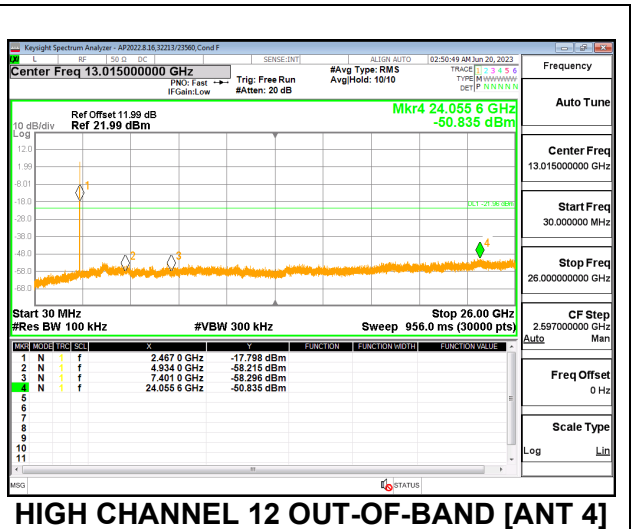
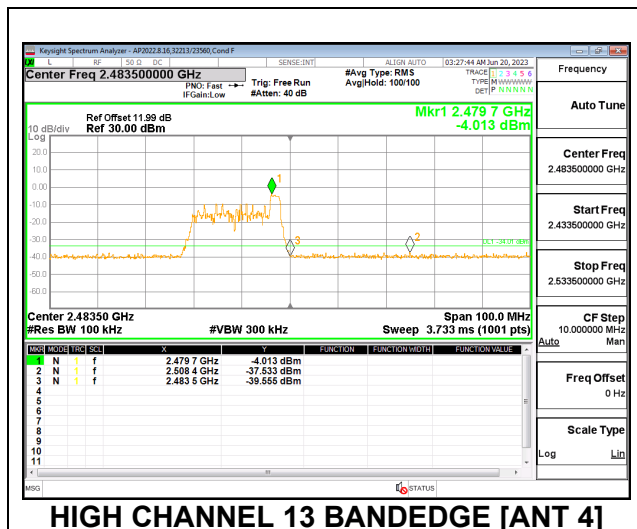


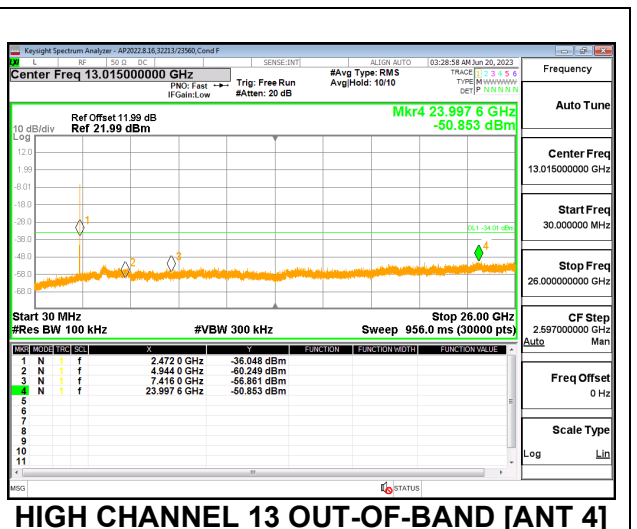
**HIGH CHANNEL 12 BANDEDGE [ANT 4]**



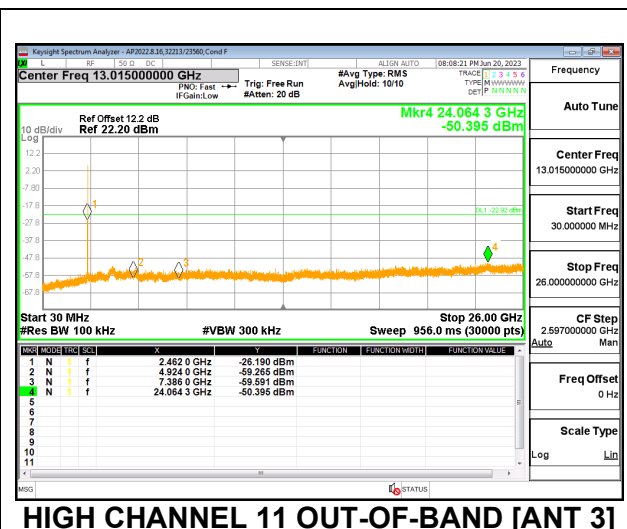
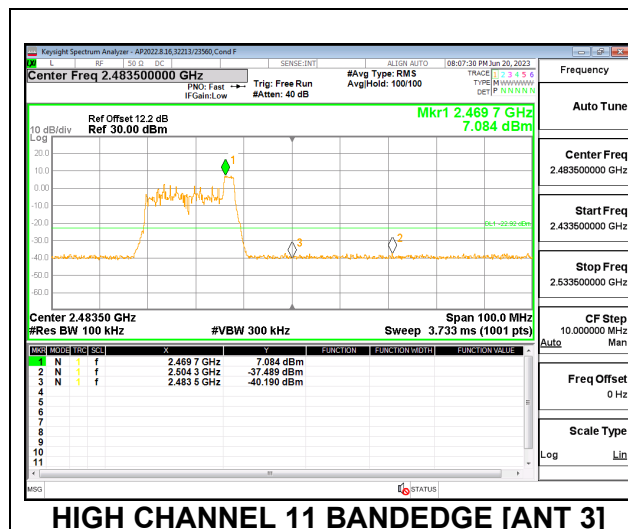
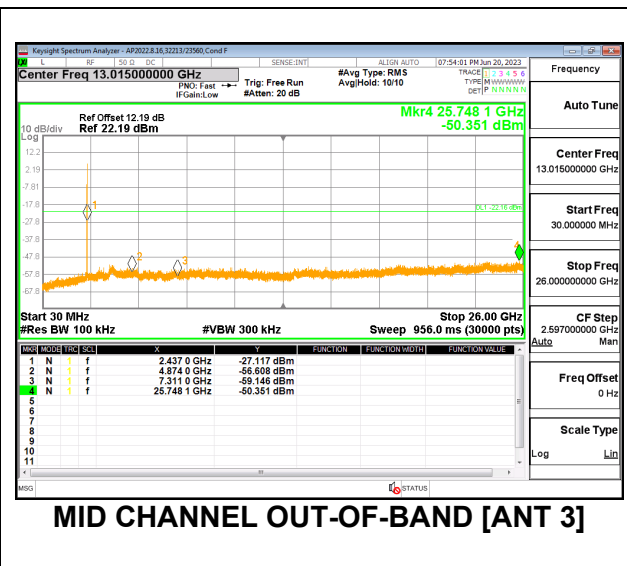
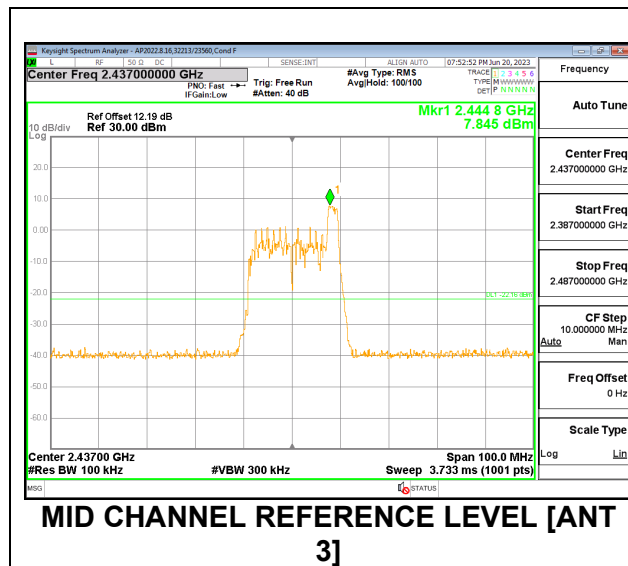
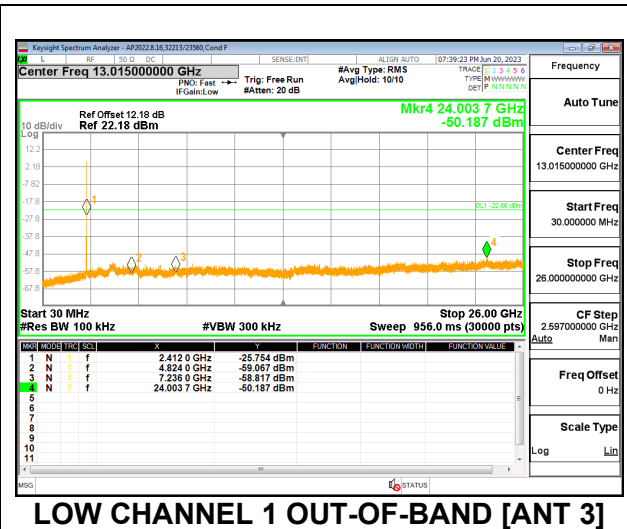
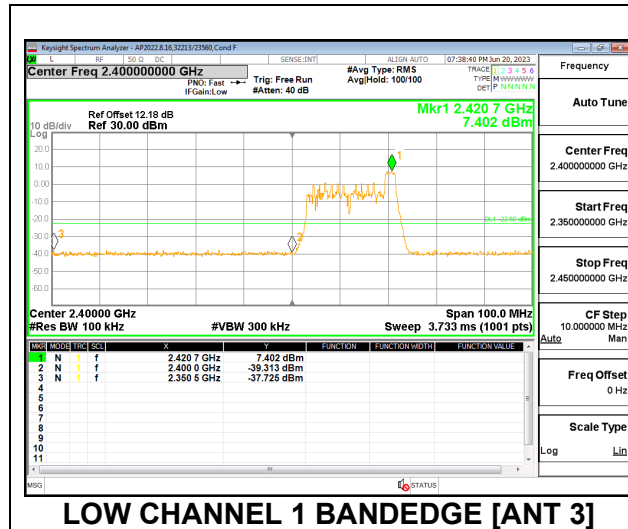
**HIGH CHANNEL 12 OUT-OF-BAND [ANT 4]**

