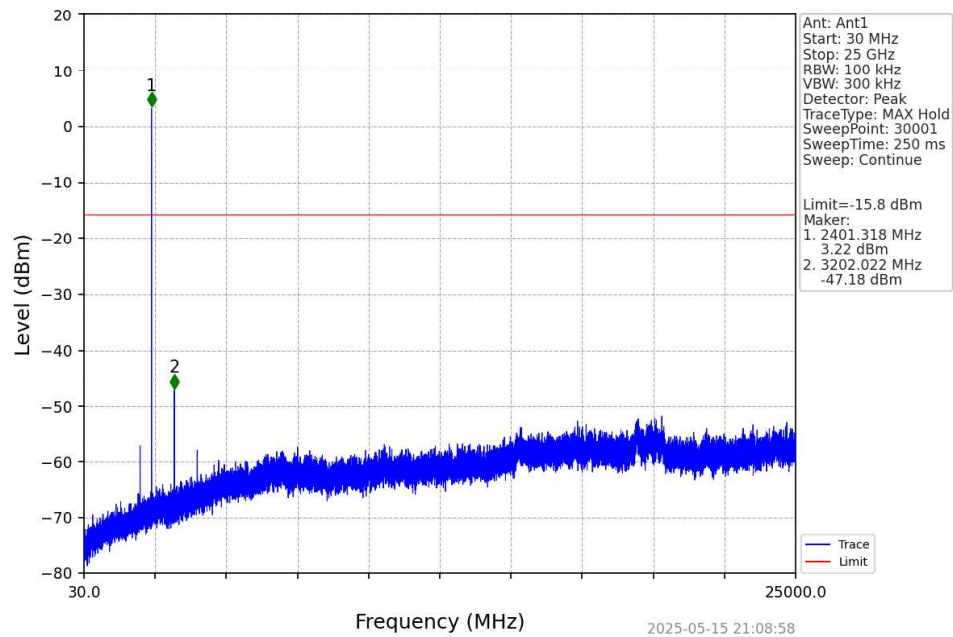
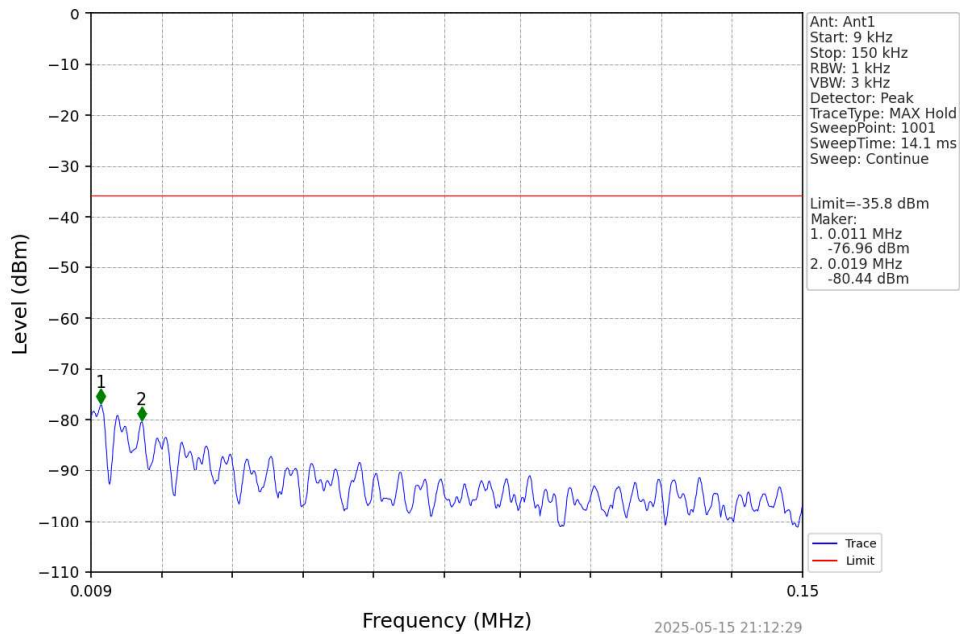


