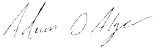


TR3932-Simultaneous

Equipment Under Test:	Indian Ride Command
Requirement(s):	eCFR 47 Part 15.247 RSS-247
Test Date(s):	04/02/2026-04/13/2026
Prepared for:	Polaris Industries Inc. Attn: Laura Zehnder 2100 Highway 55 Medina, MN 55340

Report Issued by: Dylan Rosenfeldt, EMC Engineer	
Signature: 	Date: 06/05/2026
Report Reviewed by: Adam Alger, Sr. Manager EMC Laboratory	
Signature: 	Date: 06/03/2026
Report Constructed by: Dylan Rosenfeldt, EMC Engineer	
Signature: 	Date: 05/07/2026

This test report may not be reproduced, except in full, without approval of Ezurio

Company: Polaris Industries Inc.	Page 1 of 23	Name: Indian Ride Command
Report: TR3932-Simultaneous		Model: RCIP-1230
Quote: NBO-06-2025-008193		Serial: Radiated Sample 1

CONTENTS

Contents.....	2
Ezurio Test Services in Review	3
1 Test Report Summary	4
2 Client Information.....	5
2.1 Equipment Under Test (EUT) Information.....	5
2.2 Product Description.....	5
2.3 Modifications Incorporated for Compliance	5
2.4 Deviations and Exclusions from Test Specifications.....	5
2.5 EUT Information	6
2.6 Antenna Information	6
2.7 Test Channels - BLE (Murata)	6
2.8 Test Channels - BLE (Infineon)	6
2.9 Test Channels – Bluetooth Classic (Infineon)	6
2.10 Test Channels – Bluetooth Classic (Murata).....	7
2.11 Test Channels – WLAN.....	7
2.12 Power Table and Reduced Video Bandwidth for Average Measurements	7
3 References	8
4 Uncertainty Summary	9
5 Test Data	10
5.1 Radiated Emissions.....	10
6 Revision History	23

Ezurio Test Services in Review

The Ezurio laboratory located at W66 N220 Commerce Court Cedarburg, Wisconsin, 53012 USA is recognized through the following organizations:



A2LA – American Association for Laboratory Accreditation

Accreditation based on ISO/IEC 17025:2017 with Electrical (EMC) Scope

A2LA Certificate Number: 1255.01

Scope of accreditation includes all test methods listed herein unless otherwise noted



Federal Communications Commission (FCC) – USA

Accredited Test Firm Registration Number: 953492

Recognition of two 3 meter Semi-Anechoic Chambers



Innovation, Science and Economic Development Canada

Accredited U.S. Identification Number: US0218

Recognition of two 3 meter Semi-Anechoic Chambers

Company: Polaris Industries Inc.	Page 3 of 23	Name: Indian Ride Command
Report: TR3932- Simultaneous		Model: RCIP-1230
Quote: NBO-06-2025-008193		Serial: Radiated Sample 1

1 TEST REPORT SUMMARY

During **04/02/2026-04/13/2026** the Equipment Under Test (EUT), **Indian Ride Command**, as provided by **Polaris Industries Inc.** was tested to the following requirements:

FCC 15.247 | RSS-247 – Simultaneous Tx

Requirements	Description	Method	Compliant
2.947(f) 15.31(k) RSS-247	Simultaneous Transmitter Radiated Emissions 30-25000 MHz	ANSI C63.10	Yes

Notice:

The results relate only to the item tested as configured and described in this report. Any additional configurations, modes of operation, or modifications made to the equipment under test after the specified test date(s) are at the decision of the client and may not apply to the data seen in this test report.

The decision rule for Pass / Fail assessment to the specification or standard listed in this test report has been agreed upon by the client and laboratory to be as follows:

Measurement Type	Rule
Emissions – Amplitude	4.7 dB below specified limit
Emissions – Frequency	1% less than the specification
Immunity	Tested at specified level

2 CLIENT INFORMATION

Company Name	Polaris Industries Inc.
Contact Person	Laura Zehnder
Address	2100 Highway 55 Medina, MN 55340

2.1 Equipment Under Test (EUT) Information

The following information has been supplied by the client

Product Name	Indian Ride Command
Model Number	RCIP-1230
Serial Number	Radiated Sample 1
Date of Receipt	03/30/2026
Condition	Good
FCC ID	2AOW7-RCIP-1230V1
IC ID	5966A-RCIP1230V1

2.2 Product Description

The Indian Ride Command RCIP-1230 is an infotainment display. The display supports AM/FM/WB radio, Bluetooth connectivity, Wi-Fi connectivity, vehicle health/performance information, GPS, and maps.