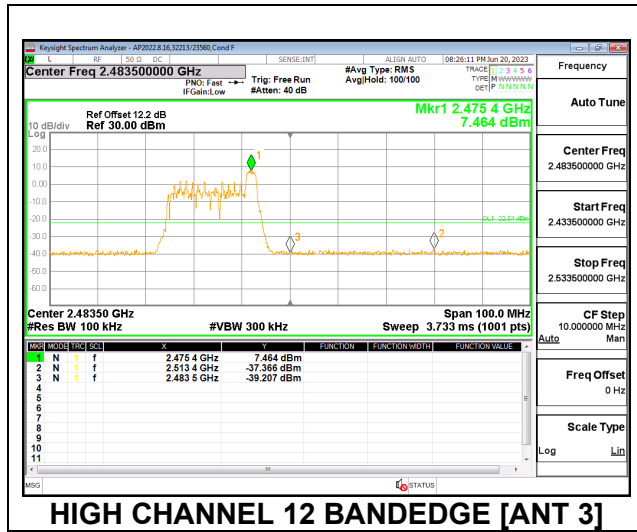


**HIGH CHANNEL 13 BANDEDGE [ANT 4]**

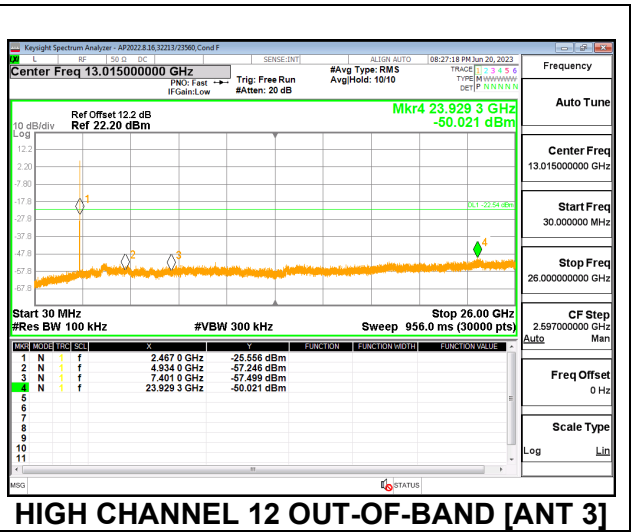


**HIGH CHANNEL 13 OUT-OF-BAND [ANT 4]**

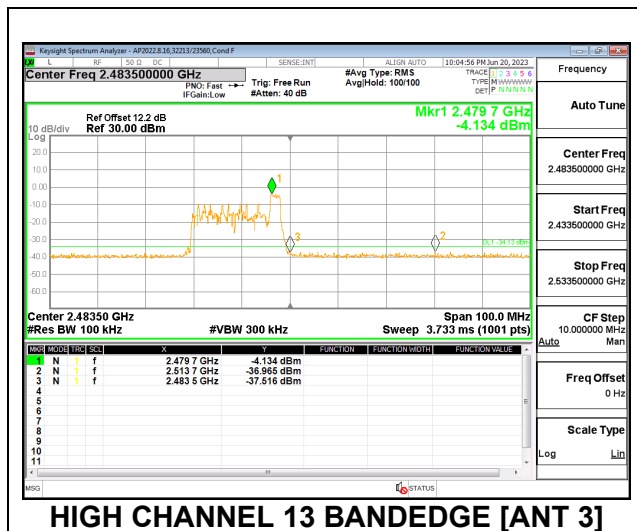




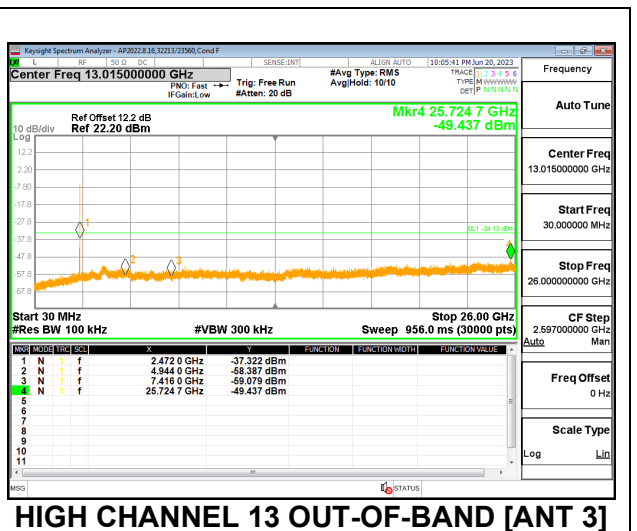