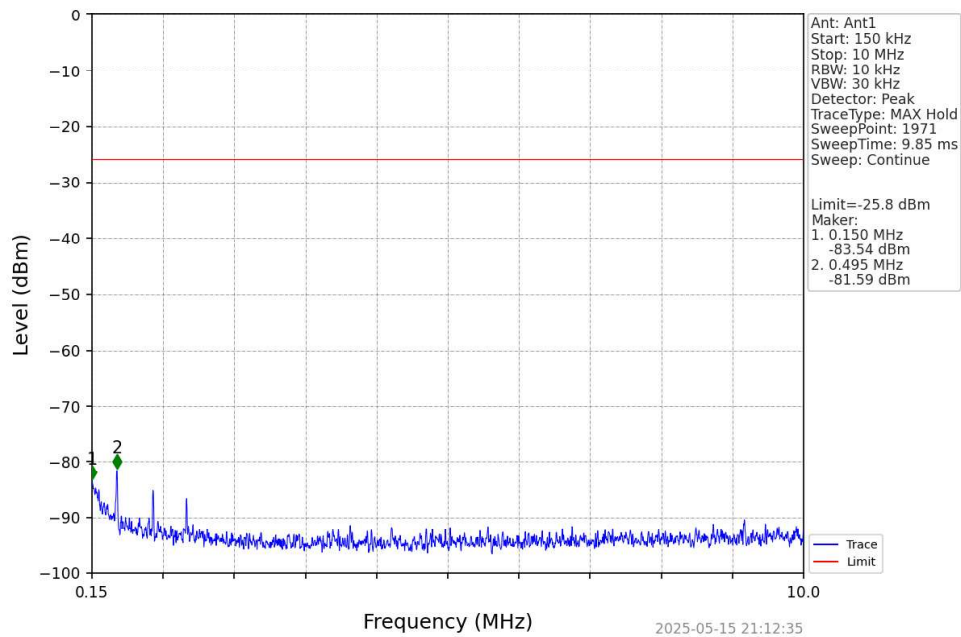
1M_LCH_2402MHz_Ant1_NTNV



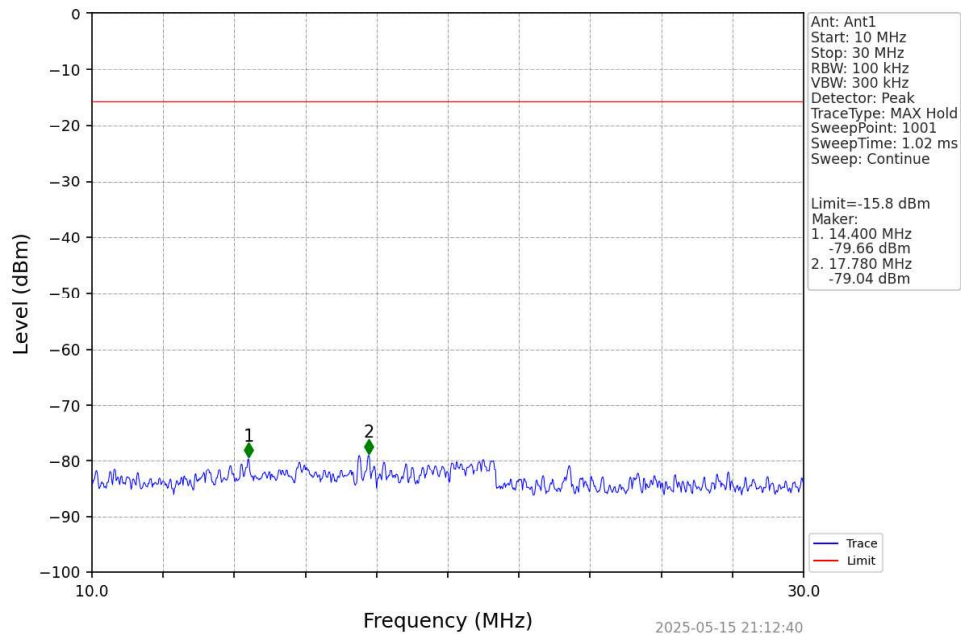
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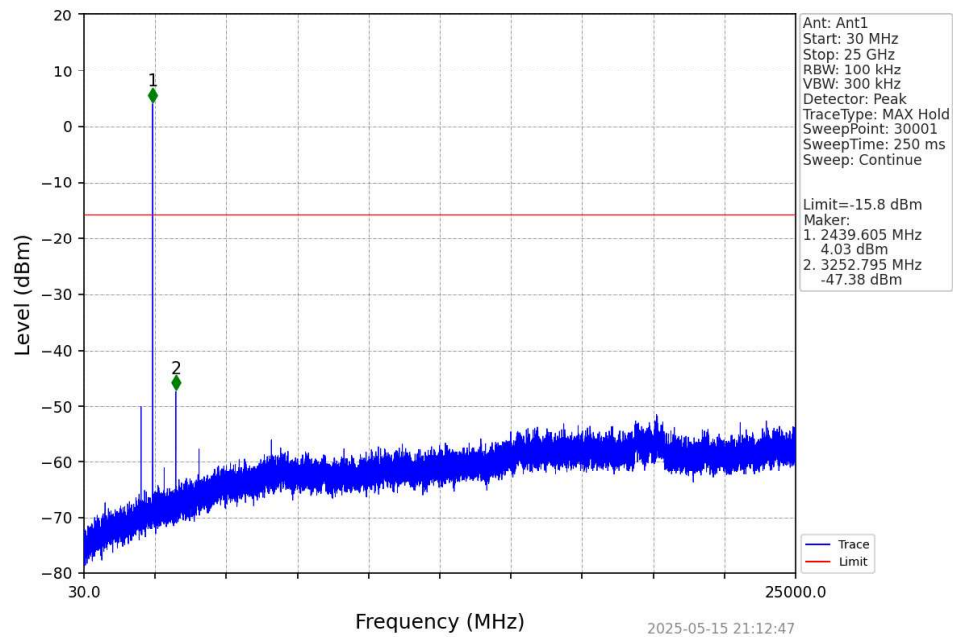
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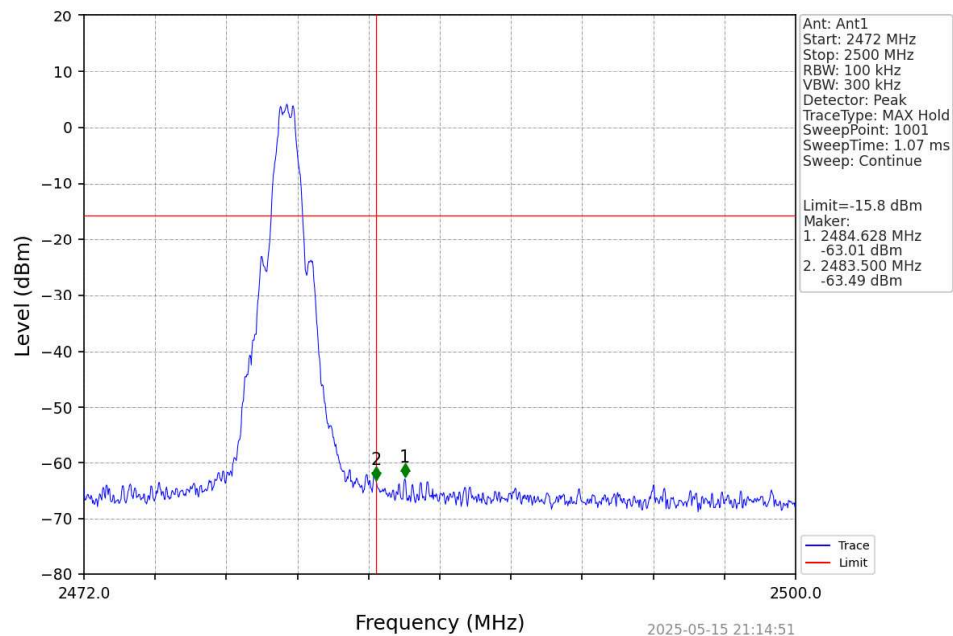
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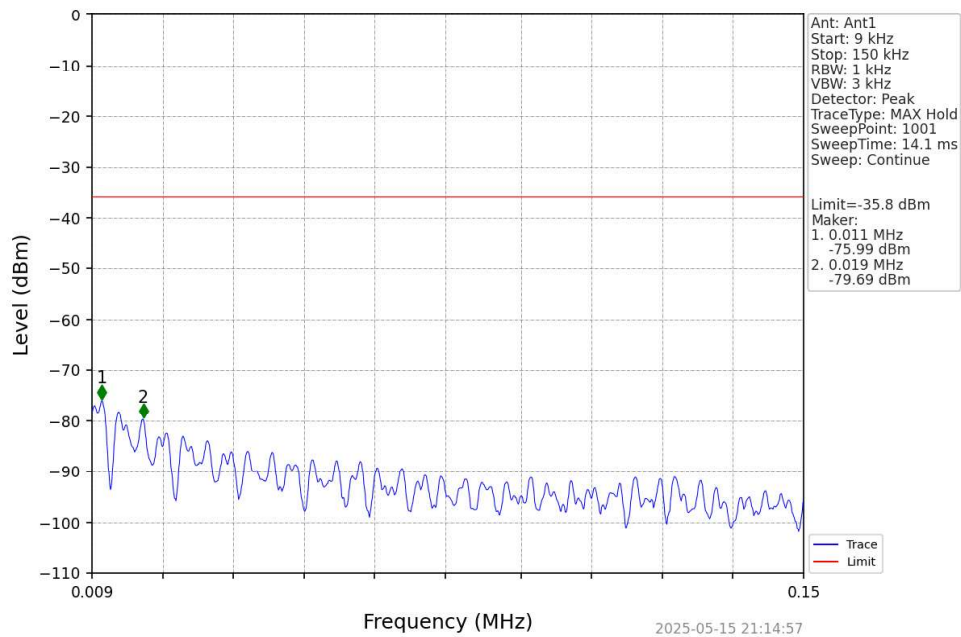
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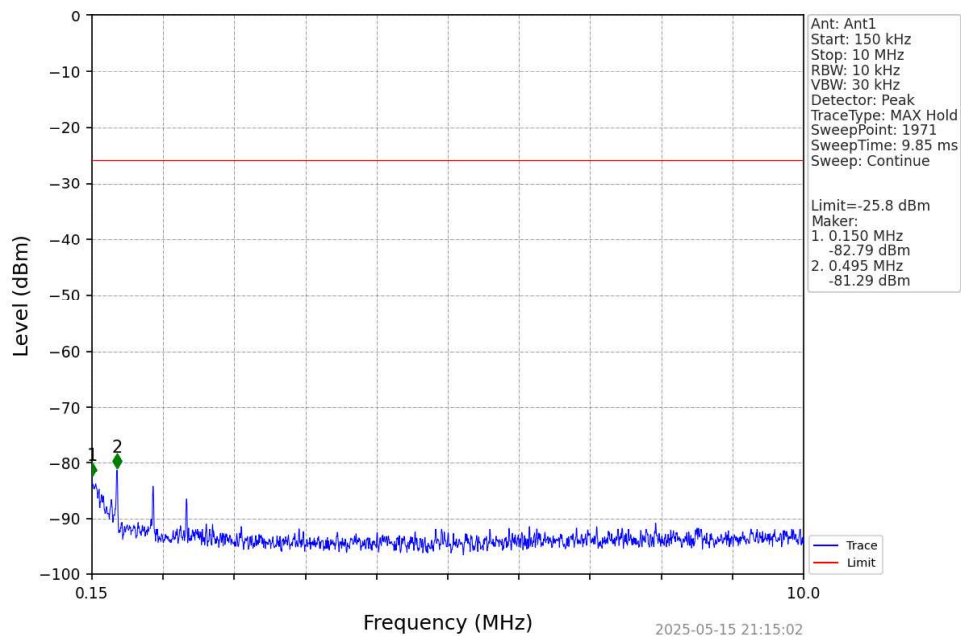
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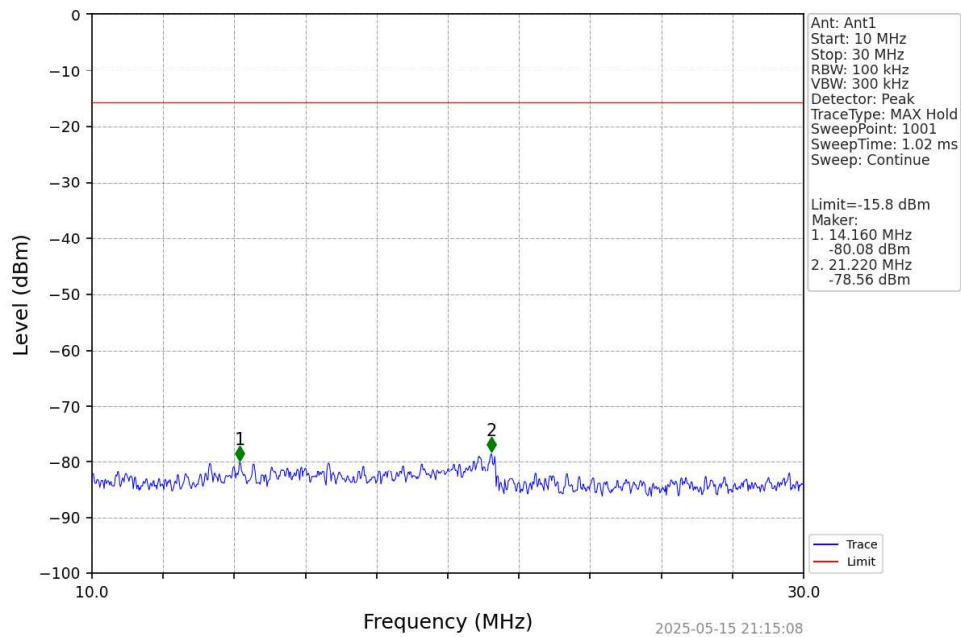
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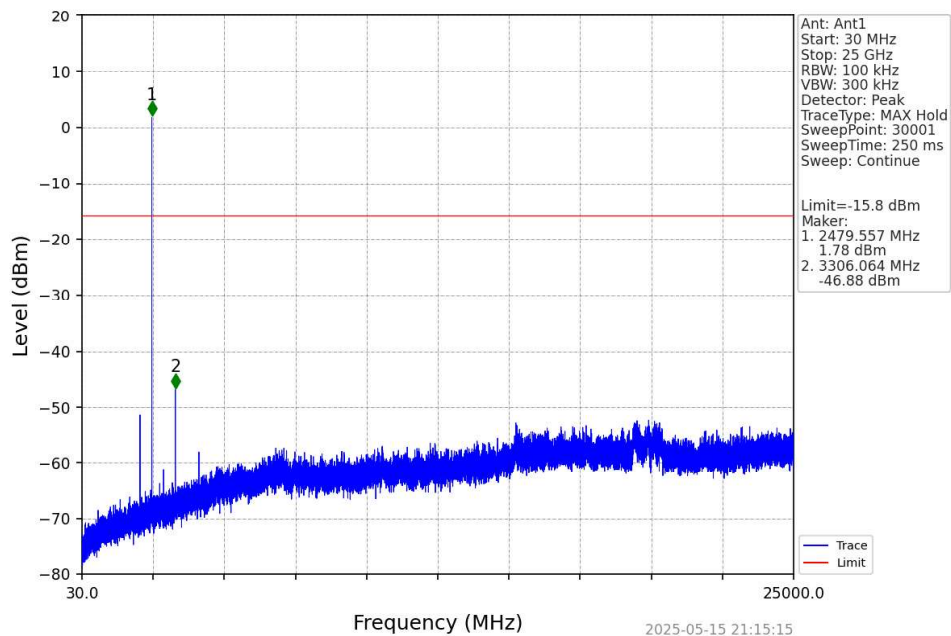
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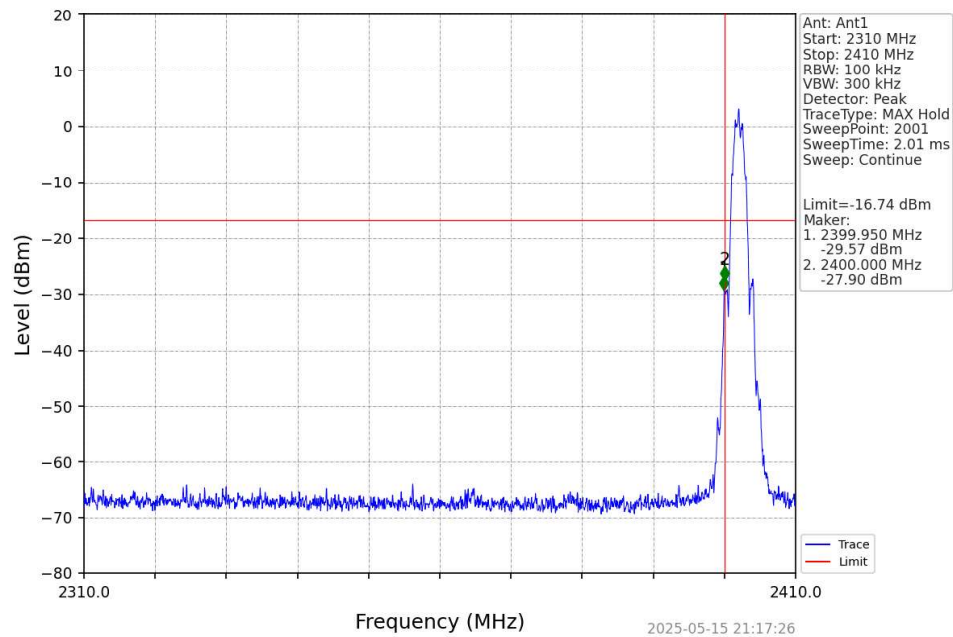
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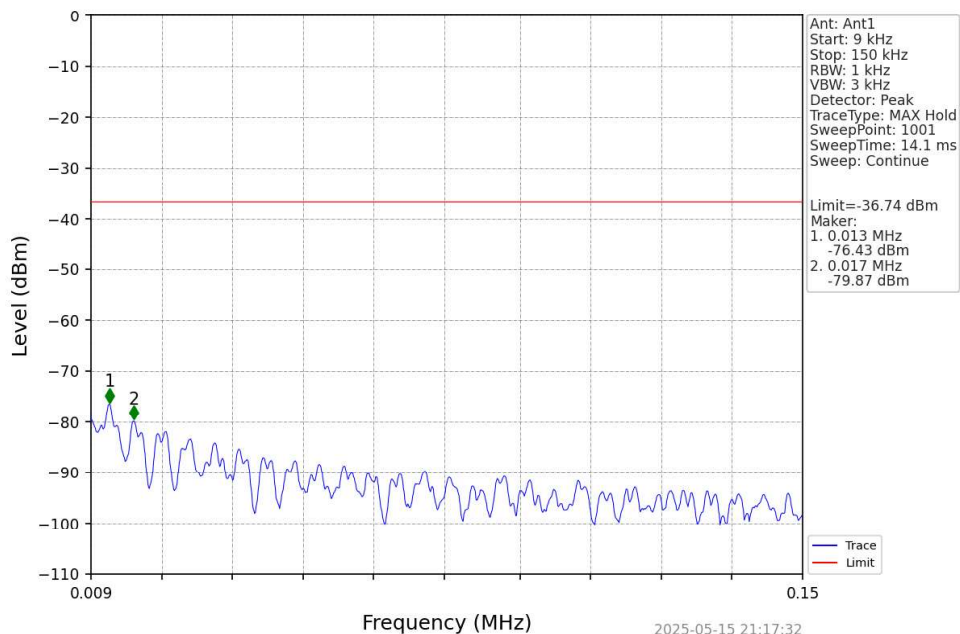