2.3 Modifications Incorporated for Compliance

None noted at time of test

2.4 Deviations and Exclusions from Test Specifications

None noted at time of test

2.5 EUT Information

Power Supply - 12V via Automotive Battery or DC Bench Supply

Firmware Version - RCS2.2.0.D6.2603181108patr

Test Software - Compliance HMI v3.0.0

Ancillary Equipment - HP Elitebook 840G1

2.6 Antenna Information

Manufacturer	Radio	Model / Part Number	Type	Peak Gain (dBi) 2400 - 2500 MHz
F3 Wireless	Infineon BT	-	Trace	6.3
F3 Wireless	Murata WLAN	-	Trace	2.6
F3 Wireless	Murata BT	-	Trace	7.0

2.7 Test Channels - BLE (Murata)

Channel	Frequency (MHz)	BW (MHz)	Data Rates
0	2402	2	BLE 1M, 2M, 500k, 125k
19	2440	2	
39	2480	2	

2.8 Test Channels - BLE (Infineon)

Channel	Frequency (MHz)	BW (MHz)	Data Rates
0	2402	2	BLE 1M
19	2440	2	
39	2480	2	

2.9 Test Channels – Bluetooth Classic (Infineon)

Channel	Frequency (MHz)	Data Rates
0	2402	1Mbps, 2Mbps, 3Mbps
39	2441	
78	2480	

2.10 Test Channels – Bluetooth Classic (Murata)

Channel	Frequency (MHz)	Data Rates
0	2402	1Mbps, 2Mbps, 3Mbps
39	2441	
78	2480	

2.11 Test Channels – WLAN

Channel	Frequency (MHz)	Bandwidth (MHz)	Data Rates
1	2412	20	802.11b – 1 and 11 Mbps
6	2437	20	802.11g – 6 and 54 Mbps
11	2462	20	802.11n – MCS0 and MCS7

2.12 Power Table and Reduced Video Bandwidth for Average Measurements

Mode	Data Rate	Power Setting	Minimum Average VBW (Hz)
BLE (Murata)	1M	12	469
BLE (Murata)	2M	12	939
BLE (Murata)	500k	12	59
BLE (Murata)	125k	12	220
BLE (Infineon)	1M	4	469
802.11b	1 Mbps	14	81
802.11b	11 Mbps	14	829
802.11g	6 Mbps	11	484
802.11g	54 Mbps	11	4032
802.11n	MCS0	10	522
802.11n	MCS7	10	4384
BTC (Infineon)	1Mbps	2	10
BTC (Infineon)	2Mbps	6	10
BTC (Infineon)	3Mbps	6	10
BTC (Murata)	1Mbps	12	10
BTC (Murata)	2Mbps	12	10
BTC (Murata)	3Mbps	12	10

3 REFERENCES

Publication	Edition	Date	AMD 1	AMD 2
FCC eCFR 47 Part 15	-	2026	-	-
ANSI C63.10	-	2020	2024	-
RSS-247	4	2025	-	-
RSS-GEN	5	2018	2019	2021

References not on Scope of Accreditation

Publication	Edition	Date	AMD 1	AMD 2
KDB 558074 D01	-	2019	-	-

4 UNCERTAINTY SUMMARY

Using the guidance of the following publications the calculated measurement uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level, using a coverage factor of $k = 2$.

References

CISPR 16-4-1

CISPR 16-4-2

CISPR 32

ANSI C63.23

A2LA P103

A2LA P103c

ETSI TR 100-028

Measurement Type	Configuration	Uncertainty $\pm$
Radiated Emissions	Biconical Antenna	5.0 dB
Radiated Emissions	Log Periodic Antenna	5.3 dB
Radiated Emissions	Horn Antenna	4.7 dB
AC Line Conducted Emissions	Artificial Mains Network	3.4 dB
Telecom Conducted Emissions	Asymmetric Artificial Network	4.9 dB
Disturbance Power Emissions	Absorbing Clamp	4.1 dB
Radiated Immunity	3 Volts/meter	2.2 dB
Conducted Immunity	CDN/EM/BCI	2.4/3.5/3.4 dB
EFT Burst/Surge	Peak pulse voltage	164 volts
ESD Immunity	15 kV level	1377 Volts

Parameter	ETSI U.C. $\pm$	U.C. $\pm$
Radio Frequency, from F0	1×10^{-7}	0.55×10^{-7}
Occupied Channel Bandwidth	5 %	2 %
RF conducted Power (Power Meter)	1.5 dB	1.2 dB
RF conducted emissions (Spectrum Analyzer)	3.0 dB	1.7 dB
All emissions, radiated	6.0 dB	5.3 dB
Temperature	1° C	0.65° C
Humidity	5 %	2.9 %
Supply voltages	3 %	1 %

5 TEST DATA

5.1 Radiated Emissions

Description of Measurement	The frequency spectrum is investigated for intentional and / or unintentional signals emanating from the EUT by use of a standardized test site and measurement antenna. The antenna, cable, pre-amp, and other necessary measurement system correction factors are loaded onto the EMI receiver / spectrum analyzer when the measurements are performed allowing the data to be gathered and reported as corrected values. The maximum emissions from the EUT are determined by turn-table azimuth rotation (360°) and scanning of the measurement antenna. Maximized levels are noted at degree values of azimuth, measurement antenna height, and measurement antenna polarity.
Example Calculations	Measurement (dBμV) + Cable factor (dB) + Other (dB) + Antenna Factor (dB/m) = Corrected Reading (dBμV/m) Margin (dB) = Limit (dBμV/m) - Corrected Reading (dBμV/m) Example at 4000 MHz: Reading = 40 dBμV + 3.4 dB + 0.9 dB + 6.5 dB/m = 50.8 dBμV/m Average Limit = 20 log (500) = 54 dBμV/m Margin = 54 dBμV/m - 50.8 dBμV/m = 3.2 dB