**HIGH CHANNEL 12 BANDEDGE [ANT 3]**



**HIGH CHANNEL 12 OUT-OF-BAND [ANT 3]**

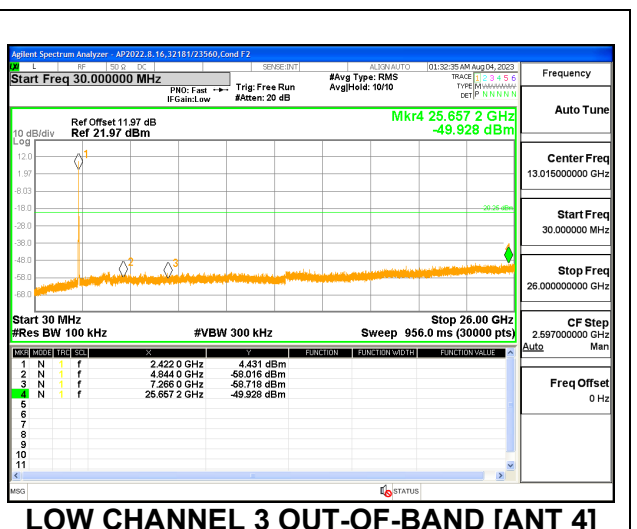
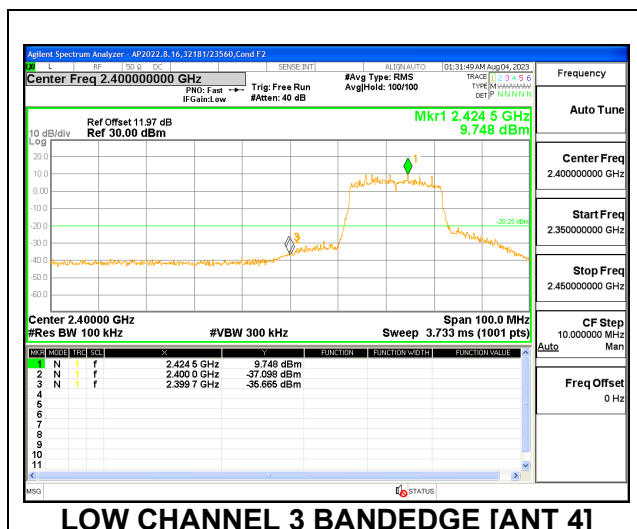
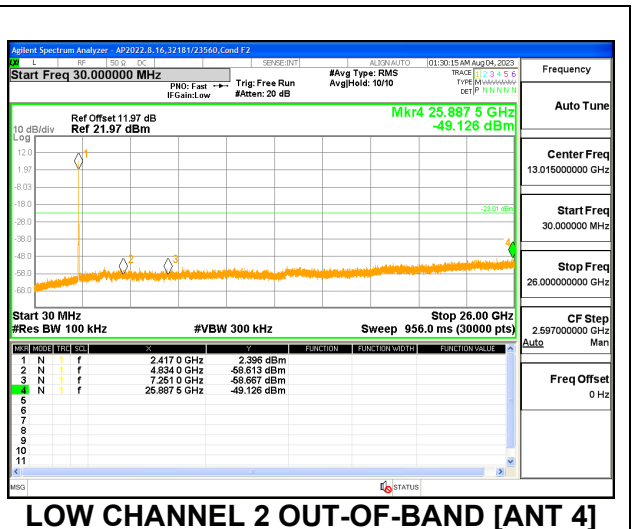
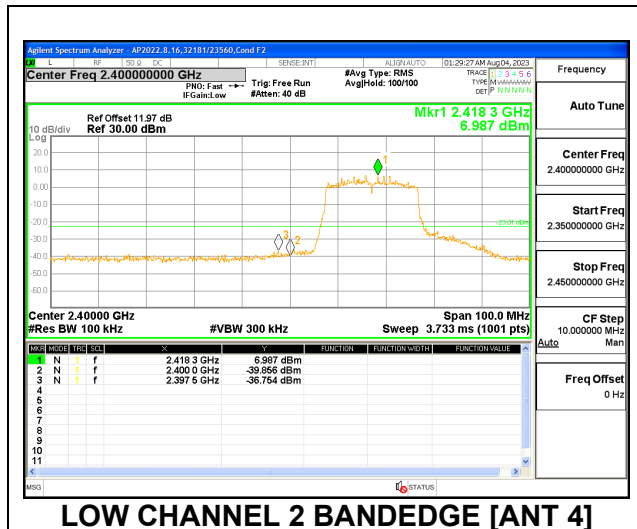
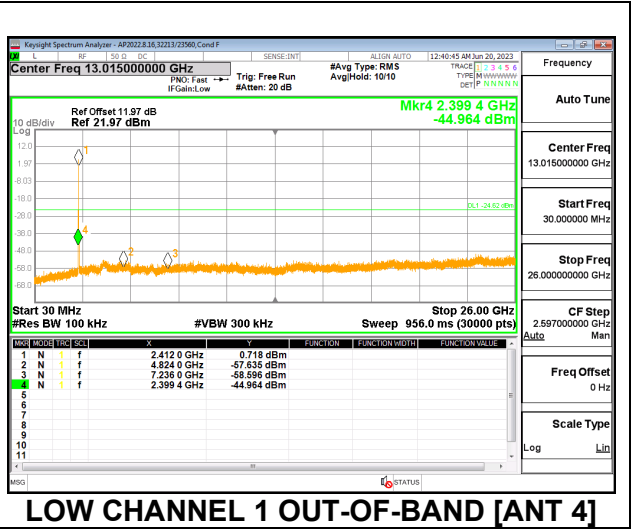
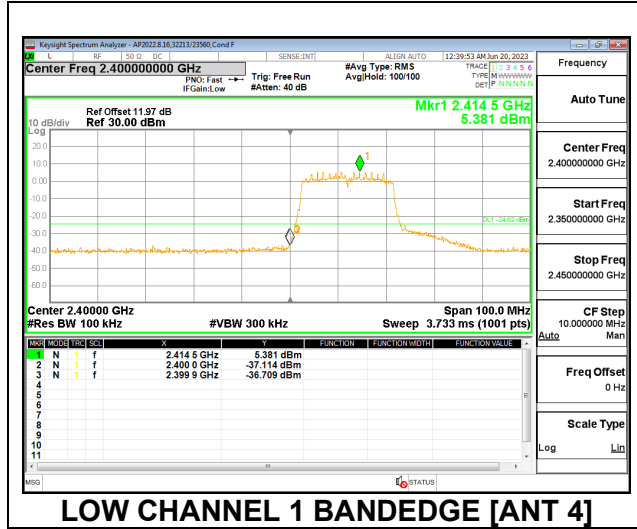


