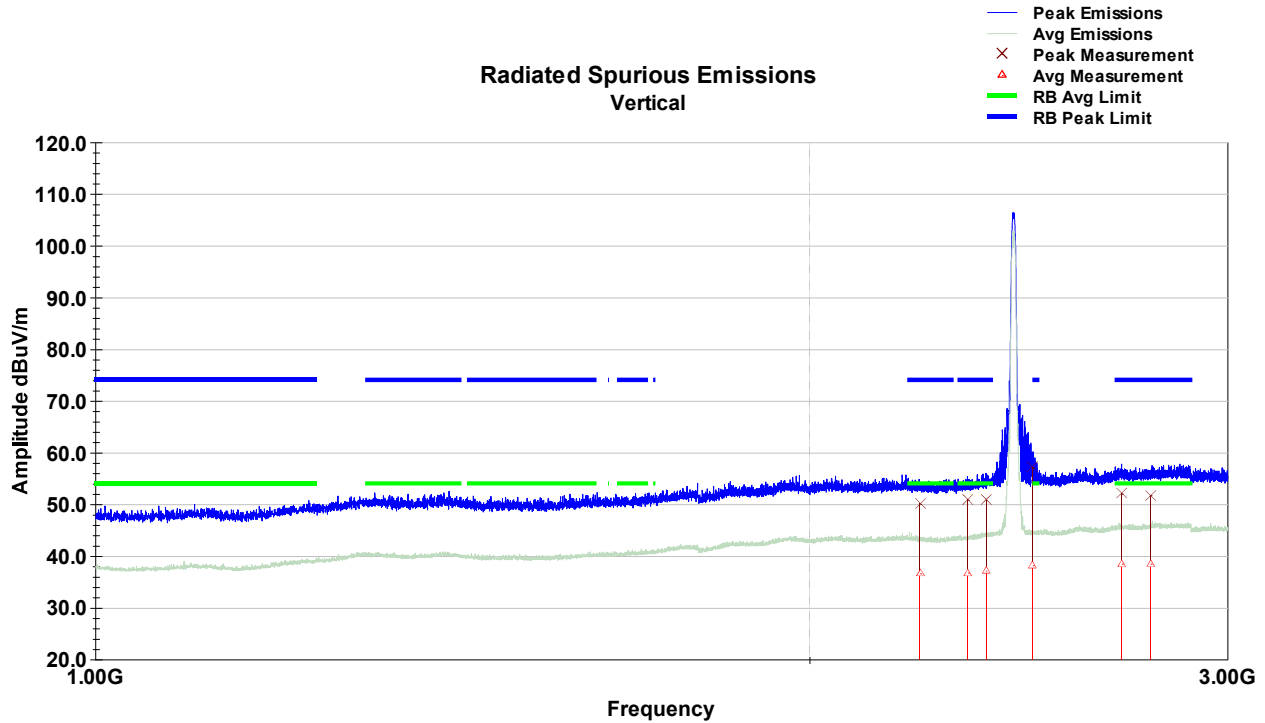
30-1000MHz – Vertical – CH6 X-axis



Quasi Peak

Frequency MHz	Raw QP (dBuV)	Polarity (V/H)	Azimuth (degrees)	Height (cm)	AF (dB/m)	Loss (dB)	Amp (dB)	QP Value (dBuV/m)	Limit (dBuV/m)	Margin (dB)
37.89	30.0	H	336.0	354.0	20.0	0.3	30.7	19.7	40.0	-20.3
326.82	26.6	H	206.0	136.0	18.8	1.5	30.1	16.8	46.0	-29.2
405.34	26.3	H	339.0	235.0	20.5	1.7	30.0	18.6	46.0	-27.4
612.16	27.1	H	126.0	143.0	24.0	1.9	29.8	23.3	46.0	-22.7
986.37	24.4	H	52.0	249.0	27.8	2.2	28.7	25.7	54.0	-28.2
QP Value = Raw QP + AF + Loss - Amp										
Margin = QP Value - Limit										