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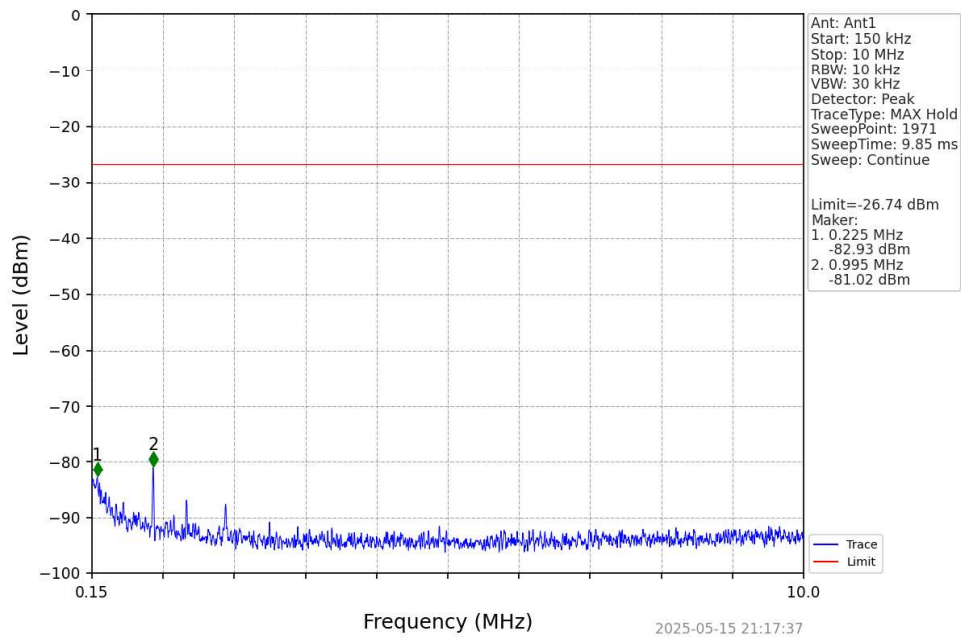
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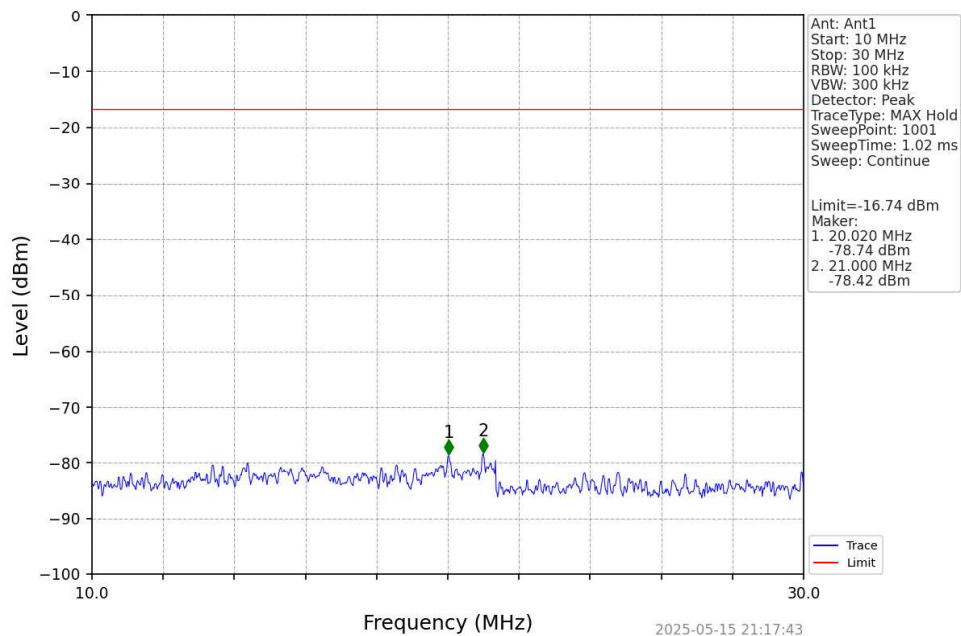
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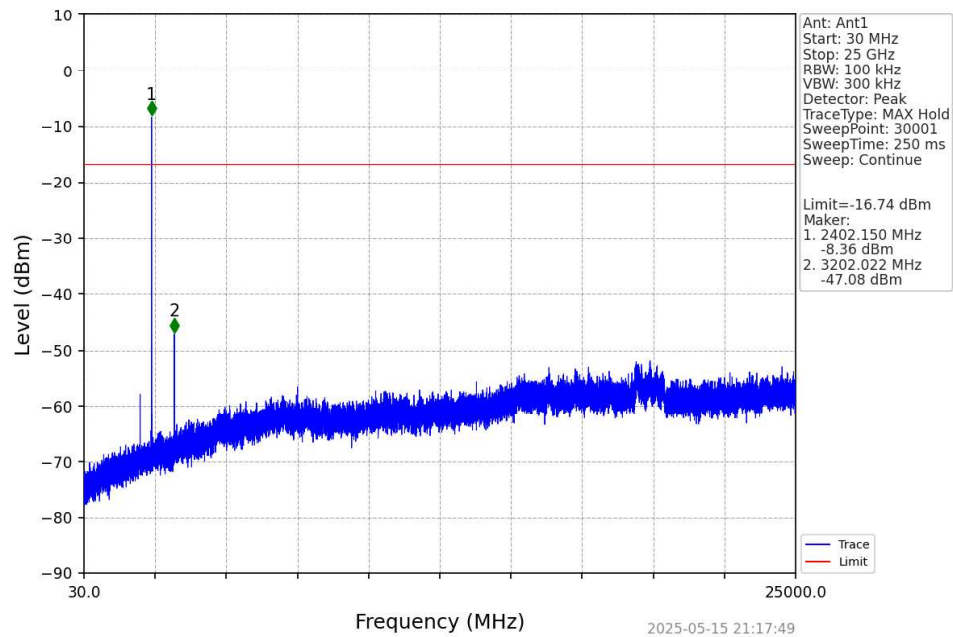
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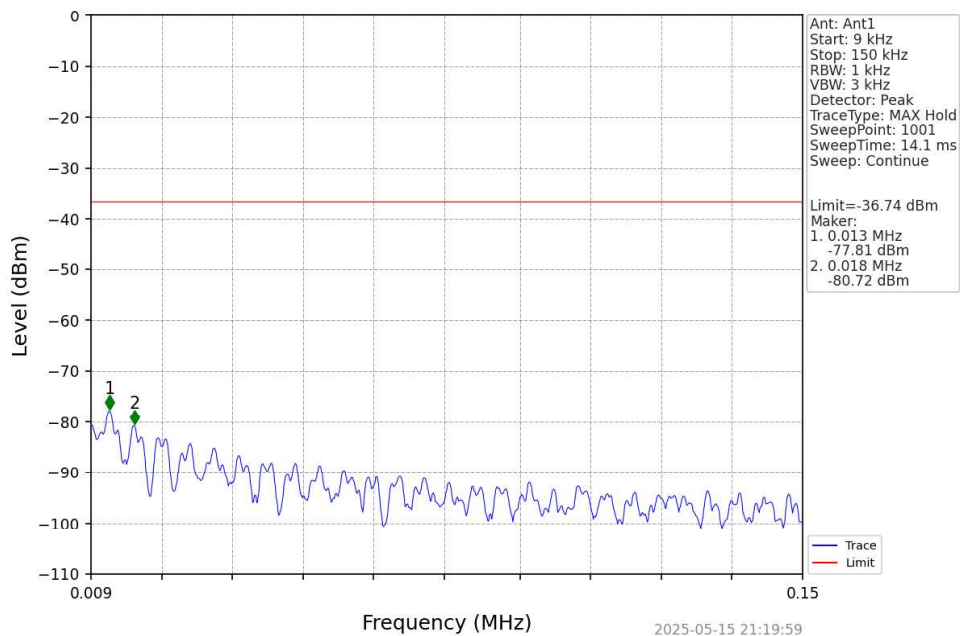
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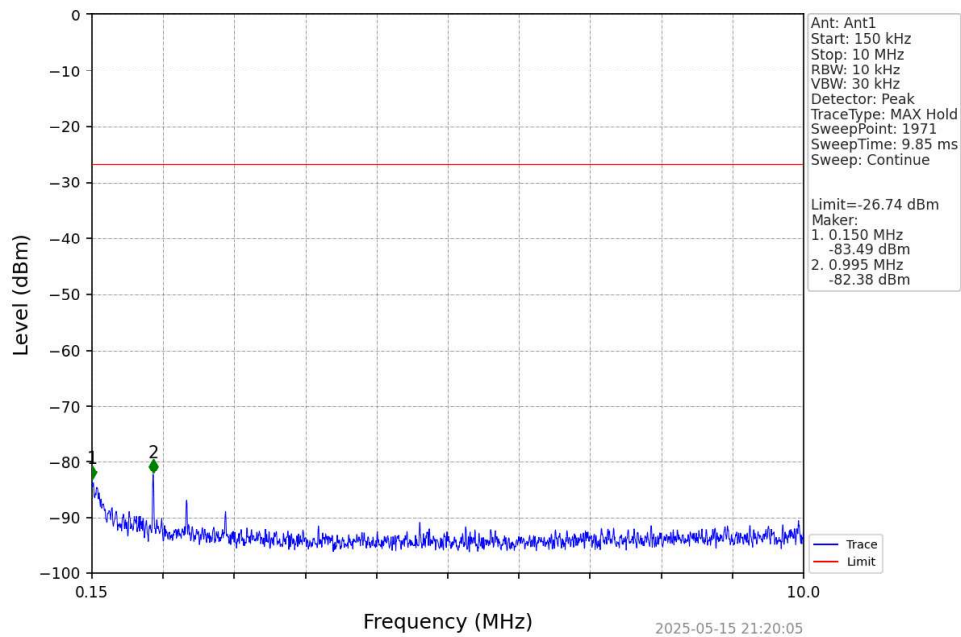
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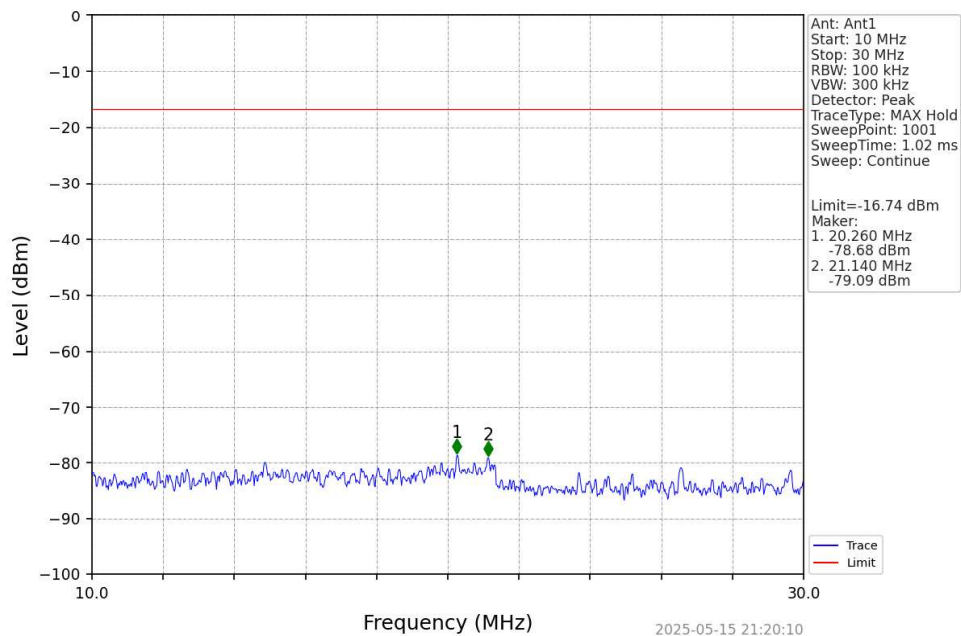
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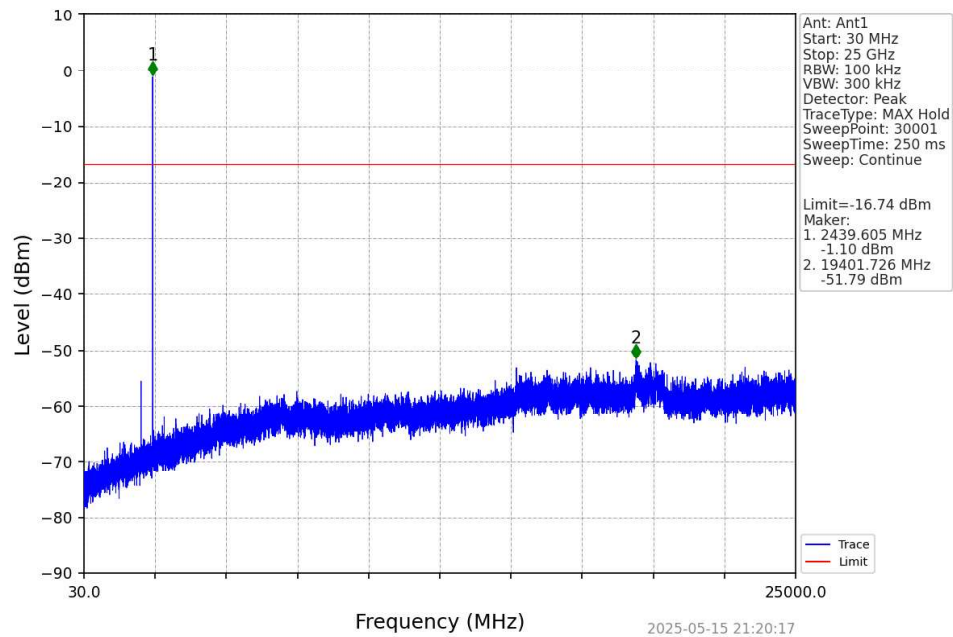
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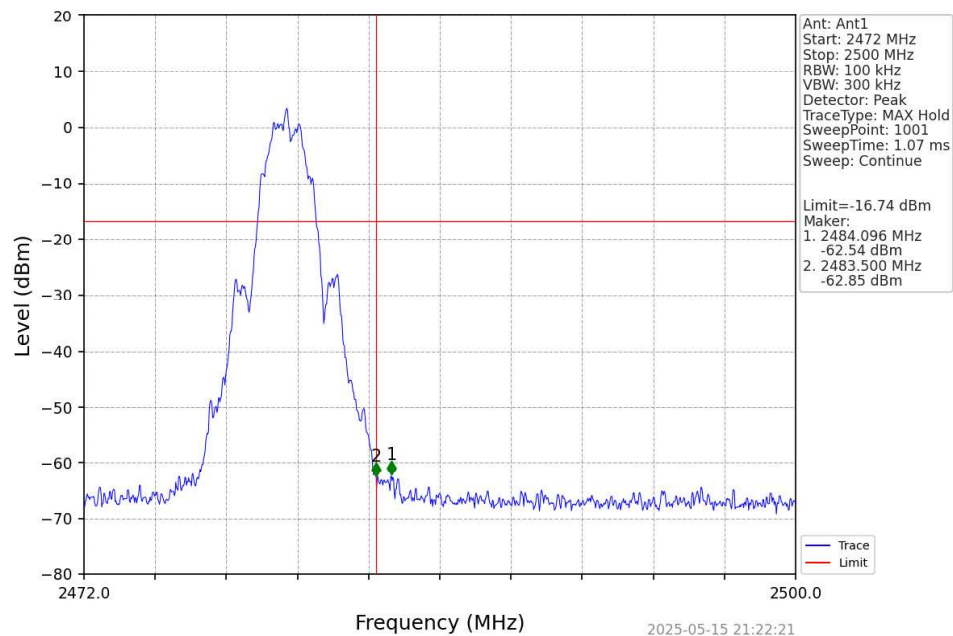
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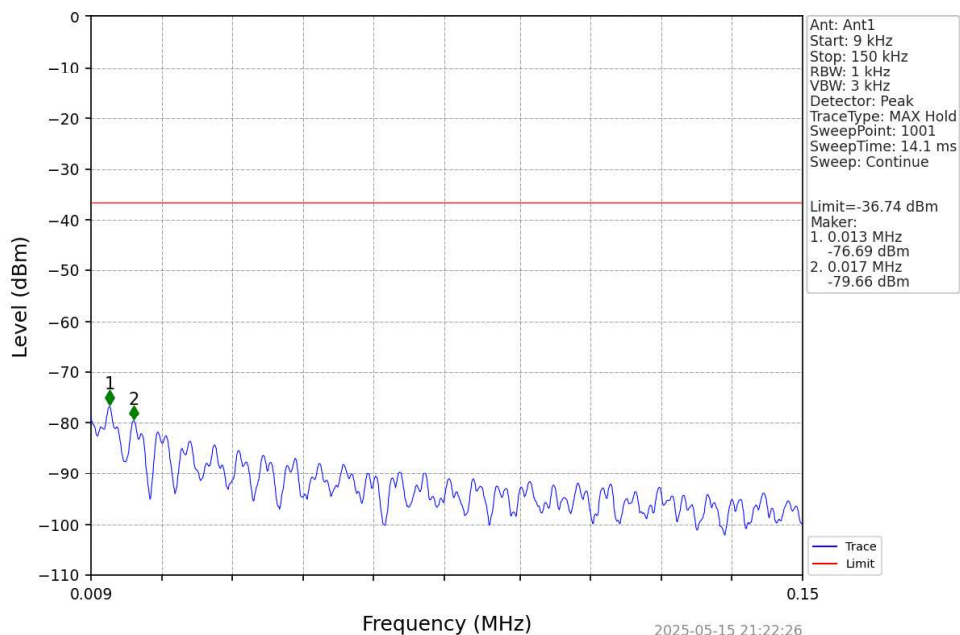
2M_MCH_2440MHz_Ant1_NTNV