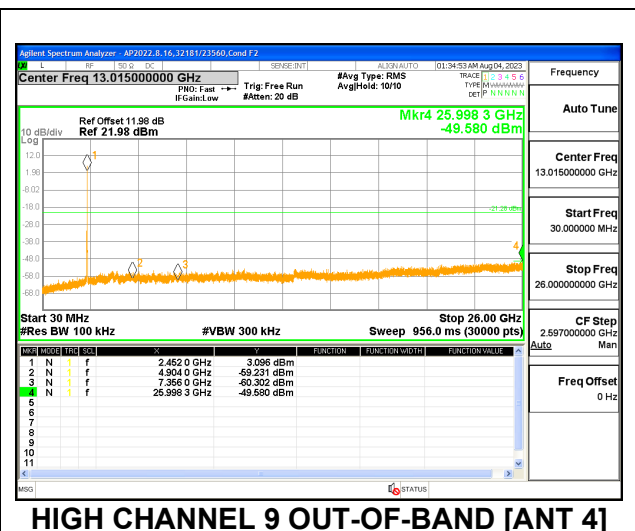
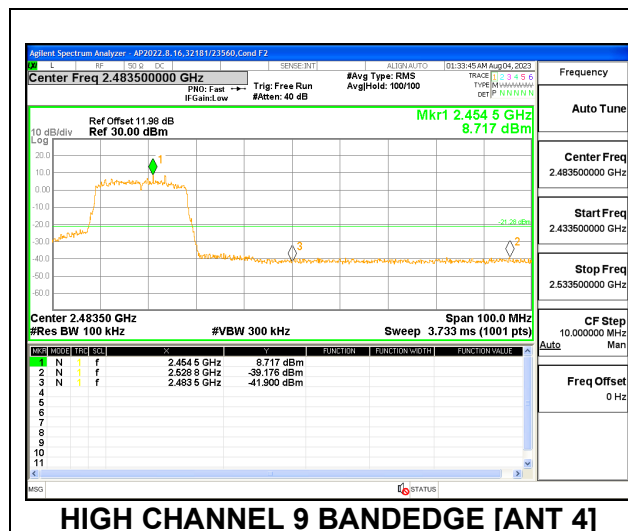
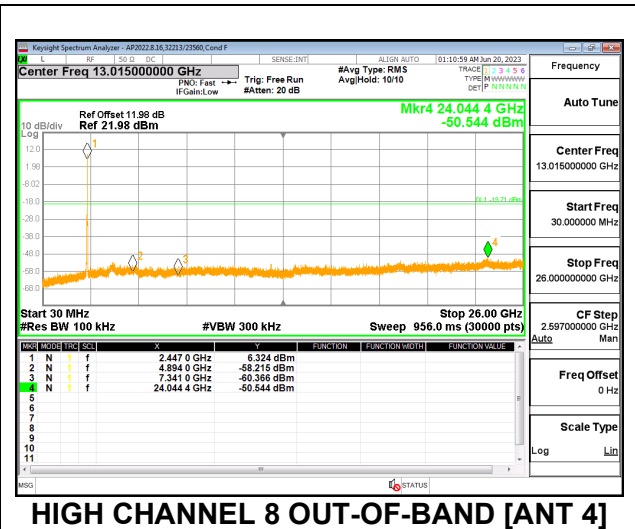
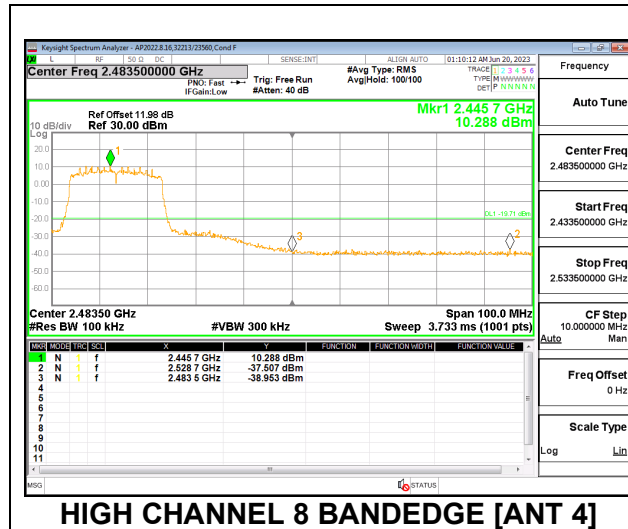
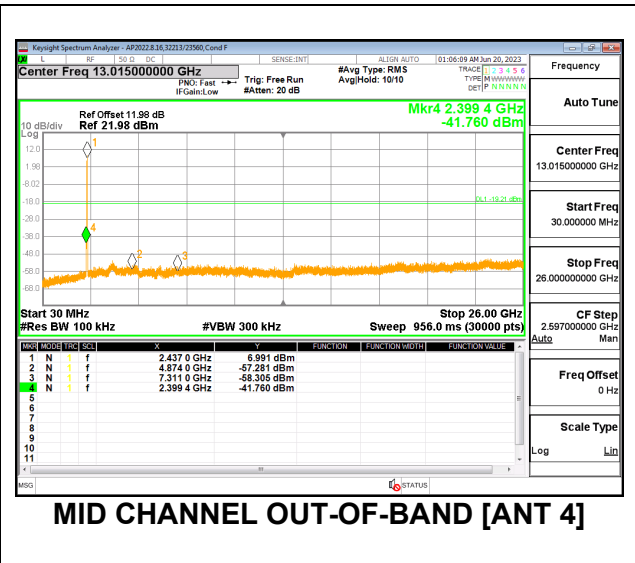
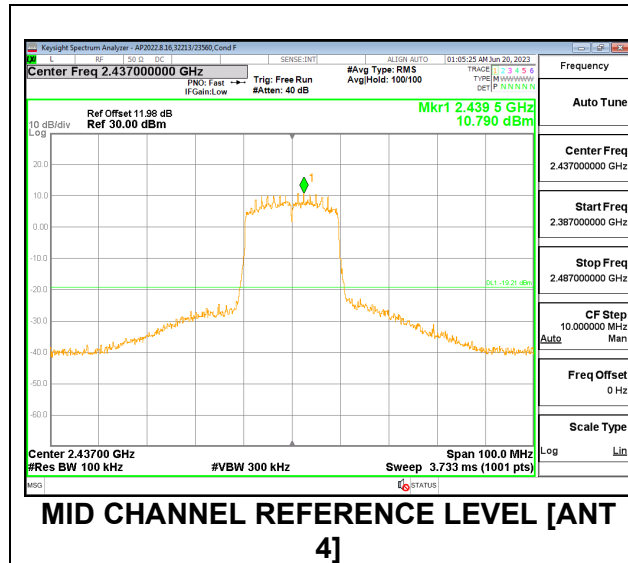
**HIGH CHANNEL 13 BANDEDGE [ANT 3]**