1-3GHz – Vertical – CH6 X-axis



Peak

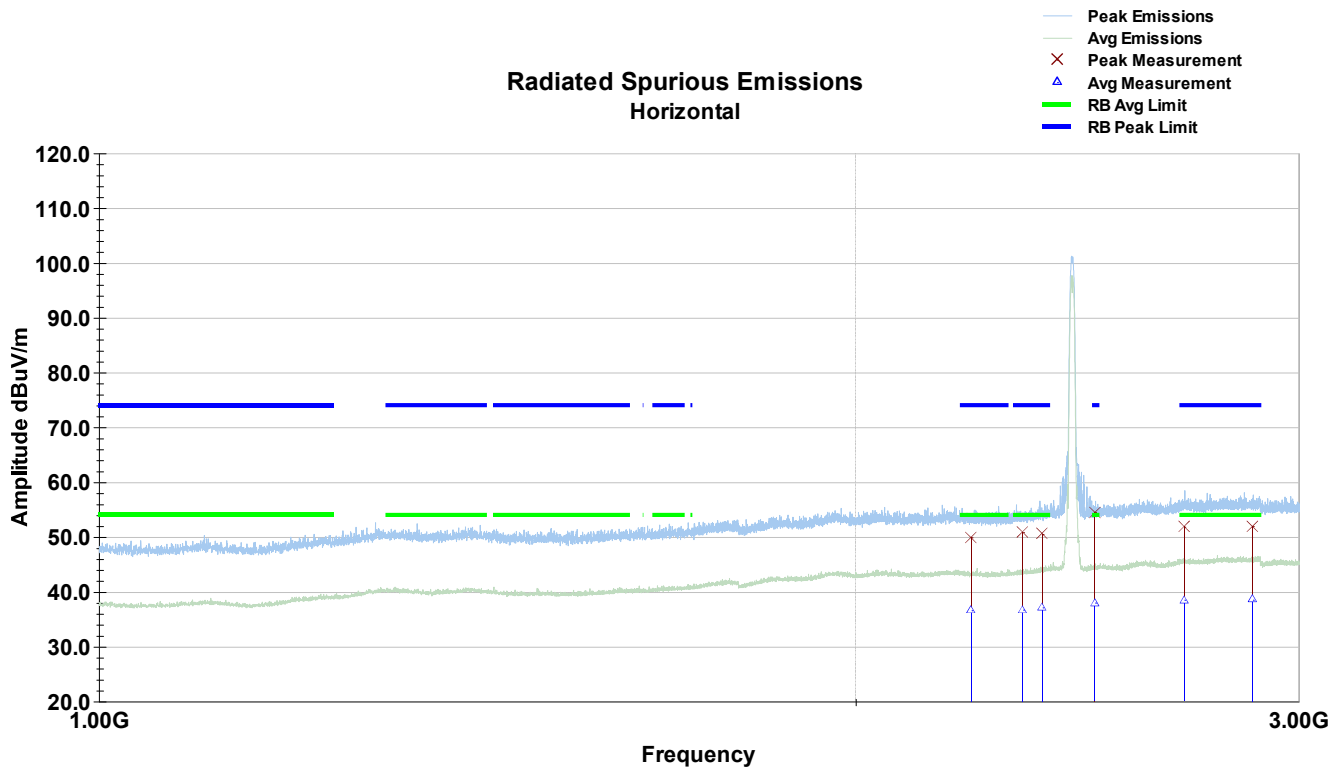
Frequency MHz	Raw Pk (dBuV)	Polarity (V/H)	Azimuth (degrees)	Height (cm)	AF (dB/m)	Loss (dB)	DCF (dB)	Amp (dB)	Final Pk (dBuV/m)	Limit (dBuV/m)	Margin (dB)
2226.90	41.4	V	247.0	191.0	31.3	11.9	0.0	34.5	50.1	74.0	-23.9
2332.20	42.0	V	139.0	179.0	31.4	12.0	0.0	34.5	50.9	74.0	-23.1
2374.32	41.6	V	213.0	246.0	31.7	12.0	0.0	34.4	50.8	74.0	-23.2
2484.08	47.5	V	9.0	185.0	32.0	12.0	0.0	34.3	57.1	74.0	-16.9
2708.28	41.6	V	197.0	174.0	32.4	12.1	0.0	34.1	52.1	74.0	-21.9
2784.84	41.3	V	133.0	137.0	32.5	12.1	0.0	34.2	51.8	74.0	-22.2
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Raw Avg dBuV	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
2226.90	27.9	V	247.0	191.0	31.3	11.9	0.0	34.5	36.6	54.0	-17.3
2332.20	27.9	V	139.0	179.0	31.4	12.0	0.0	34.5	36.8	54.0	-17.2
2374.32	27.9	V	213.0	246.0	31.7	12.0	0.0	34.4	37.2	54.0	-16.8
2484.08	28.5	V	9.0	185.0	32.0	12.0	0.0	34.3	38.2	54.0	-15.8
2708.28	28.0	V	197.0	174.0	32.4	12.1	0.0	34.1	38.5	54.0	-15.5
2784.84	28.1	V	133.0	137.0	32.5	12.1	0.0	34.2	38.5	54.0	-15.4
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