Block Diagram



5.1.1 Spurious Radiated Emissions in the Restricted Bands

Operator	Marcos Pineda, Mitchell Freund, Cheikhna Ouattara	QA	Dylan Rosenfeldt
Temperature	20-25°C	R.H. %	20-50%
Test Date	4/2/2026-4/13/2026	Location	Chamber 3
Requirement	15.247(d) RSS-247 6.6	Method	ANSI C63.10 11.12

15.209 Limits:

Frequency (MHz)	Quasi-Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Peak Limit (dBμV/m)
30-88	40.0	-	-
88-216	43.5	-	-
216-960	46.0	-	-
960-1000	54.0	-	-
1000-40000	-	54.0	74.0

Test Parameters

Frequency	30-25000 MHz	Distance	3 m
Detector(s)	Peak Trace Peak and Average Final	Table height	<1000 MHz – 80cm >1000 MHz – 150 cm
RBW	<1000 MHz – 120 kHz >1000 MHz – 1 MHz	VBW	<1000 – 1.2 MHz >1000 MHz – 3MHz See 2.8

Instrumentation

Asset #	Description	Manufacturer	Model #	Serial #	Date	Due Date	Status
EE 960085	Analyzer - EMI Receiver	Agilent	N9038A	MY51210148	4/1/2026	4/1/2027	Active Calibration
AA 960081	Antenna - Double Ridge Horn	EMCO	3115	6907	10/8/2025	10/8/2026	Active Calibration
LSC-300	Cable	Chamber 3 Emissions	-	-	2/18/2026	2/18/2027	Active Verification
AA 960174	Antenna - Small Horn	ETS Lindgren	3116C-PA	00206880	10/7/2025	10/7/2026	Active Calibration
LSC-546	Cable	A.H. Systems, Inc.	SAC-26G-6	546	2/12/2026	2/12/2027	Active Verification
AA 960210	Antenna - Low Noise Amplifier	Mini-Circuits	ZVA-213X-S+	037101808	10/8/2025	10/8/2026	Active Calibration
AA 960150	Antenna - Biconical	ETS Lindgren	3110B	0003-3346	9/18/2025	9/18/2026	Active Calibration
AA 960195	Antenna - Log Periodic	A.H. Systems, Inc.	SAS-512-2	557	9/18/2025	9/18/2026	Active Calibration
AA 960153	Filter - High Pass 2.4 GHz	KWM	HPF-L-14186	7272-04	3/31/2026	3/31/2027	Active Calibration
EE 960203	Analyzer - EMI Receiver	Keysight	N9038A	MY56400072	4/1/2026	4/1/2027	Active Calibration

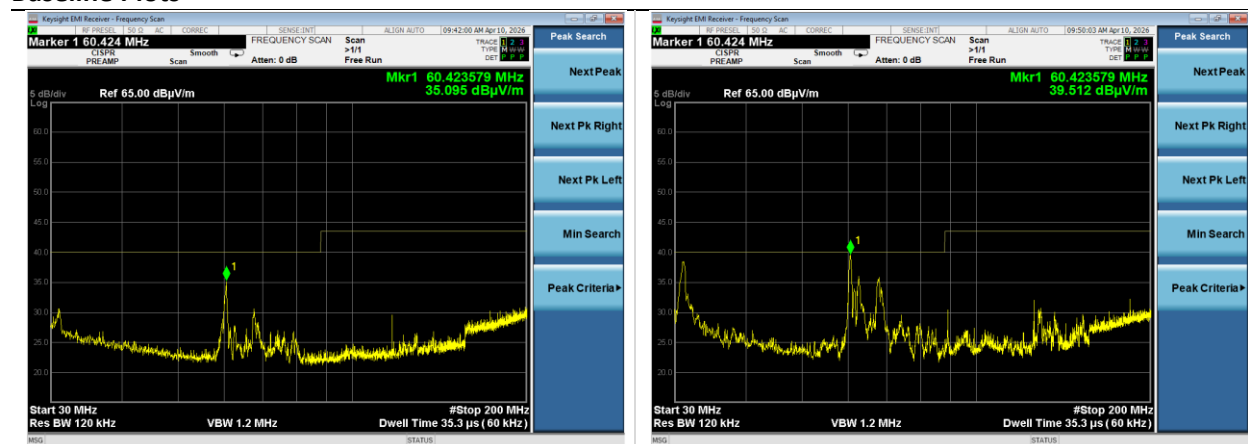
EUT Parameters

Input Power	12V Battery	Mode	BLE, WLAN, BTC Tx
AE	AM/FM Antenna, GPS Antenna, USB cable, Audio Amplifier	Channels	See 2.7 - 2.11
Configurations	1: WLAN 802.11b 1Mbps + Murata BLE 1M 2: WLAN 802.11b 1Mbps + Murata BTC BR 3: WLAN 802.11b 1Mbps + Infineon BLE 1M 4: WLAN 802.11b 1Mbps + Infineon BTC BR		