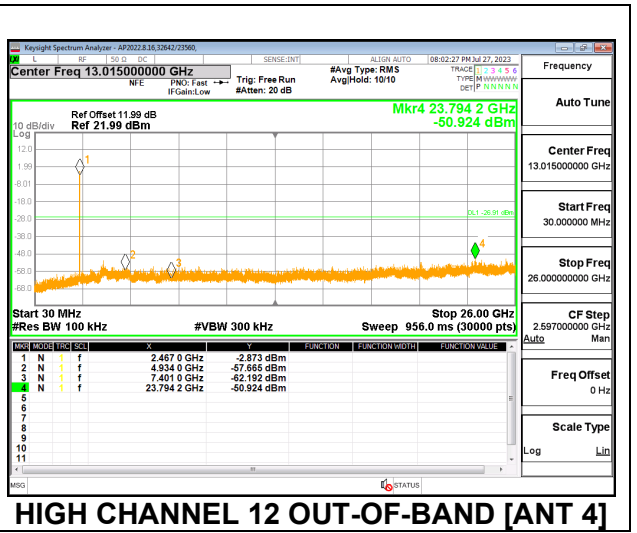
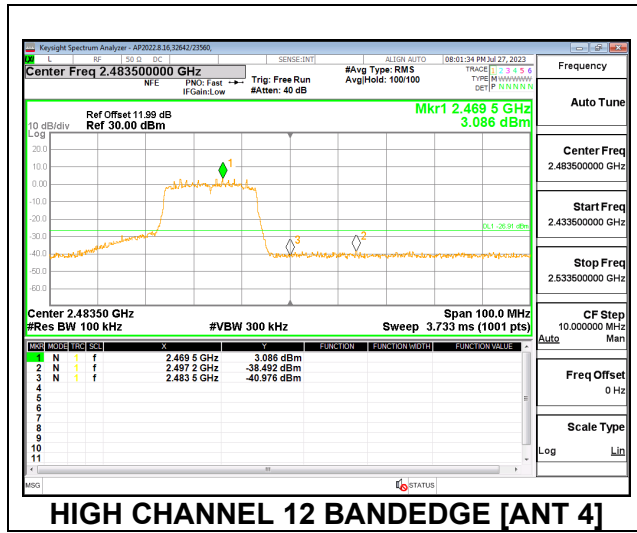
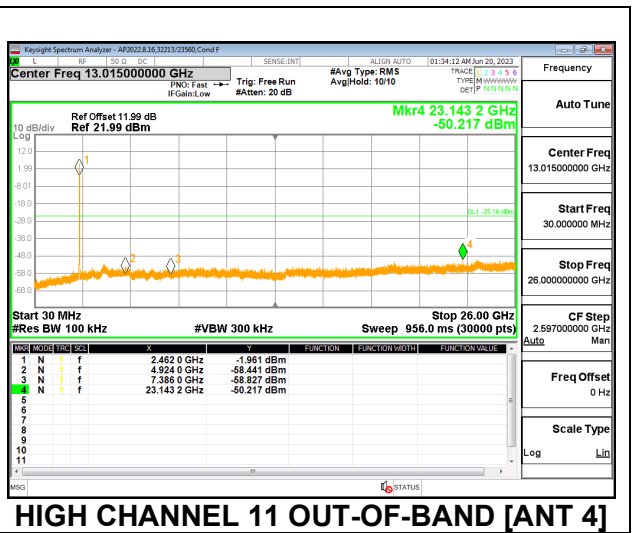
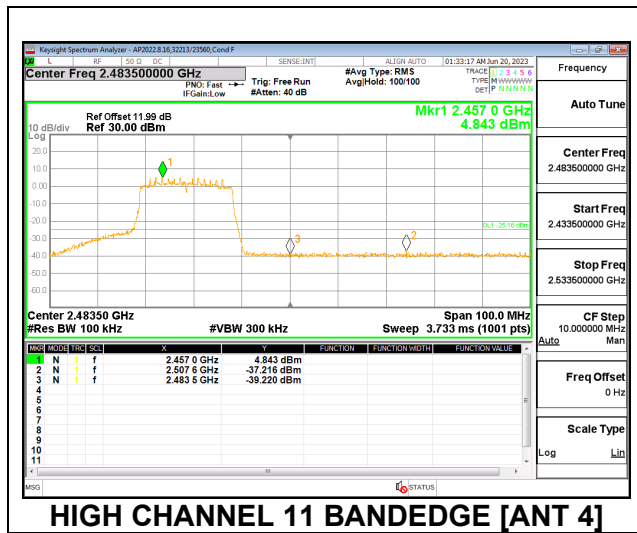
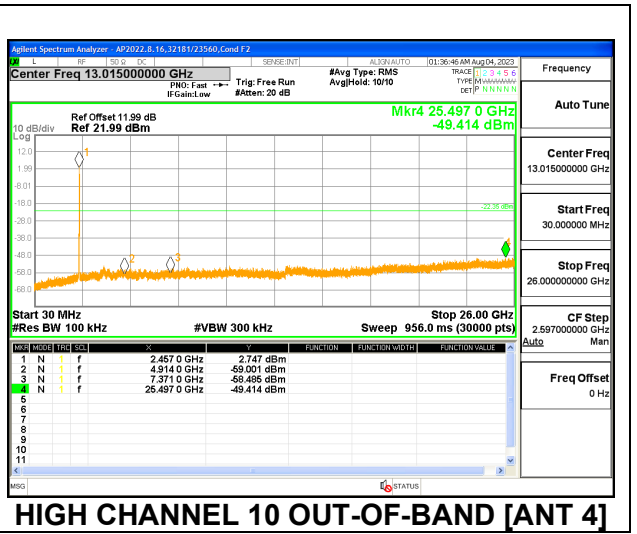
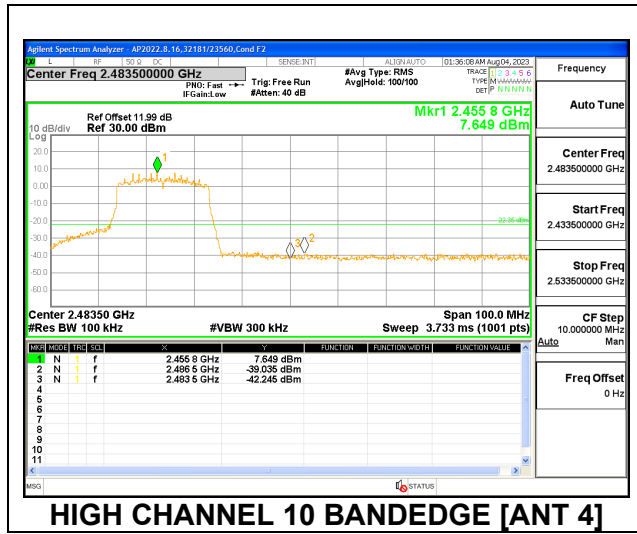