1-3GHz – Horizontal – CH6 X-axis

Radiated Spurious Emissions Horizontal



Peak

Frequency MHz	Raw Pk dBuV	Polarity (V/H)	Azimuth (degrees)	Height (cm)	AF (dB/m)	Loss (dB)	DCF dB	Amp (dB)	Final Pk dBuV/m	Limit dBuV/m	Margin dB
2223.50	41.2	H	114.0	117.0	31.3	11.9	0.0	34.5	49.9	74.0	-24.1
2330.60	42.1	H	74.0	235.0	31.3	12.0	0.0	34.5	50.9	74.0	-23.1
2372.70	41.3	H	125.0	247.0	31.7	12.0	0.0	34.5	50.5	74.0	-23.5
2489.50	44.8	H	94.0	130.0	31.9	12.0	0.0	34.2	54.5	74.0	-19.5
2701.60	41.4	H	164.0	158.0	32.4	12.1	0.0	34.0	51.9	74.0	-22.1
2876.20	41.8	H	344.0	234.0	32.4	12.2	0.0	34.4	52.0	74.0	-22.0
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

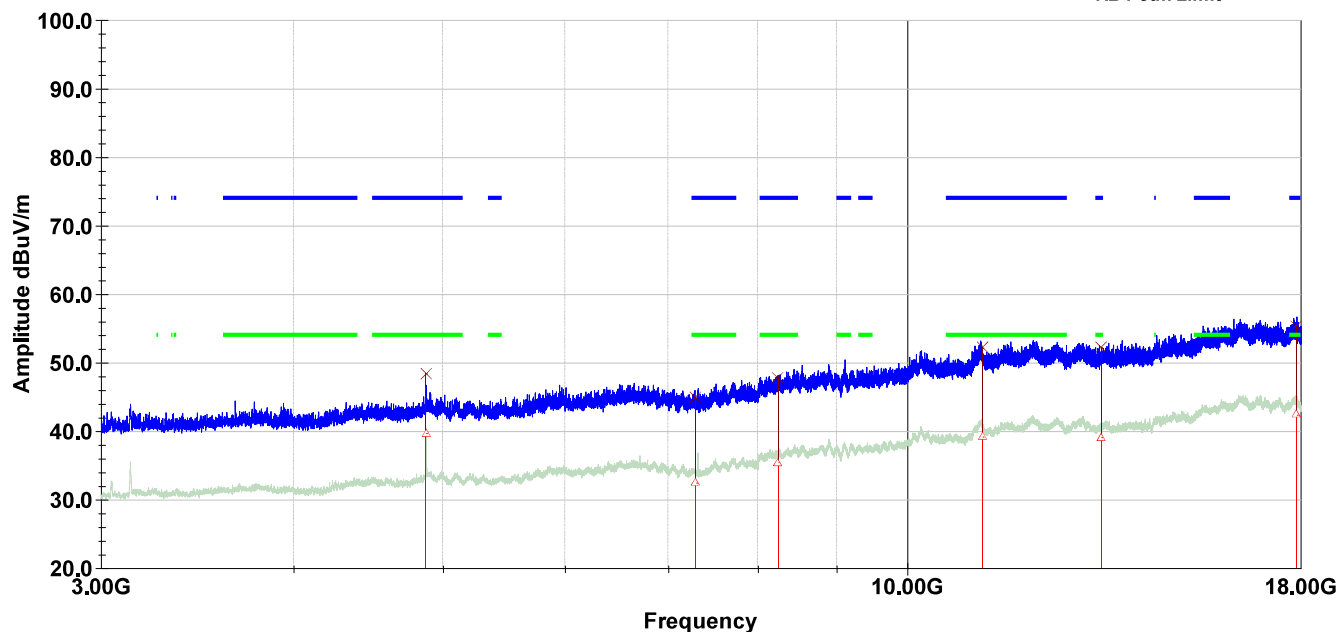
Average

Frequency MHz	Raw Avg dBuV	Polarity (V/H)	Azimuth (degrees)	Height (cm)	AF (dB/m)	Loss (dB)	DCF dB	Amp (dB)	Avg Value dBuV/m	Limit (dBuV/m)	Margin (dB)
2223.50	27.9	H	114.0	117.0	31.3	11.9	0.0	34.5	36.7	54.0	-17.3
2330.60	28.0	H	74.0	235.0	31.3	12.0	0.0	34.5	36.8	54.0	-17.2
2372.70	27.9	H	125.0	247.0	31.7	12.0	0.0	34.5	37.2	54.0	-16.8
2489.50	28.3	H	94.0	130.0	31.9	12.0	0.0	34.2	38.0	54.0	-16.0
2701.60	28.1	H	164.0	158.0	32.4	12.1	0.0	34.0	38.6	54.0	-15.4
2876.20	28.4	H	344.0	234.0	32.4	12.2	0.0	34.4	38.6	54.0	-15.4
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