Radiated Emissions in Restricted Bands Measurements

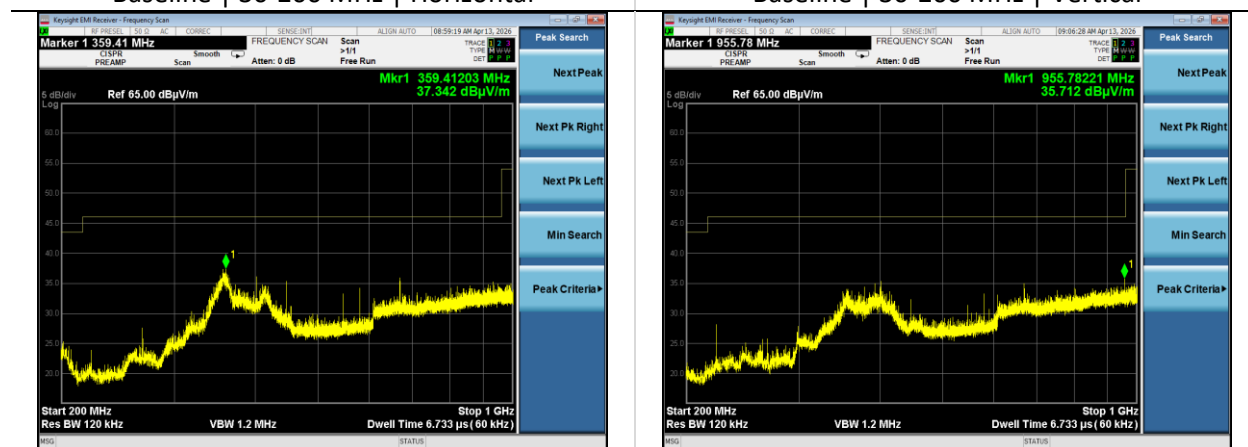
Configuration	Frequency (MHz)	Polarity	Reading (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement
1	9747.9	H	49.5	74.0	24.5	Peak
1	9748.0	H	43.7	54.0	10.3	Average
1	7309.3	H	47.3	74.0	26.7	Peak
1	7310.2	H	40.9	54.0	13.1	Average
2	7309.5	H	47.0	74.0	27.0	Peak
2	7310.2	H	40.8	54.0	13.2	Average
2	9747.4	H	45.8	74.0	28.2	Peak
2	9748.0	H	43.6	54.0	10.4	Average