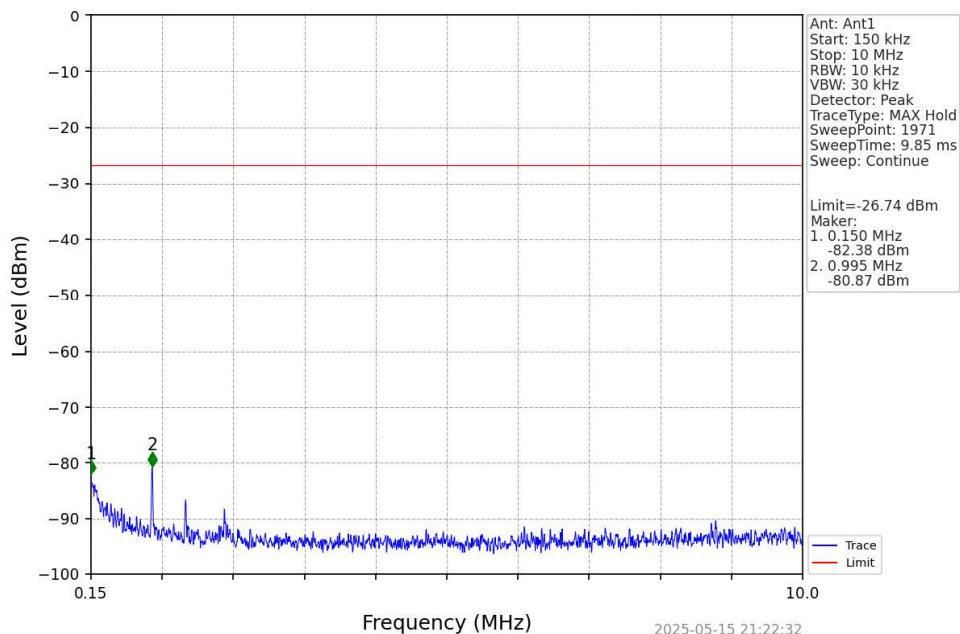
2M_HCH_2480MHz_Ant1_NTNV



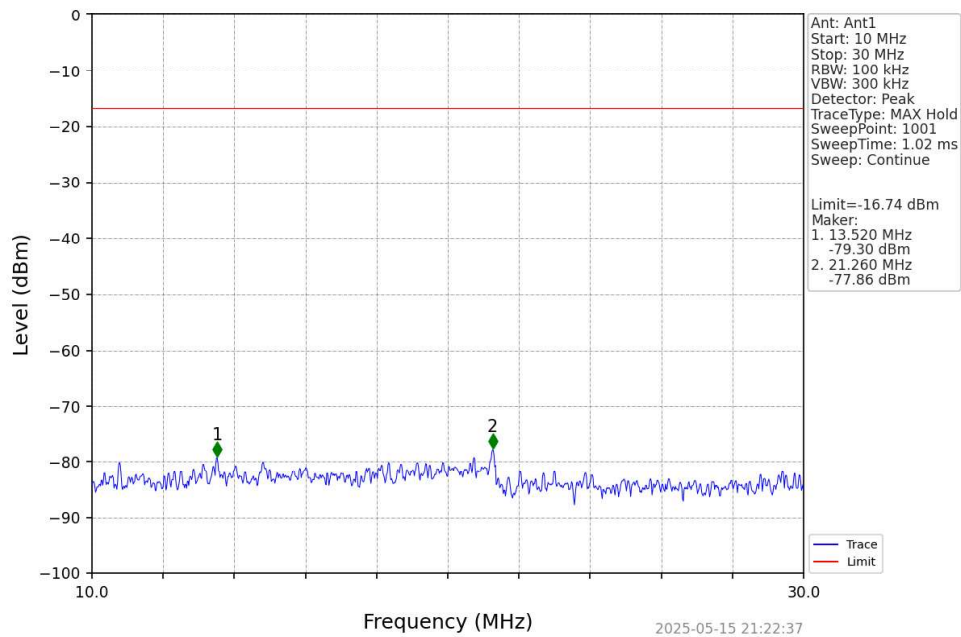
2M_HCH_2480MHz_Ant1_NTNV



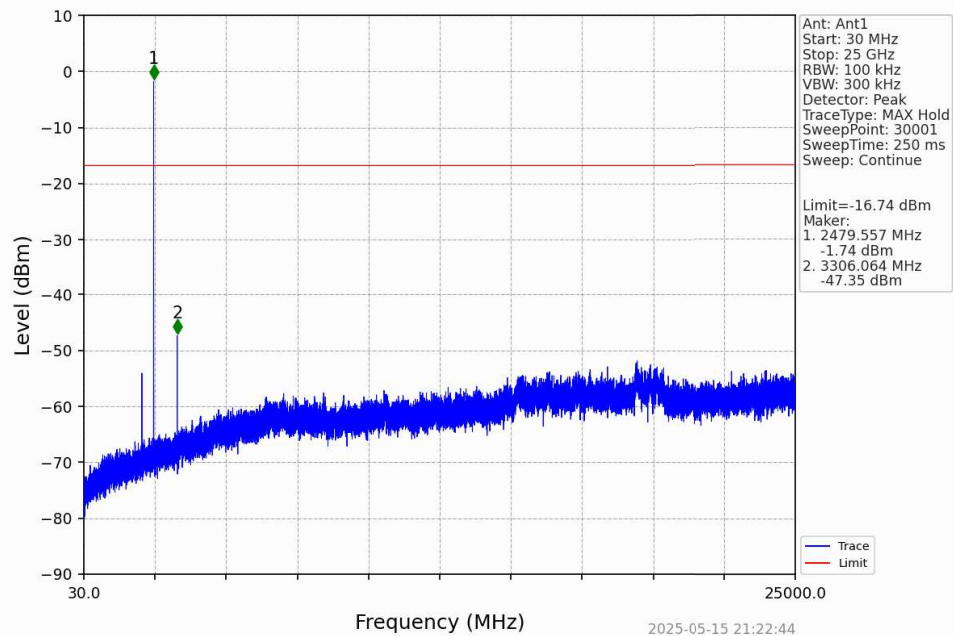
2M_HCH_2480MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_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. Antenna 2, 1MB data rate was worst case performed.

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 1 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

SGS EMC Laboratory, Suwanee, GA

Environmental Conditions	30-1000MHz	1-26GHz	16-May-25
Temperature:	23.08 °C	22.21 °C	23.01 °C
Relative Humidity:	44.5 %	39.7 %	42.5 %
Atmospheric Pressure:	97.45 kPa	97.45 kPa	97.61 kPa

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	ECHELON	24022	15-Nov-2024	15-Nov-2025
N-FEMALE TO N-MALE RF CABLE	EM-B810NMNF-118	ECHELON	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: 17-Dec-2024

Tester: ZH

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	ECHELON	24022	15-Nov-2024	15-Nov-2025
N-FEMALE TO N-MALE RF CABLE	EM-B810NMNF-118	ECHELON	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
RF CABLE	SF106	HUBER & SUHNER	B085888	7-Aug-2024	7-Aug-2025
LOW NOISE AMPLIFIER	ZKL-2+	MINI-CIRCUITS	B079817	7-Aug-2024	7-Aug-2025
EMI TEST RECEIVER	ESW44	ROHDE & SCHWARZ	22032	15-Nov-2023	18-Dec-2025

1-18GHz

Test End Date: 9-Dec-2024

Tester: PL, ZH

Equipment	Model	Manufacturer	Asset	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	ECHELON	24022	15-Nov-2024	15-Nov-2025
N to N RF Cable	90-076-020	TELEDYNE STORM MICROWAVE	22037	26-Dec-2023	26-Dec-2024
LOW NOISE AMPLIFIER	TS-PR18	ROHDE & SCHWARZ	B094463	5-Jul-2024	5-Jul-2025
EMI TEST RECEIVER	ESW44	ROHDE & SCHWARZ	22032	15-Nov-2023	15-Dec-2024
FILTER, HIGH PASS, >2800MHZ	HPM50111	MICRO-TRONICS	22017	14-Jun-2024	14-Jun-2025

18-26GHz

Test End Date: 9-Dec-2024

Tester: ZH

Equipment	Model	Manufacturer	Asset	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	22032	15-Nov-2023	15-Dec-2024

9kHz-30MHz

Test End Date: 16-May-2025

Tester: DA

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	ECHELON	24022	15-Nov-2024	15-Nov-2025
EMI TEST RECEIVER	ESW44	ROHDE & SCHWARZ	22032	15-Nov-2023	18-Dec-2025

30-1000MHz

Test End Date: 16-May-2025 / 25-June-2025

Tester: DA

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	ECHELON	24022	15-Nov-2024	15-Nov-2025
EMI TEST RECEIVER	ESW44	ROHDE & SCHWARZ	22032	15-Nov-2023	18-Dec-2025

1-18GHz

Test End Date: 16-May-2025

Tester: DA

Equipment	Model	Manufacturer	Asset	Cal Date	Cal Due Date
ANTENNA, DRG HORN (MEDIUM)	3117	ETS LINDGREN	B079691	2-Aug-2024	1-Aug-2026
N to N RF Cable	EM-B810NM-276	ECHELON	24022	15-Nov-2024	15-Nov-2025
N to N RF Cable	90-076-020	TELEDYNE STORM MICROWAVE	22037	26-Dec-2023	26-Dec-2024
LOW NOISE AMPLIFIER	TS-PR18	ROHDE & SCHWARZ	15003	8-Oct-2024	7-Oct-2025
EMI TEST RECEIVER	ESW44	ROHDE & SCHWARZ	22032	15-Nov-2023	15-Dec-2024
FILTER, HIGH PASS, >2800MHZ	HPM50111	MICRO-TRONICS	22017	14-Jun-2024	14-Jun-2025

18-26GHz

Test End Date: 16-May-2025

Tester: DA

Equipment	Model	Manufacturer	Asset	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	03-Apr-2025	03-Apr-2026
RF CABLE SMA	HULL150A-29P-29P-36	HASCO COMPONENTS	19101	03-Apr-2025	03-Apr-2026
LOW NOISE AMPLIFIER	NSP1840-HG	MITEQ	B087572	21-Oct-2024	21-Oct-2025
EMI TEST RECEIVER	ESW44	ROHDE & SCHWARZ	22032	15-Nov-2023	18-Dec-2025