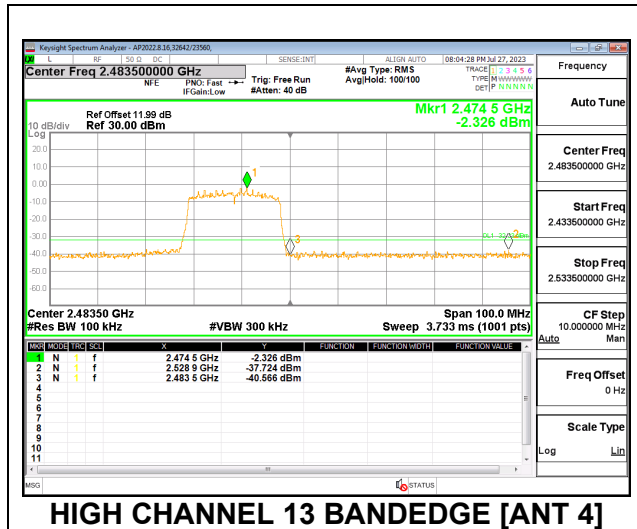
**HIGH CHANNEL 13 OUT-OF-BAND [ANT 3]**

**ANT 4 + ANT 3 MODE: SU Mode**

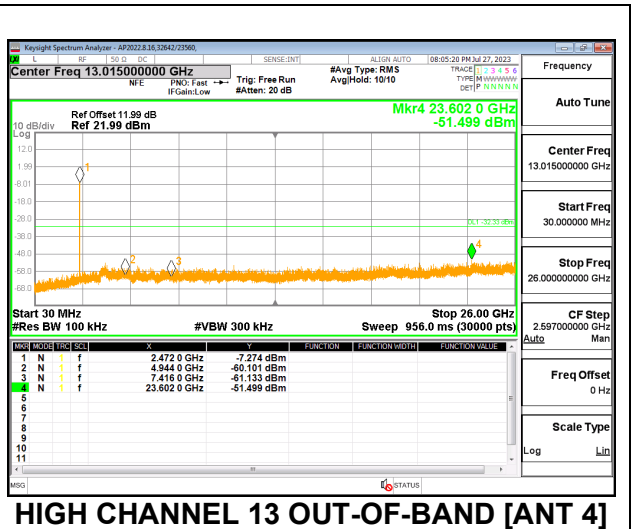




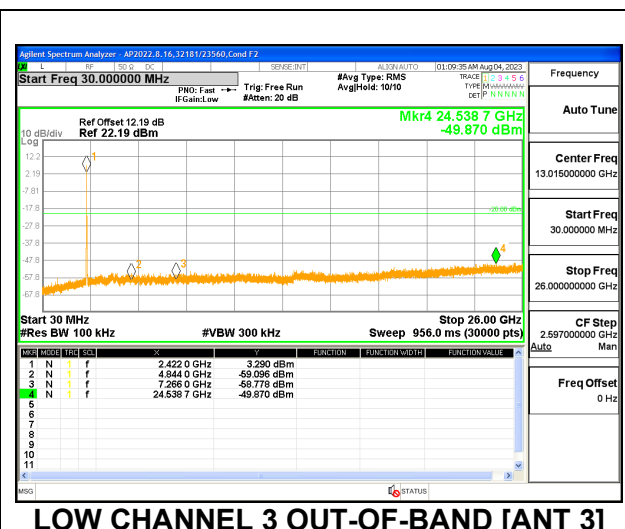
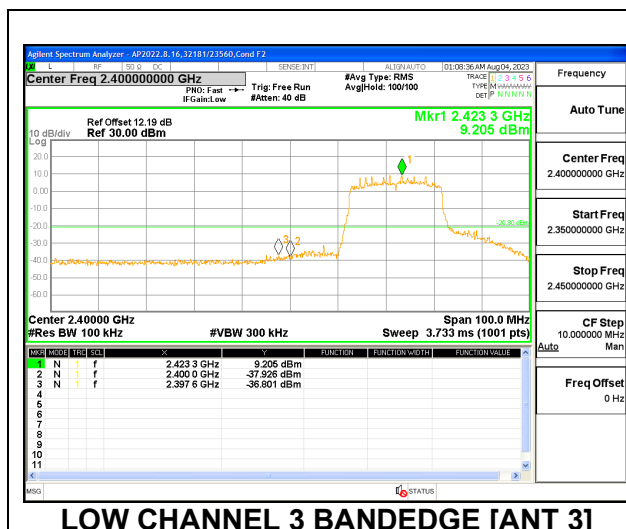
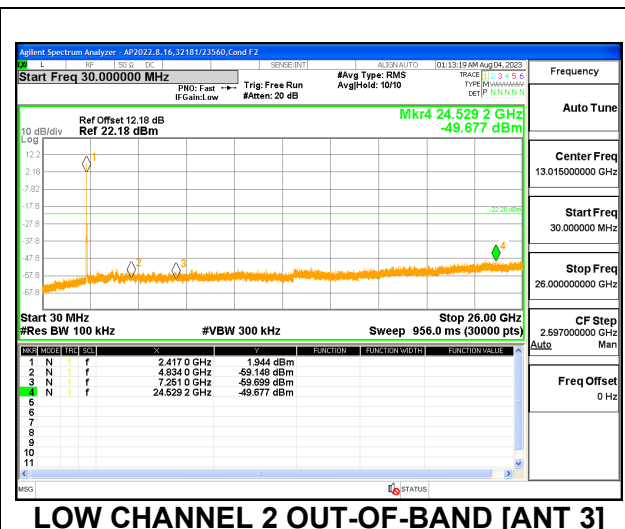
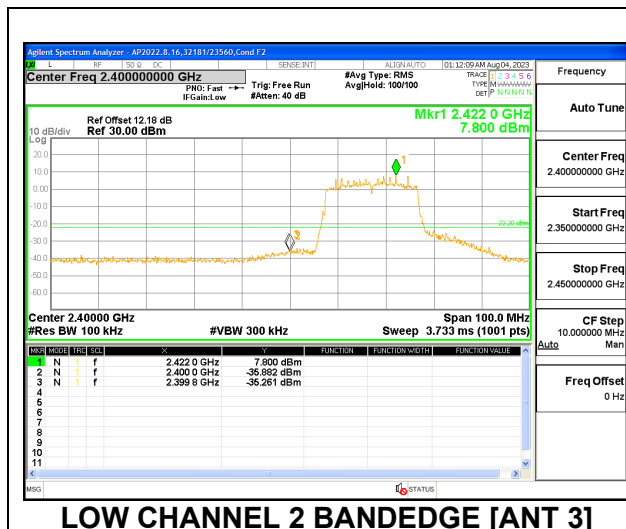
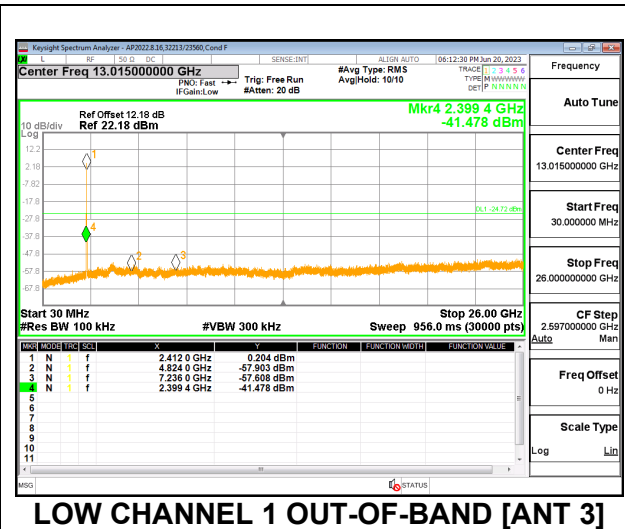
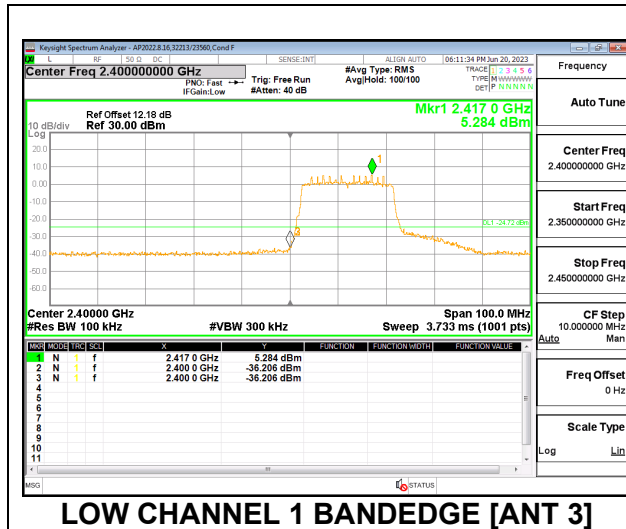