Baseline Plots



Baseline | 30-200 MHz | Horizontal

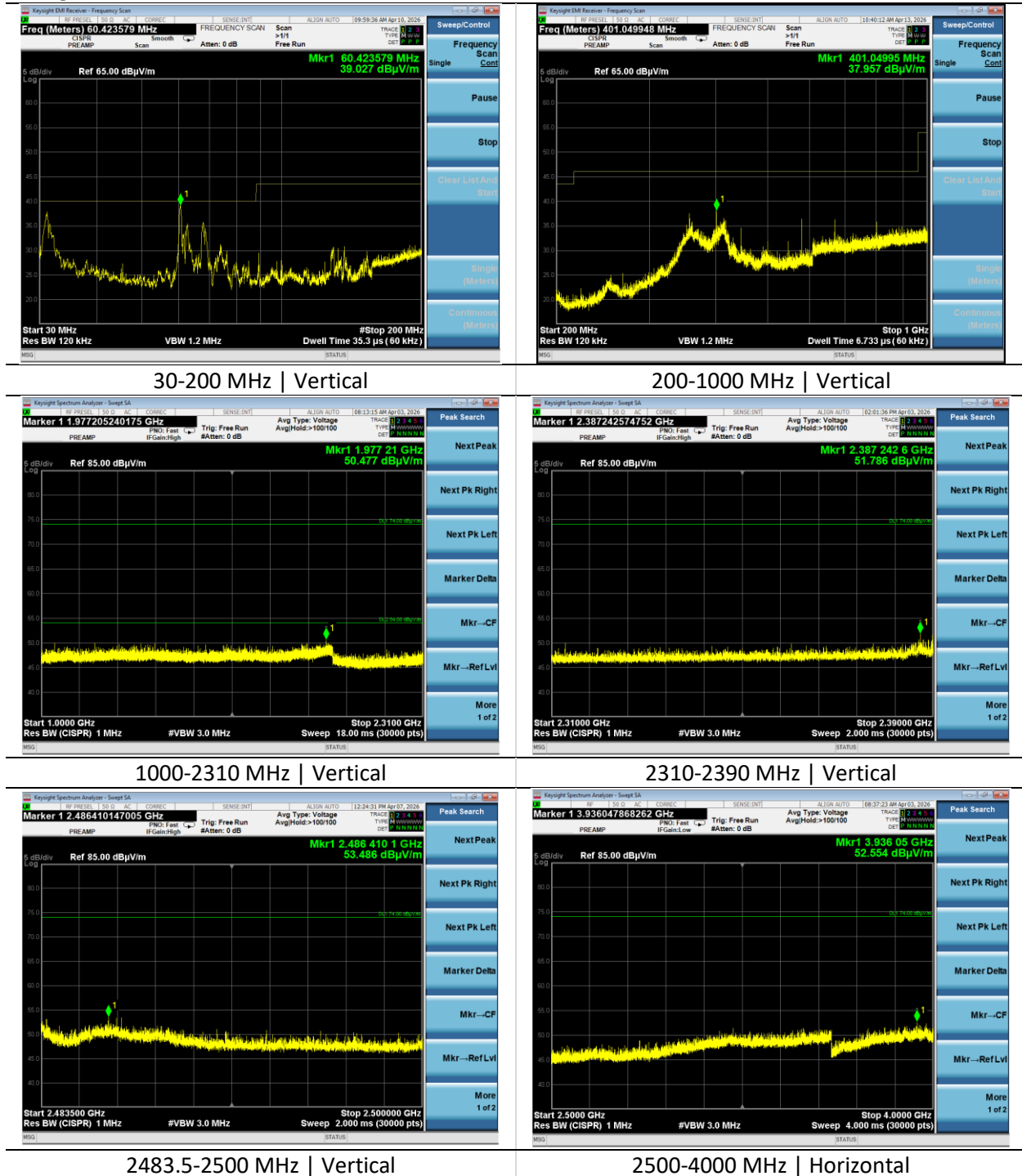
Baseline | 30-200 MHz | Vertical

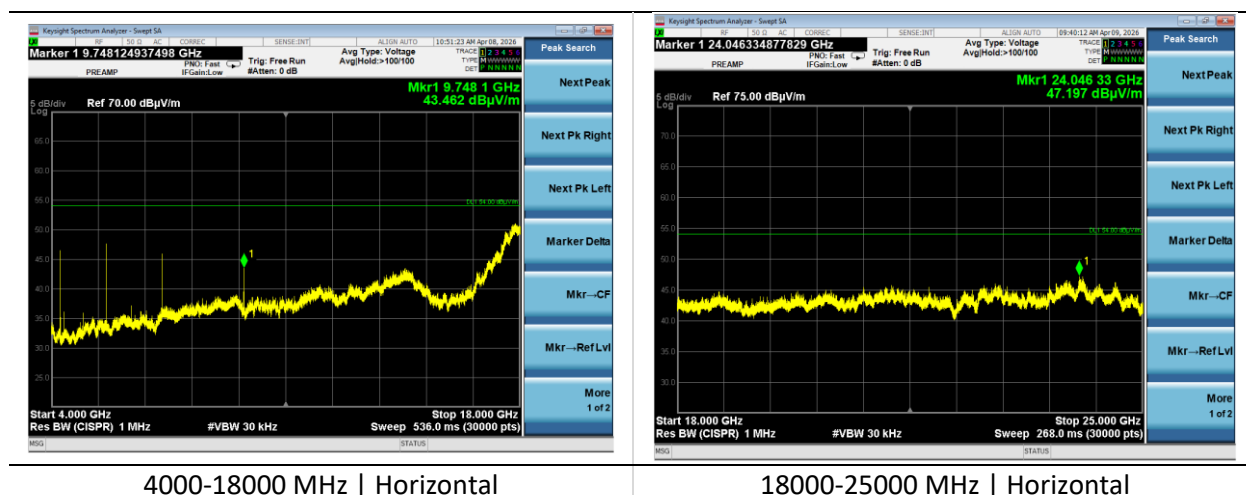


Baseline | 200-1000 MHz | Horizontal

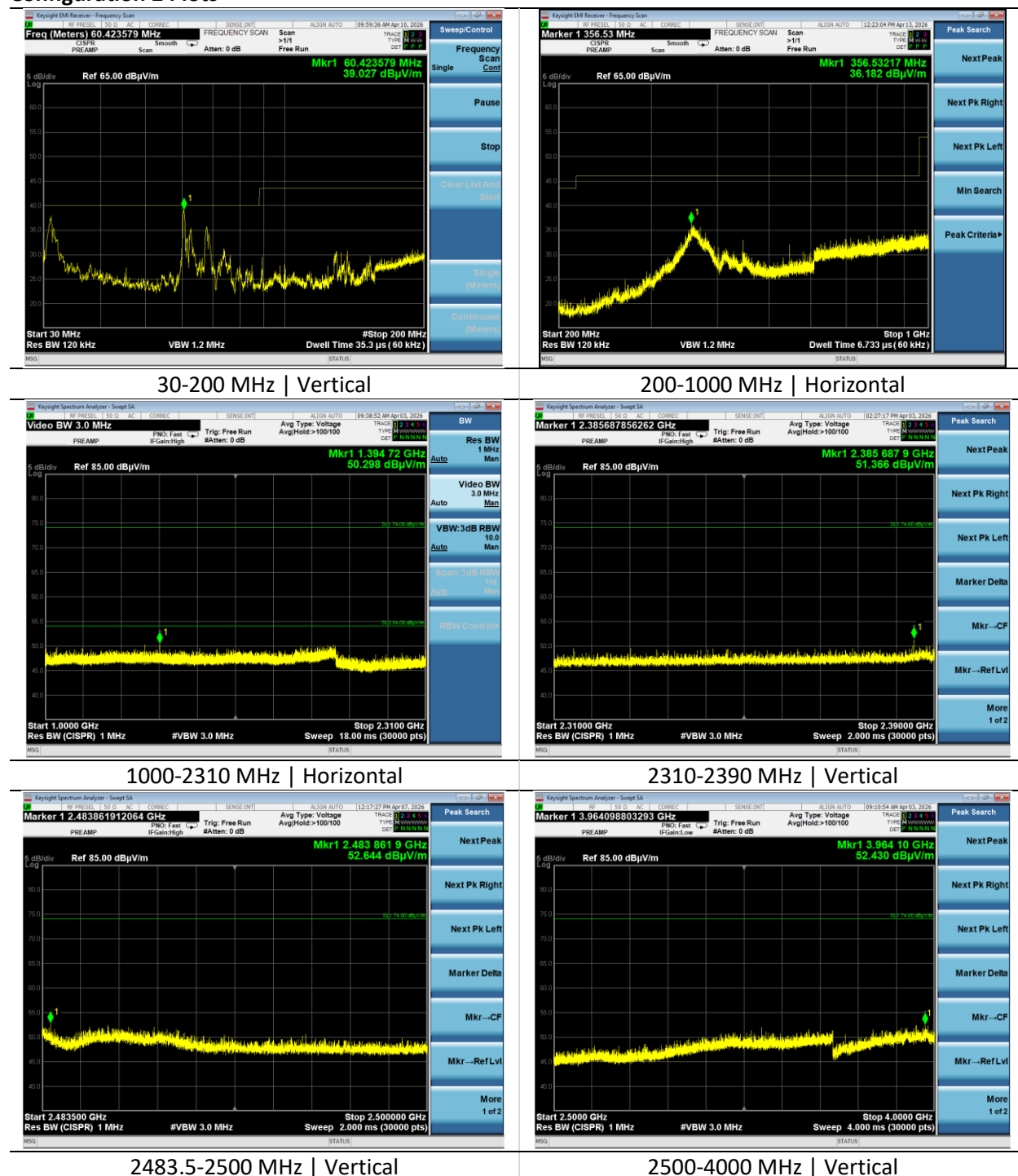
Baseline | 200-1000 MHz | Vertical