Test End Date: 15-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	ECHELON	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

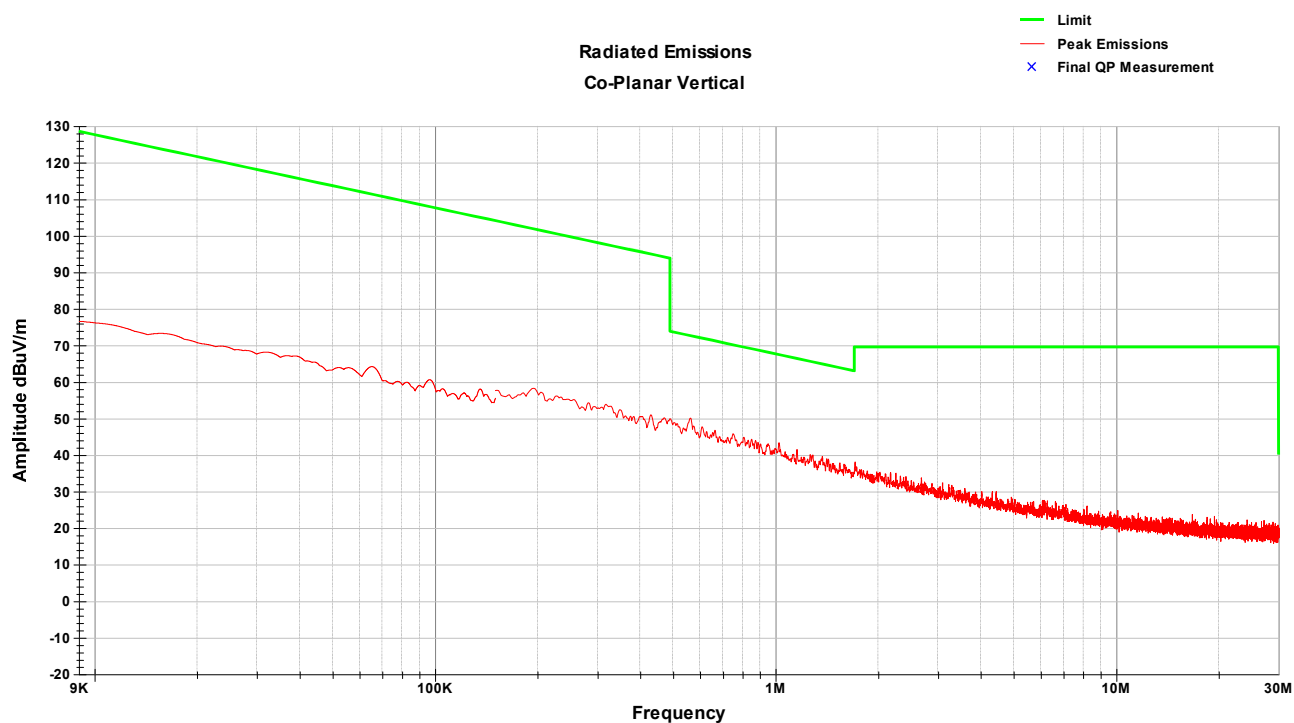
LOW NOISE AMPLIFIER	TS-PR18	ROHDE & SCHWARZ	B094463	3-Jul-2025	3-Jul-2026
EMI TEST RECEIVER	ESW44	ROHDE & SCHWARZ	22032	2-Jan-2025	2-Jan-2026
FILTER, HIGH PASS, >6250MHZ	HPM50112	MICRO-TRONICS	B093647	3-Jul-2025	3-Jul-2026

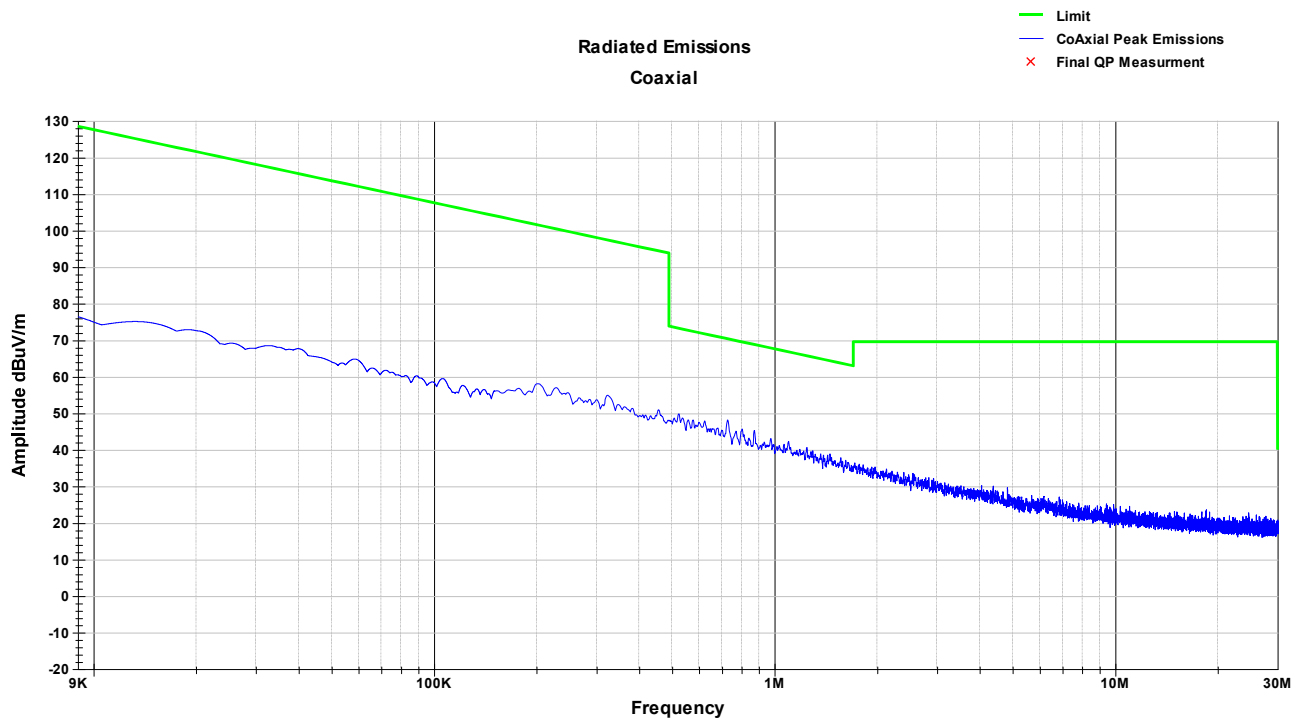
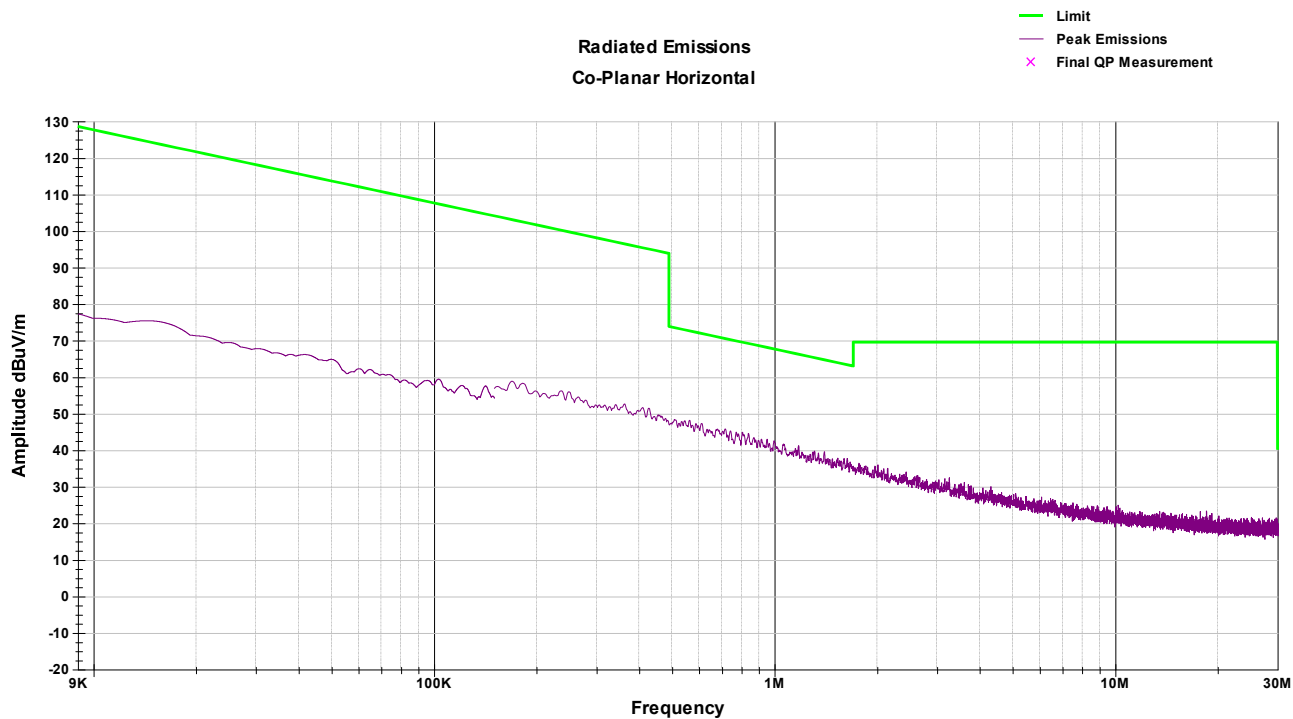
7.5 Test Data

7.5.1 Antenna 2

9kHz-30MHz

9kHz-30MHz – Low Channel

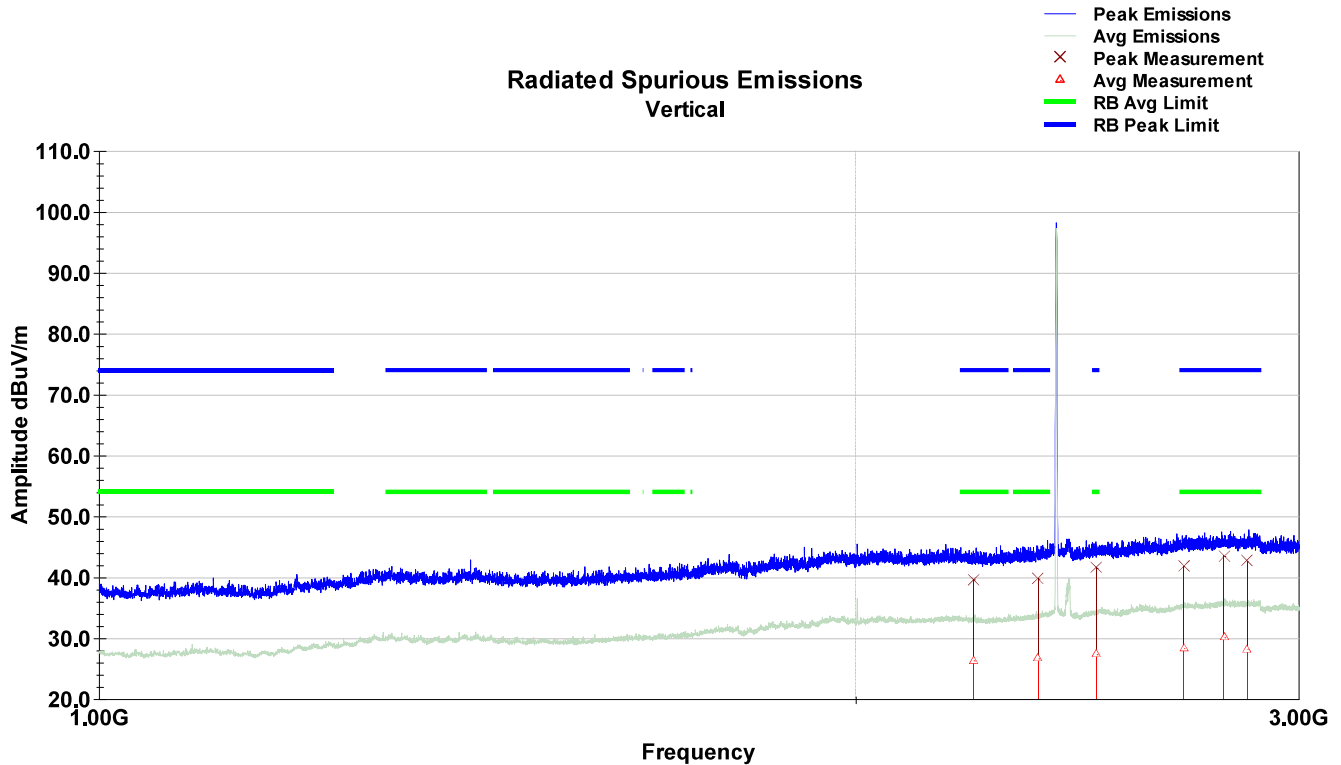




30MHz to 1 GHz – Low Channel

- This frequency range does not show any significant difference between different chains, channels and/or orientation. Worst case plot shown on Mid Channel – Ch 19.