3-18GHz – Vertical – CH6 X-axis

Radiated Spurious Emissions
Vertical

- Peak Emissions
- Avg Emissions
- × Peak Measurement
- △ Avg Measurement
- RB Avg Limit
- RB Peak Limit



Peak

Frequency MHz	Raw Pk (dBuV)	Polarity (V/H)	Azimuth (degrees)	Height (cm)	AF (dB/m)	Loss (dB)	DCF (dB)	Amp (dB)	Final Pk (dBuV/m)	Limit (dBuV/m)	Margin (dB)
4874.04	45.4	V	63.0	195.0	34.1	3.1	0.0	34.2	48.4	74.0	-25.6
7295.96	40.8	V	335.0	204.0	35.7	3.2	0.0	34.8	44.9	74.0	-29.1
8251.84	42.6	V	268.0	194.0	35.9	3.6	0.0	34.4	47.8	74.0	-26.2
11190.64	44.5	V	237.0	243.0	38.6	4.3	0.0	35.3	52.2	74.0	-21.8
13361.00	44.4	V	119.0	100.0	39.3	4.5	0.0	36.0	52.2	74.0	-21.8
17892.54	45.8	V	309.0	100.0	41.0	5.4	0.0	36.8	55.3	74.0	-18.7
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Raw Avg dBuV	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
4874.04	36.7	V	63.0	195.0	34.1	3.1	0.0	34.2	39.7	54.0	-14.3
7295.96	28.4	V	335.0	204.0	35.7	3.2	0.0	34.8	32.5	54.0	-21.5
8251.84	30.3	V	268.0	194.0	35.9	3.6	0.0	34.4	35.5	54.0	-18.5
11190.64	31.6	V	237.0	243.0	38.6	4.3	0.0	35.3	39.2	54.0	-14.8
13361.00	31.3	V	119.0	100.0	39.3	4.5	0.0	36.0	39.1	54.0	-14.9
17892.54	32.8	V	309.0	100.0	41.0	5.4	0.0	36.8	42.4	54.0	-11.6
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											