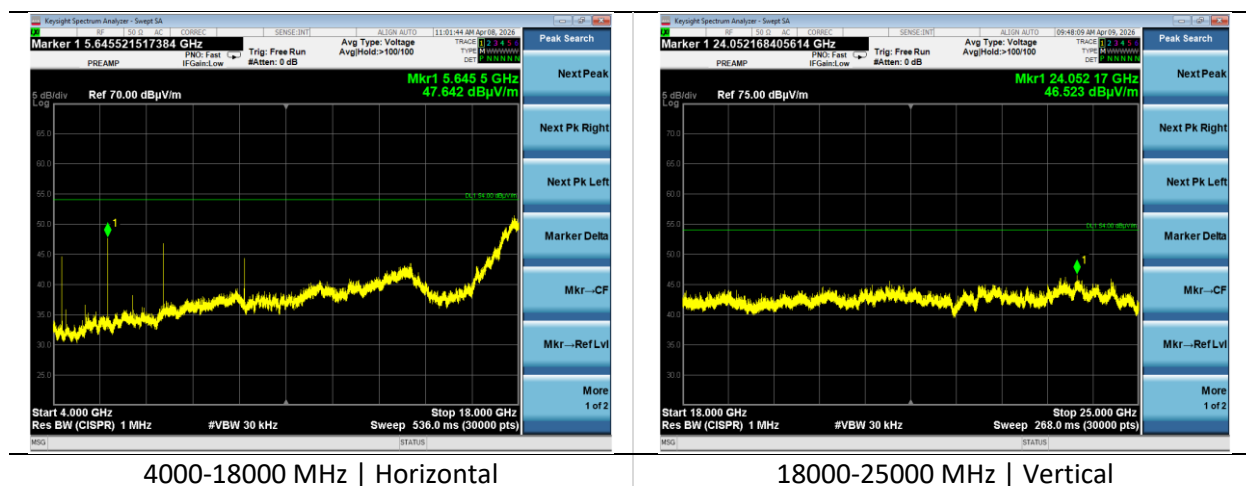
Configuration 1 Plots



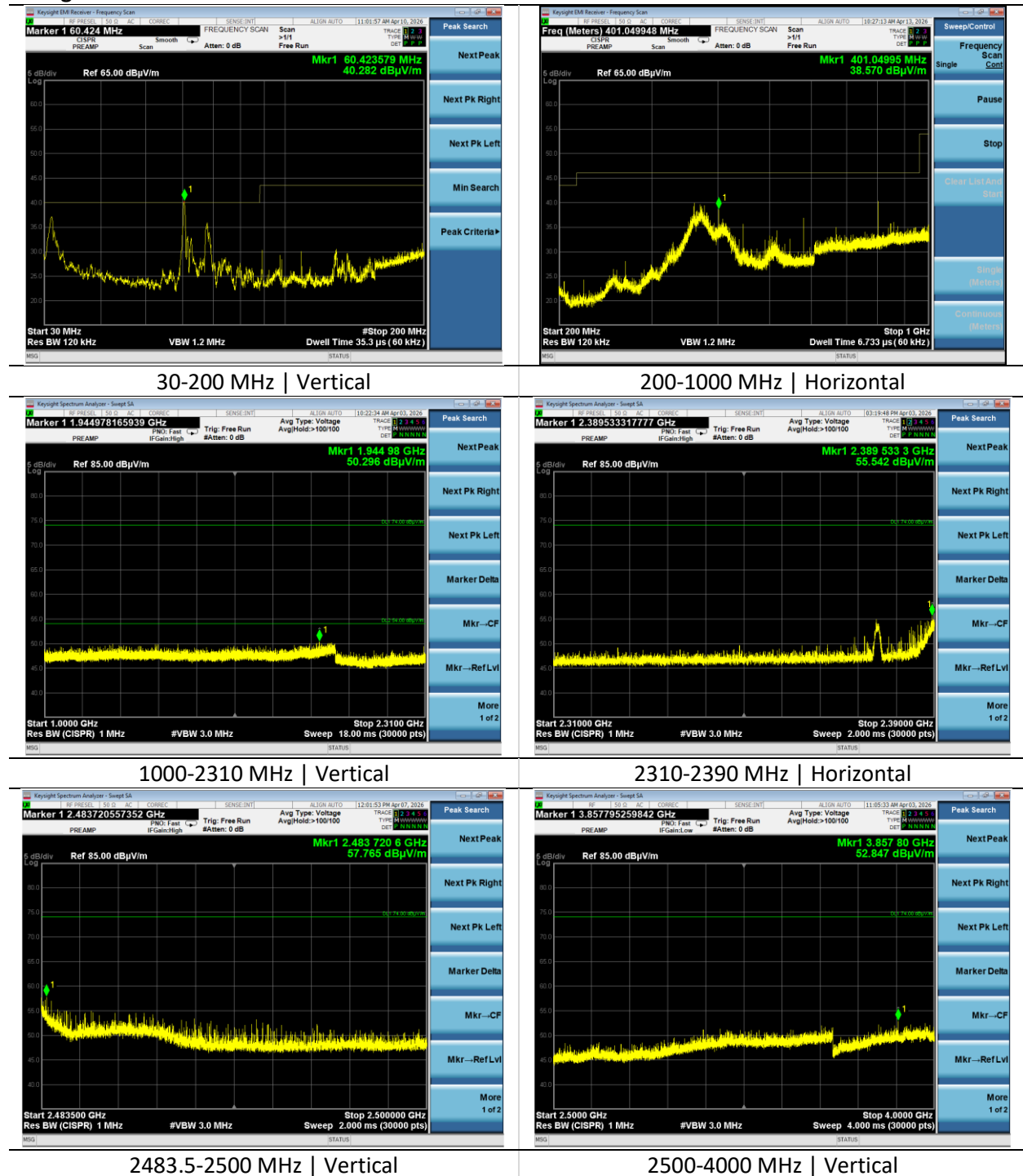


Configuration 2 Plots





Configuration 3 Plots



30-200 MHz | Vertical

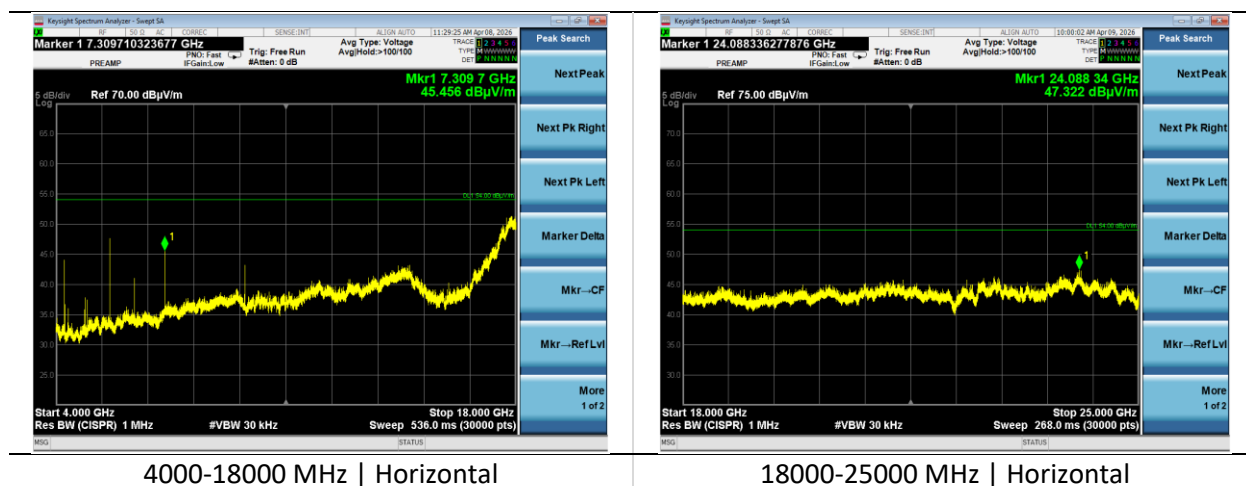
200-1000 MHz | Horizontal

1000-2310 MHz | Vertical