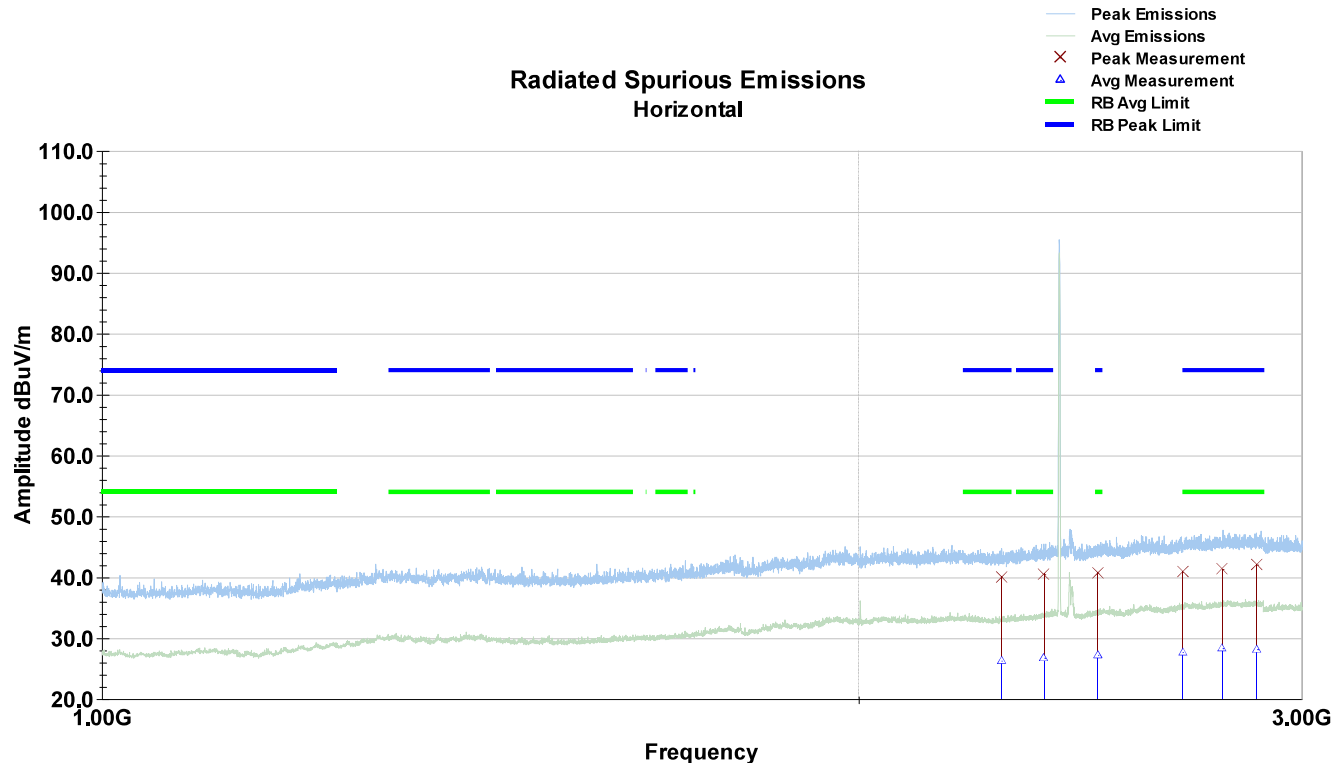
1-3GHz Vertical Plot – Low channel



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)
2228.12	41.0	V	0.0	184.0	31.3	1.9	0.0	34.5	39.7	74.0	-34.3
2363.88	40.7	V	78.0	111.0	31.6	2.0	0.0	34.5	39.8	74.0	-34.2
2493.40	41.8	V	345.0	138.0	31.9	2.0	0.0	34.2	41.5	74.0	-32.5
2701.24	41.4	V	336.0	182.0	32.4	2.1	0.0	34.0	41.8	74.0	-32.2
2802.20	43.0	V	104.0	169.0	32.5	2.1	0.0	34.1	43.5	74.0	-30.5
2862.80	42.5	V	3.0	226.0	32.4	2.2	0.0	34.4	42.6	74.0	-31.4
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

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
2228.12	27.7	V	0.0	184.0	31.3	1.9	0.0	34.5	26.4	54.0	-27.6
2363.88	27.7	V	78.0	111.0	31.6	2.0	0.0	34.5	26.7	54.0	-27.3
2493.40	27.6	V	345.0	138.0	31.9	2.0	0.0	34.2	27.4	54.0	-26.6
2701.24	27.9	V	336.0	182.0	32.4	2.1	0.0	34.0	28.4	54.0	-25.6
2802.20	29.7	V	104.0	169.0	32.5	2.1	0.0	34.1	30.2	54.0	-23.8
2862.80	28.1	V	3.0	226.0	32.4	2.2	0.0	34.4	28.3	54.0	-25.7
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

1-3GHz Horizontal Plot – Low channel



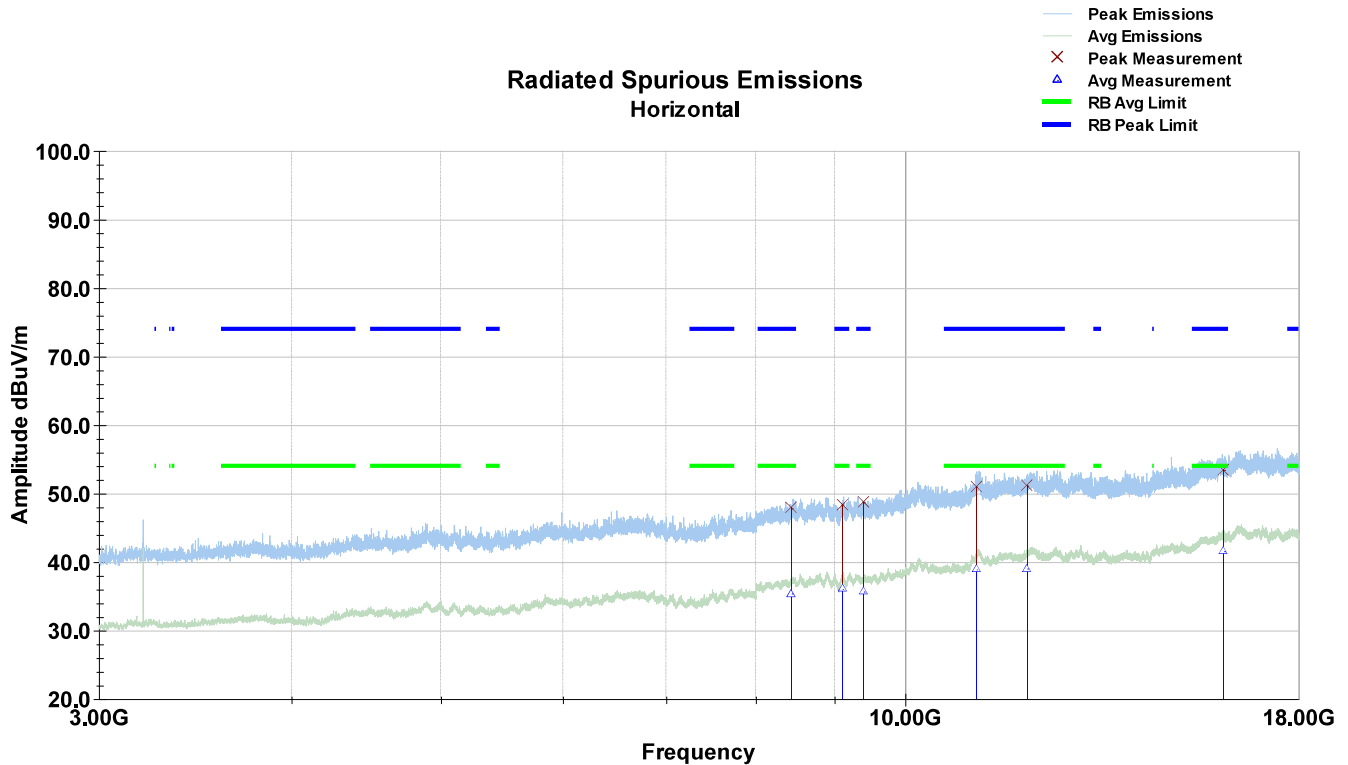
Peak

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
2279.00	41.4	H	211.0	196.0	31.1	1.9	0.0	34.4	40.1	74.0	-33.9
2370.00	41.4	H	151.0	112.0	31.7	2.0	0.0	34.5	40.5	74.0	-33.5
2490.00	41.1	H	91.0	100.0	31.9	2.0	0.0	34.2	40.8	74.0	-33.2
2690.00	40.5	H	241.0	217.0	32.4	2.1	0.0	34.1	40.9	74.0	-33.1
2790.00	40.9	H	358.0	196.0	32.5	2.1	0.0	34.2	41.3	74.0	-32.7
2880.00	41.9	H	219.0	190.0	32.4	2.2	0.0	34.4	42.1	74.0	-31.9
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)
2279.00	27.6	H	211.0	196.0	31.1	1.9	0.0	34.4	26.3	54.0	-27.7
2370.00	27.6	H	151.0	112.0	31.7	2.0	0.0	34.5	26.8	54.0	-27.2
2490.00	27.5	H	91.0	100.0	31.9	2.0	0.0	34.2	27.2	54.0	-26.7
2690.00	27.4	H	241.0	217.0	32.4	2.1	0.0	34.1	27.7	54.0	-26.3
2790.00	27.9	H	358.0	196.0	32.5	2.1	0.0	34.2	28.4	54.0	-25.6
2880.00	28.0	H	219.0	190.0	32.4	2.2	0.0	34.4	28.2	54.0	-25.8
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

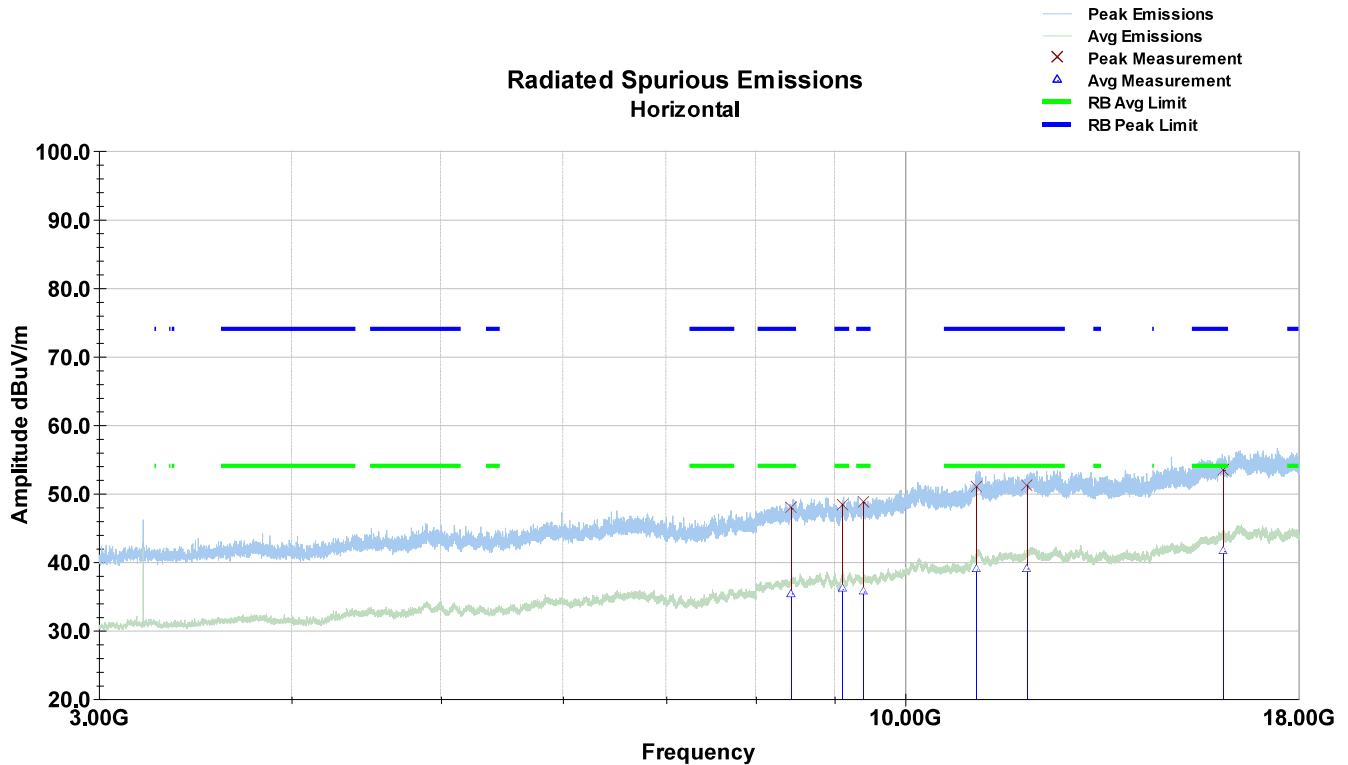
3-18GHz Vertical Plot – Low channel



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)
9103.04	42.5	V	8.0	152.0	36.4	3.5	0.0	34.0	48.5	74.0	-25.5
9442.12	42.8	V	340.0	221.0	36.7	3.6	0.0	34.8	48.3	74.0	-25.7
11133.52	43.9	V	208.0	146.0	38.6	4.3	0.0	35.2	51.7	74.0	-22.3
12102.56	44.1	V	241.0	226.0	39.2	4.4	0.0	36.0	51.8	74.0	-22.2
15983.16	44.0	V	198.0	216.0	40.9	5.1	0.0	35.9	54.1	74.0	-19.9
17853.28	45.3	V	61.0	117.0	41.0	5.5	0.0	36.7	55.0	74.0	-19.0
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