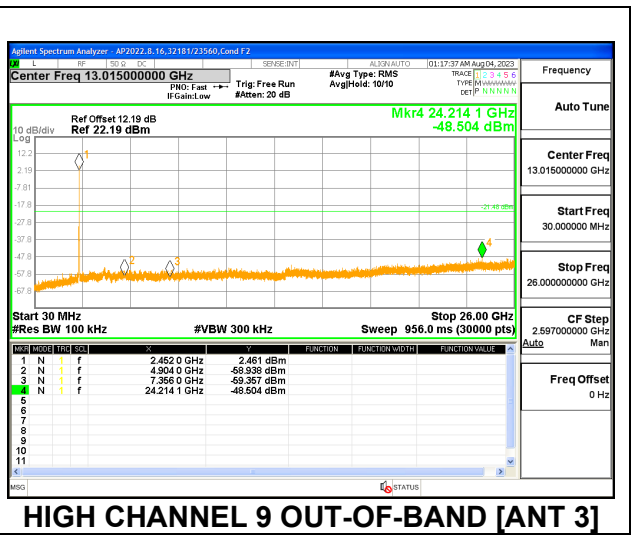
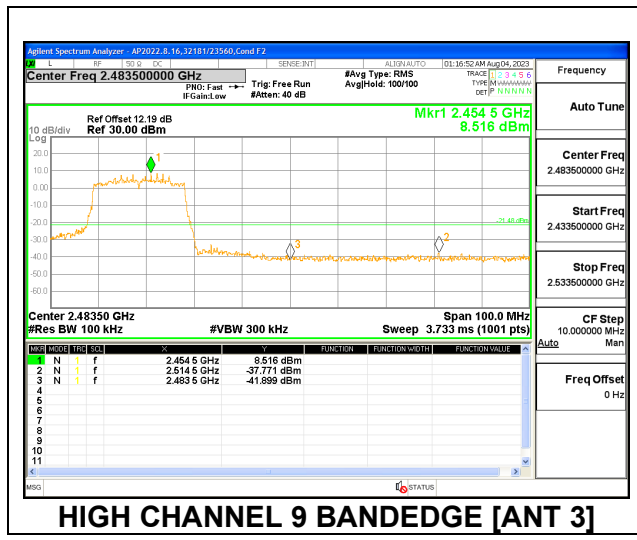
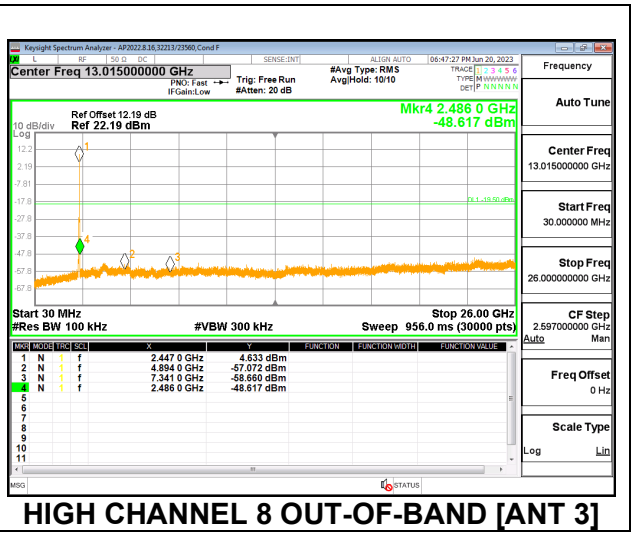
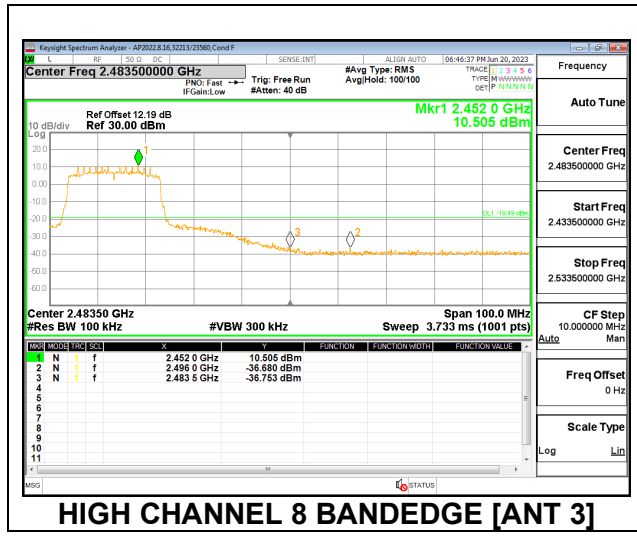
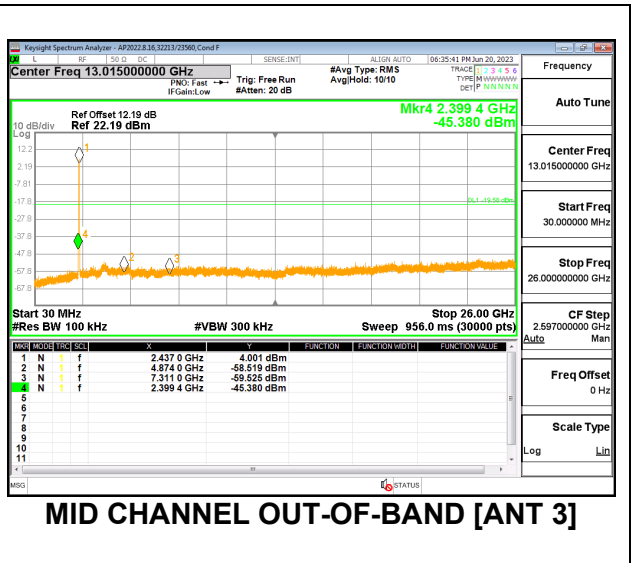
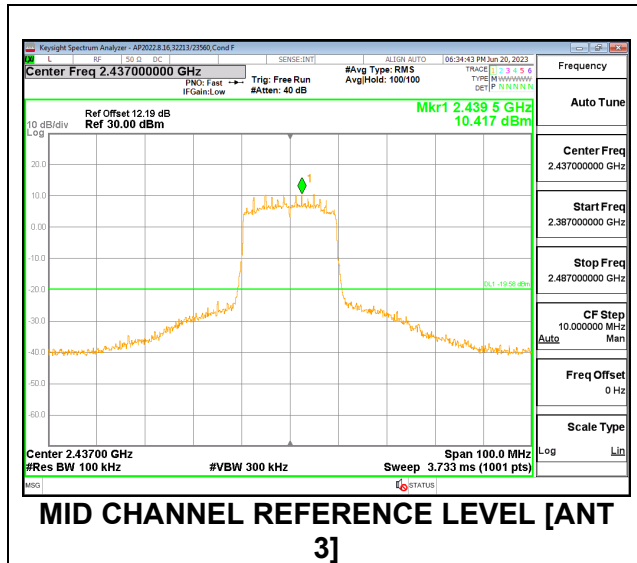
**HIGH CHANNEL 13 BANDEDGE [ANT 4]**