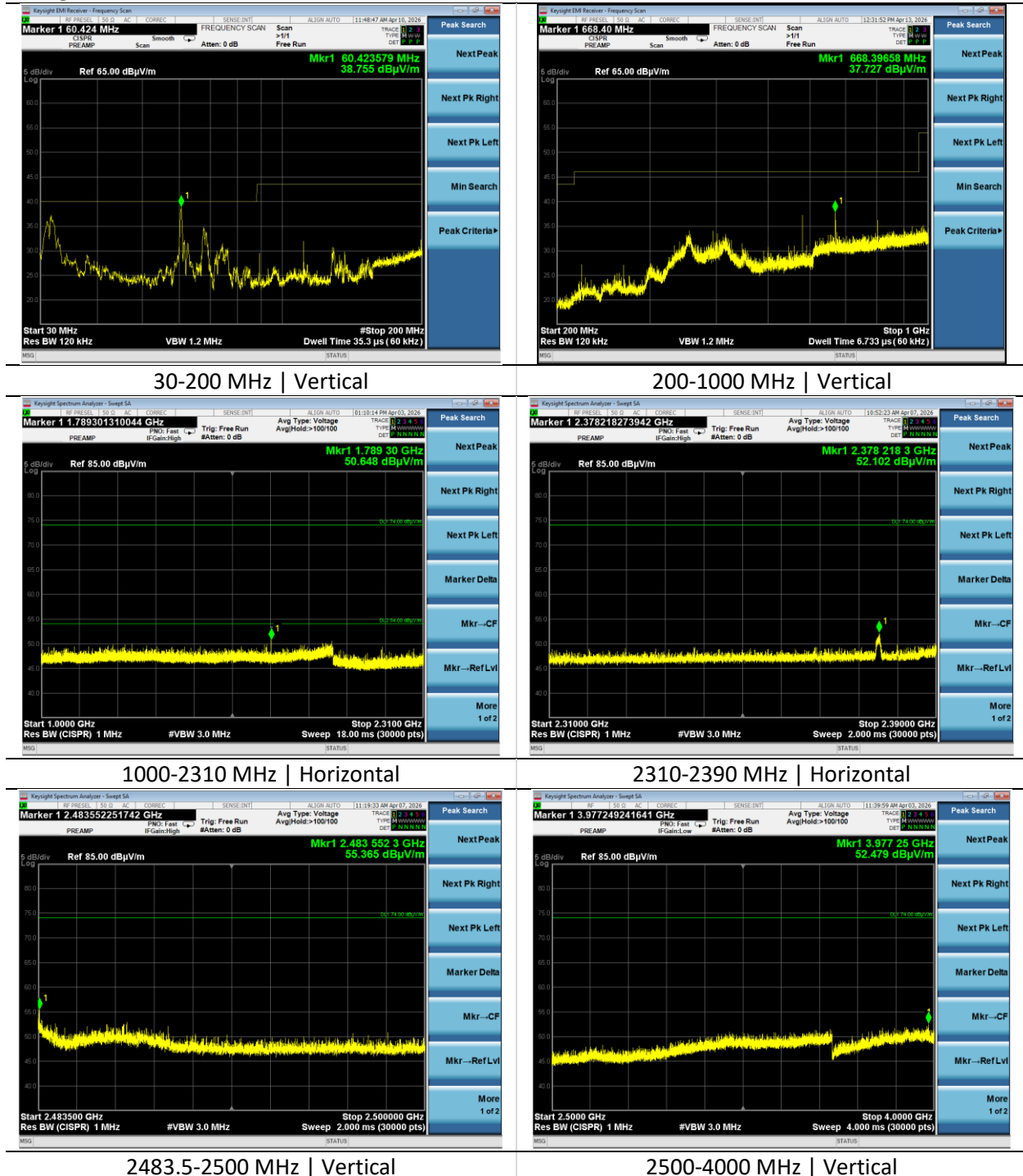
2310-2390 MHz | Horizontal

2483.5-2500 MHz | Vertical

2500-4000 MHz | Vertical



Configuration 4 Plots



30-200 MHz | Vertical

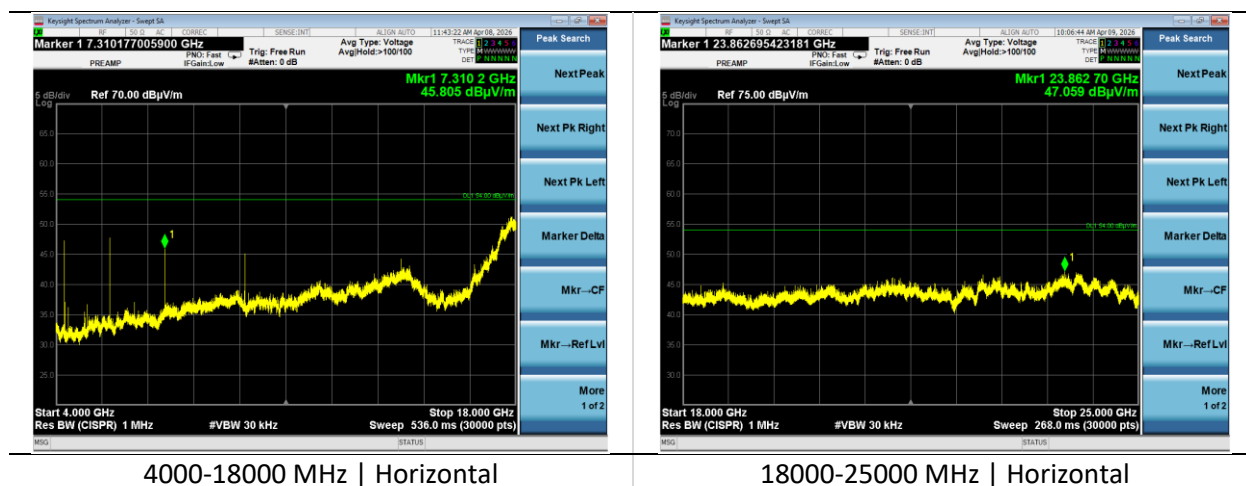
200-1000 MHz | Vertical

1000-2310 MHz | Horizontal

2310-2390 MHz | Horizontal

2483.5-2500 MHz | Vertical

2500-4000 MHz | Vertical



6 REVISION HISTORY

Version	Date	Notes	Person
0	05/07/2026	Initial Draft	Dylan Rosenfeldt
1	05/13/2026	Updated Section 2	Dylan Rosenfeldt
2	06/05/2026	Updated company name and address	Dylan Rosenfeldt

END OF REPORT