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
9103.04	30.2	V	8.0	152.0	36.4	3.5	0.0	34.0	36.2	54.0	-17.8
9442.12	30.2	V	340.0	221.0	36.7	3.6	0.0	34.8	35.7	54.0	-18.3
11133.52	31.1	V	208.0	146.0	38.6	4.3	0.0	35.2	38.9	54.0	-15.1
12102.56	31.8	V	241.0	226.0	39.2	4.4	0.0	36.0	39.4	54.0	-14.5
15983.16	31.7	V	198.0	216.0	40.9	5.1	0.0	35.9	41.8	54.0	-12.2
17853.28	32.5	V	61.0	117.0	41.0	5.5	0.0	36.7	42.3	54.0	-11.7
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

3-18GHz Horizontal Plot – Low channel



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
8440.00	42.6	H	223.0	187.0	35.9	3.7	0.0	34.4	47.9	74.0	-26.1
9110.00	42.7	H	10.0	125.0	36.4	3.6	0.0	34.2	48.4	74.0	-25.6
9400.00	43.3	H	99.0	122.0	36.7	3.6	0.0	34.9	48.7	74.0	-25.3
11130.00	43.3	H	99.0	234.0	38.6	4.3	0.0	35.2	51.0	74.0	-23.0
12000.00	43.5	H	279.0	100.0	39.1	4.4	0.0	35.9	51.2	74.0	-22.8
16100.00	43.6	H	315.0	201.0	40.9	4.9	0.0	35.9	53.5	74.0	-20.5
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

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)
8440.00	30.1	H	223.0	187.0	35.9	3.7	0.0	34.4	35.4	54.0	-18.6
9110.00	30.3	H	10.0	125.0	36.4	3.6	0.0	34.2	36.1	54.0	-17.9
9400.00	30.3	H	99.0	122.0	36.7	3.6	0.0	34.9	35.7	54.0	-18.3
11130.00	31.2	H	99.0	234.0	38.6	4.3	0.0	35.2	38.9	54.0	-15.1
12000.00	31.4	H	279.0	100.0	39.1	4.4	0.0	35.9	39.1	54.0	-14.9
16100.00	31.7	H	315.0	201.0	40.9	4.9	0.0	35.9	41.6	54.0	-12.4
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

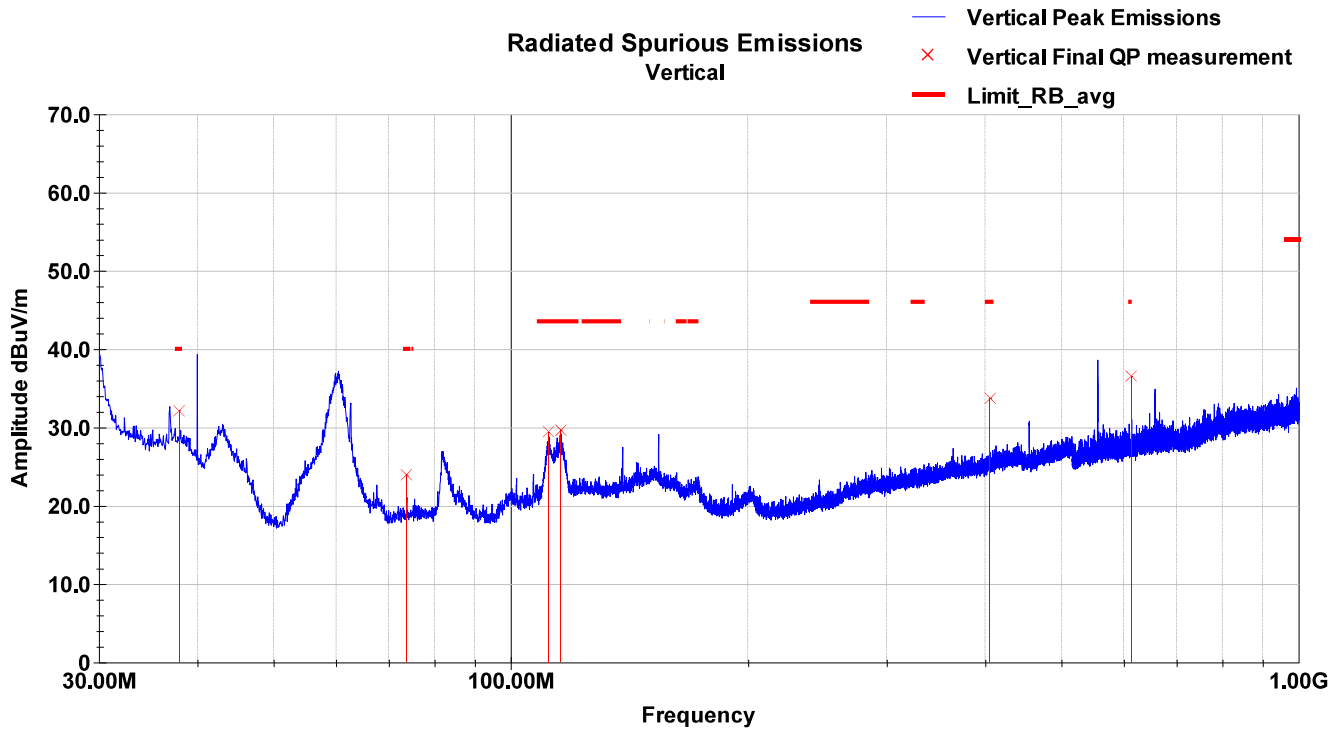
18-26GHz – Low Channel

- This frequency range does not show any significant difference between different chains, channels and/or orientation. Worst case plot shown on Mid Channel – Ch 19.

9kHz-30MHz – Mid Channel

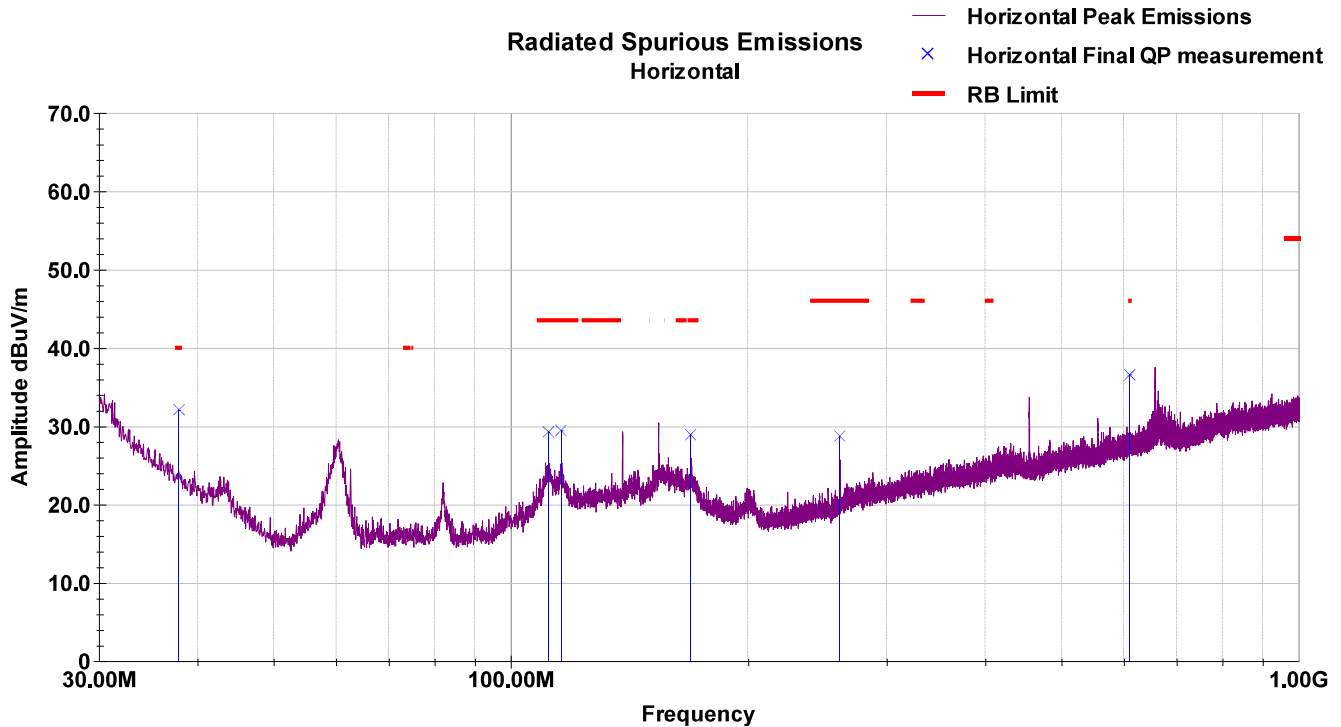
- This frequency range does not show any significant difference between different chains, channels and/or orientation. Worst case plot shown on Low Channel – Ch 0.

30-1000 MHz Vertical Plot – Mid channel



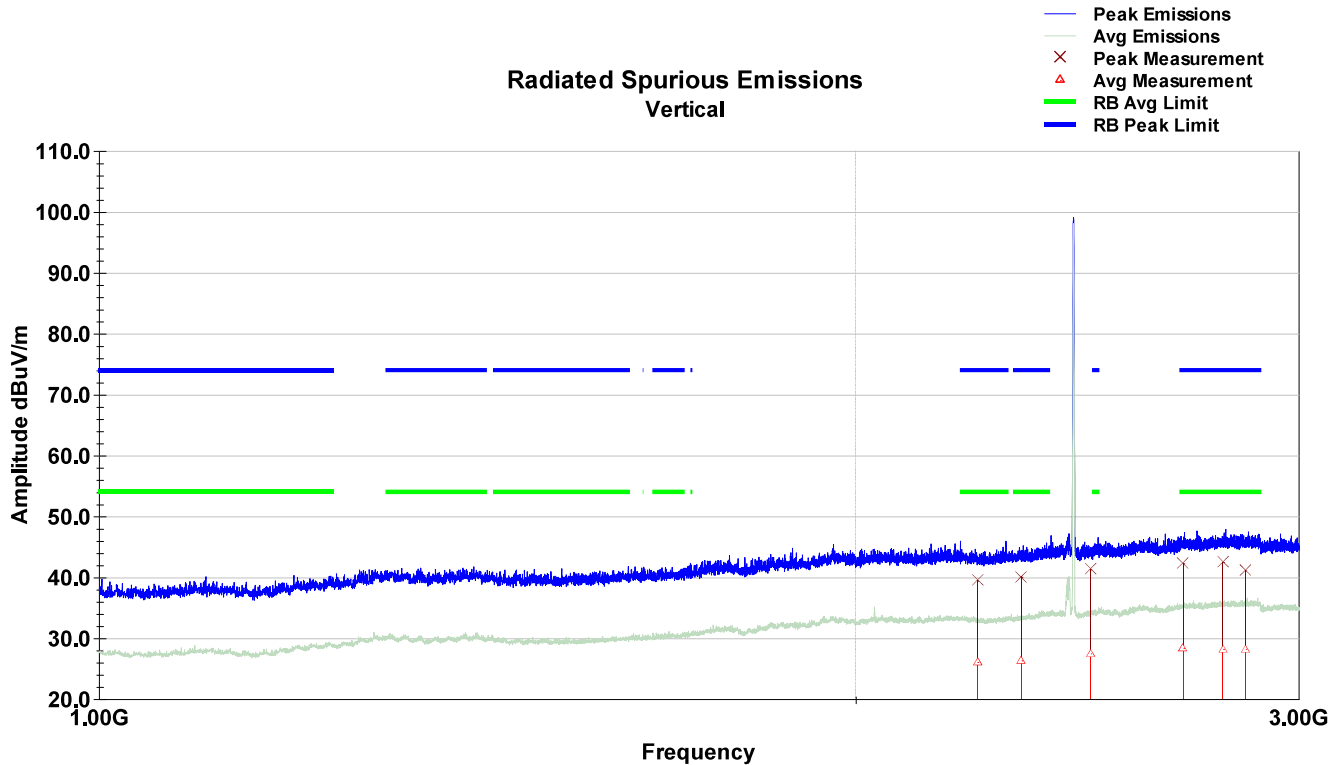
Frequency MHz	Raw QP (dBuV)	Polarity (V/H)	Azimuth (degrees)	Height (cm)	AF (dB/m)	Loss (dB)	Amp (dB)	QP Value (dBuV/m)	Limit (dBuV/m)	Margin (dB)
37.93	12.0	V	360.0	145.0	20.0	0.2	0.0	32.2	40.0	-7.8
73.73	11.4	V	15.0	152.0	12.3	0.3	0.0	24.0	40.0	-16.0
111.51	12.0	V	254.0	100.0	17.0	0.3	0.0	29.4	43.5	-14.1
115.63	11.8	V	183.0	114.0	17.5	0.3	0.0	29.7	43.5	-13.8
405.66	12.4	V	350.0	114.0	20.5	0.7	0.0	33.7	46.0	-12.3
613.05	11.7	V	139.0	174.0	23.9	0.8	0.0	36.5	46.0	-9.5
QP Value = Raw QP + AF + Loss - Amp										
Margin = QP Value - Limit										

30-1000 MHz Horizontal Plot – Mid channel



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)
37.90	11.9	H	216.0	100.0	20.0	0.2	0.0	32.1	40.0	-7.9
111.74	11.8	H	94.0	144.0	17.0	0.3	0.0	29.3	43.5	-14.2
115.99	11.6	H	243.0	280.0	17.5	0.3	0.0	29.5	43.5	-14.0
169.14	12.0	H	-1.0	263.0	16.5	0.4	0.0	28.9	43.5	-14.6
261.56	11.1	H	-1.0	276.0	17.0	0.5	0.0	28.7	46.0	-17.3
610.73	11.8	H	233.0	218.0	23.9	0.8	0.0	36.6	46.0	-9.4
QP Value = Raw QP + AF + Loss - Amp										
Margin = QP Value - Limit										

1-3GHz Vertical Plot – Mid channel



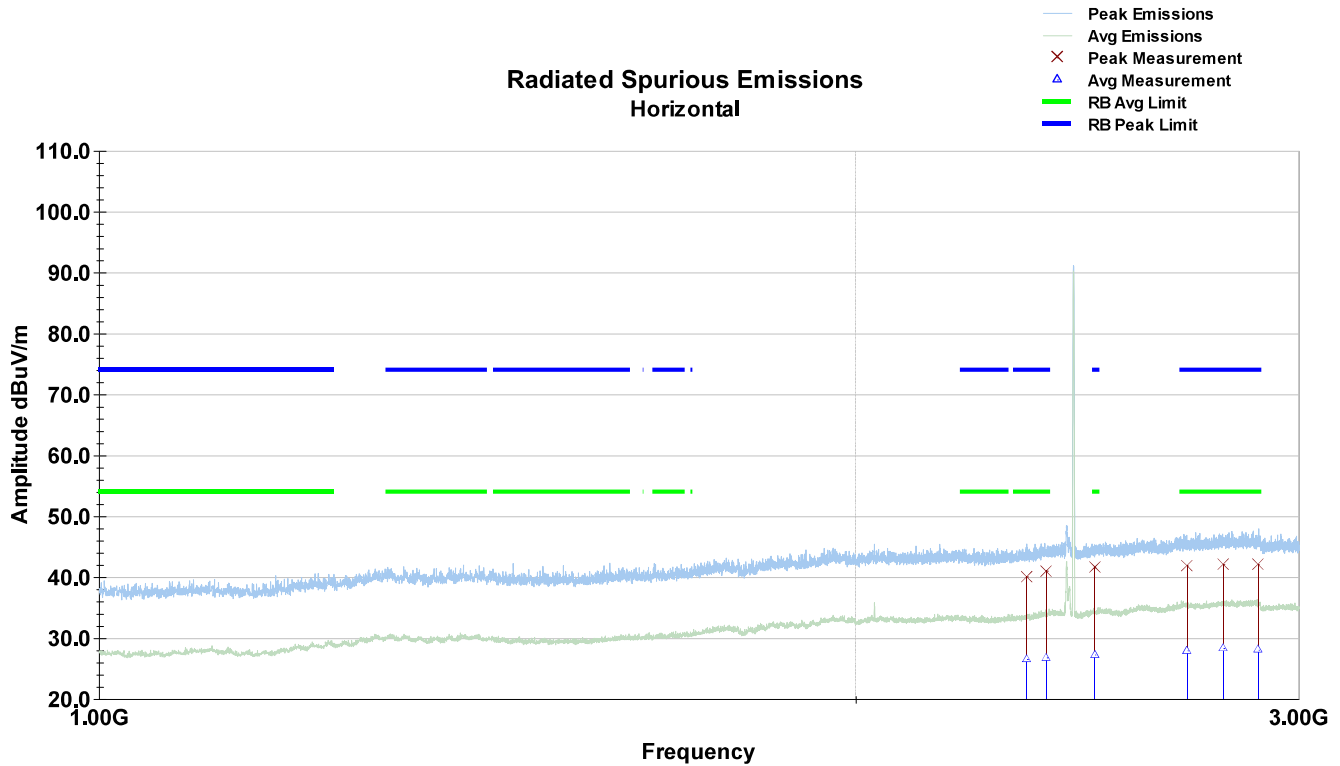
Peak

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)
2235.16	40.9	V	11.0	241.0	31.2	1.9	0.0	34.5	39.5	74.0	-34.5
2327.28	41.3	V	244.0	225.0	31.3	2.0	0.0	34.5	40.1	74.0	-33.9
2480.36	41.7	V	65.0	231.0	32.0	2.0	0.0	34.4	41.3	74.0	-32.7
2699.32	41.8	V	139.0	150.0	32.4	2.1	0.0	34.0	42.3	74.0	-31.7
2799.08	42.0	V	129.0	157.0	32.5	2.1	0.0	34.1	42.5	74.0	-31.5
2858.48	40.9	V	335.0	183.0	32.4	2.2	0.0	34.4	41.1	74.0	-32.9
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	Final Avg dBuV/m	Limit dBuV/m	Margin dB
2235.16	27.5	V	11.0	241.0	31.2	1.9	0.0	34.5	26.1	54.0	-27.8
2327.28	27.6	V	244.0	225.0	31.3	2.0	0.0	34.5	26.3	54.0	-27.6
2480.36	27.9	V	65.0	231.0	32.0	2.0	0.0	34.4	27.5	54.0	-26.5
2699.32	27.9	V	139.0	150.0	32.4	2.1	0.0	34.0	28.4	54.0	-25.6
2799.08	27.8	V	129.0	157.0	32.5	2.1	0.0	34.1	28.3	54.0	-25.7
2858.48	28.1	V	335.0	183.0	32.4	2.2	0.0	34.4	28.3	54.0	-25.7
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

1-3GHz Horizontal Plot – Mid channel



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
2339.00	41.3	H	211.0	179.0	31.4	2.0	0.0	34.6	40.1	74.0	-33.9
2382.00	41.7	H	91.0	226.0	31.8	1.9	0.0	34.4	41.0	74.0	-33.0
2490.00	41.9	H	360.0	241.0	31.9	2.0	0.0	34.2	41.6	74.0	-32.4
2710.00	41.5	H	179.0	225.0	32.4	2.1	0.0	34.1	41.9	74.0	-32.1
2800.00	41.6	H	91.0	198.0	32.5	2.1	0.0	34.1	42.1	74.0	-31.9
2892.00	41.9	H	11.0	179.0	32.4	2.2	0.0	34.4	42.1	74.0	-31.9
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)
2339.00	27.7	H	211.0	179.0	31.4	2.0	0.0	34.6	26.6	54.0	-27.4
2382.00	27.4	H	91.0	226.0	31.8	1.9	0.0	34.4	26.8	54.0	-27.2
2490.00	27.6	H	360.0	241.0	31.9	2.0	0.0	34.2	27.3	54.0	-26.7
2710.00	27.6	H	179.0	225.0	32.4	2.1	0.0	34.1	28.0	54.0	-26.0
2800.00	27.8	H	91.0	198.0	32.5	2.1	0.0	34.1	28.3	54.0	-25.6
2892.00	27.9	H	11.0	179.0	32.4	2.2	0.0	34.4	28.1	54.0	-25.9
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

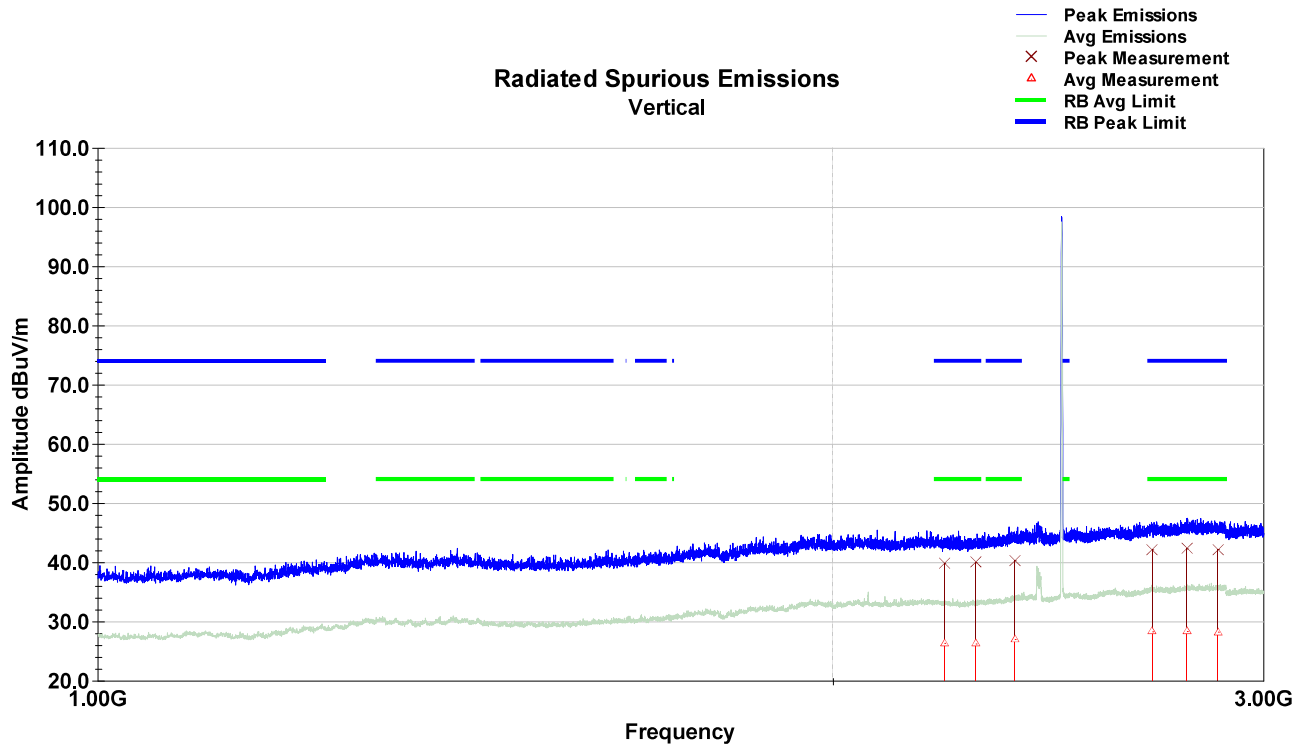
9kHz-30MHz – High Channel

- This frequency range does not show any significant difference between different chains, channels and/or orientation. Worst case plot shown on Low Channel – Ch 0.

30MHz-1000MHz – High Channel

- This frequency range does not show any significant difference between different chains, channels and/or orientation. Worst case plot shown on Low Channel – Ch 0.

1-3GHz – Vertical Plot- High Channel



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)
2228.12	41.0	V	0.0	184.0	31.3	1.9	0.0	34.5	39.7	74.0	-34.3
2363.88	40.7	V	78.0	111.0	31.6	2.0	0.0	34.5	39.8	74.0	-34.2
2493.40	41.8	V	345.0	138.0	31.9	2.0	0.0	34.2	41.5	74.0	-32.5
2701.24	41.4	V	336.0	182.0	32.4	2.1	0.0	34.0	41.8	74.0	-32.2
2802.20	43.0	V	104.0	169.0	32.5	2.1	0.0	34.1	43.5	74.0	-30.5
2862.80	42.5	V	3.0	226.0	32.4	2.2	0.0	34.4	42.6	74.0	-31.4
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
2228.12	27.7	V	0.0	184.0	31.3	1.9	0.0	34.5	26.4	54.0	-27.6
2363.88	27.7	V	78.0	111.0	31.6	2.0	0.0	34.5	26.7	54.0	-27.3
2493.40	27.6	V	345.0	138.0	31.9	2.0	0.0	34.2	27.4	54.0	-26.6
2701.24	27.9	V	336.0	182.0	32.4	2.1	0.0	34.0	28.4	54.0	-25.6
2802.20	29.7	V	104.0	169.0	32.5	2.1	0.0	34.1	30.2	54.0	-23.8
2862.80	28.1	V	3.0	226.0	32.4	2.2	0.0	34.4	28.3	54.0	-25.7
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											