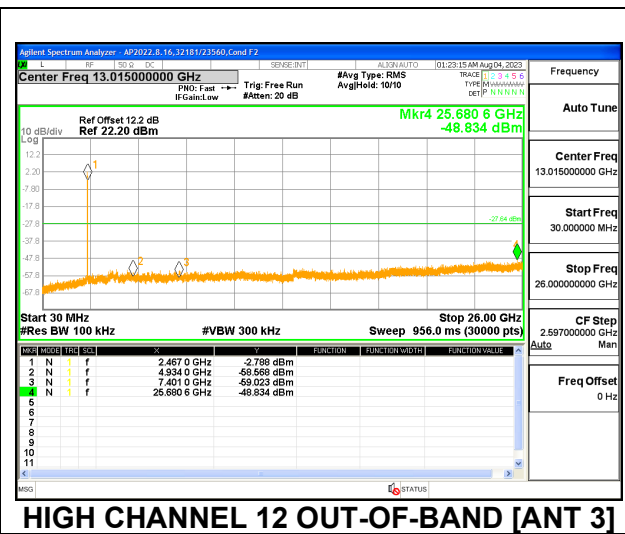
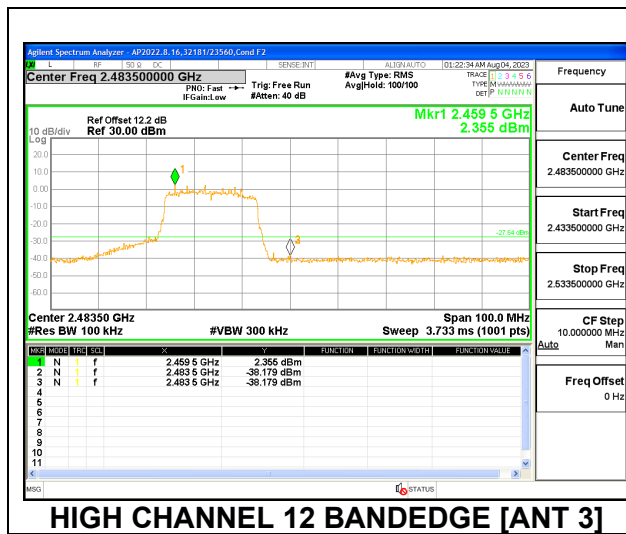
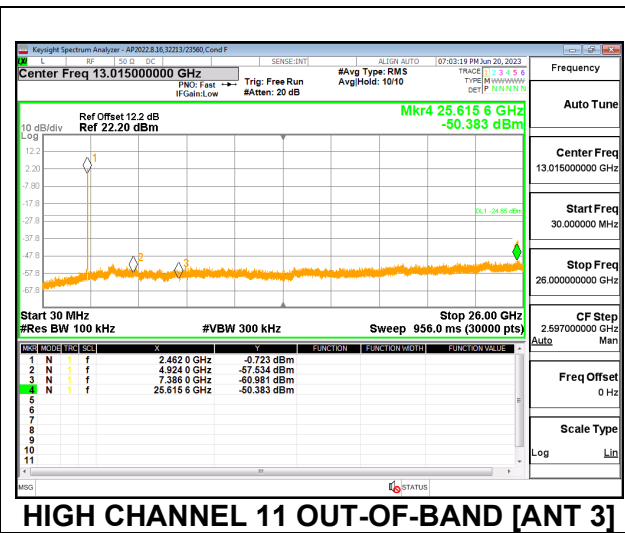
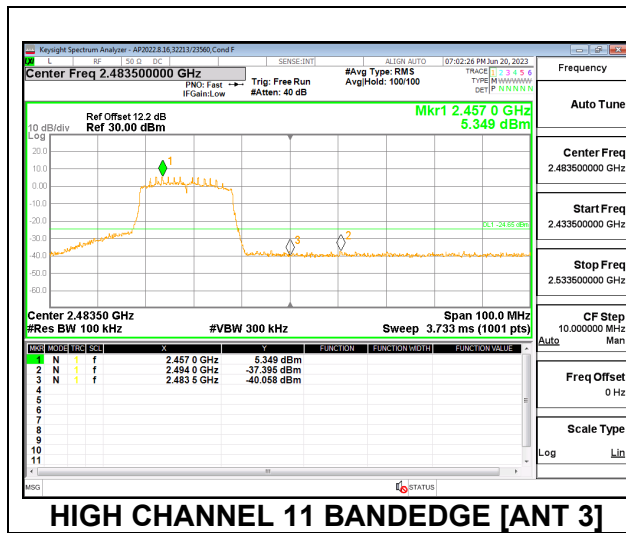
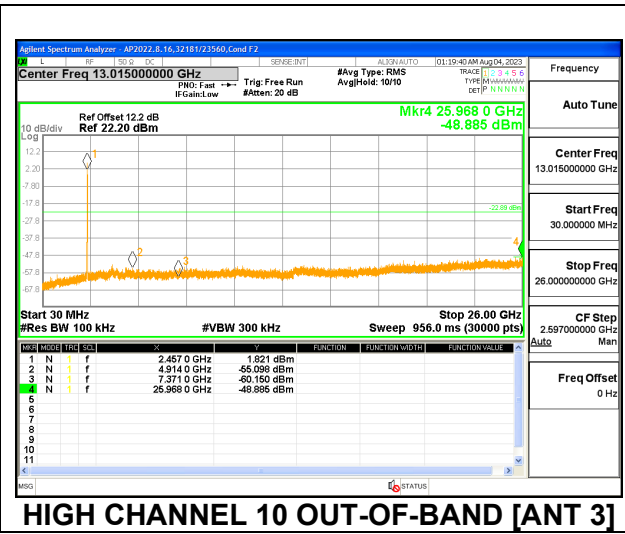
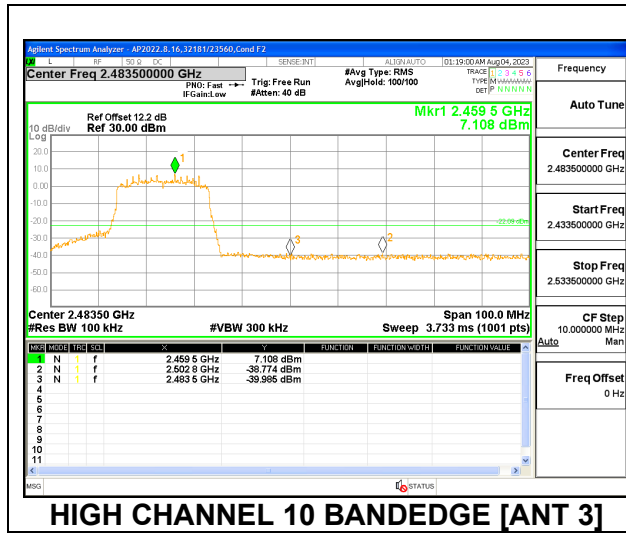


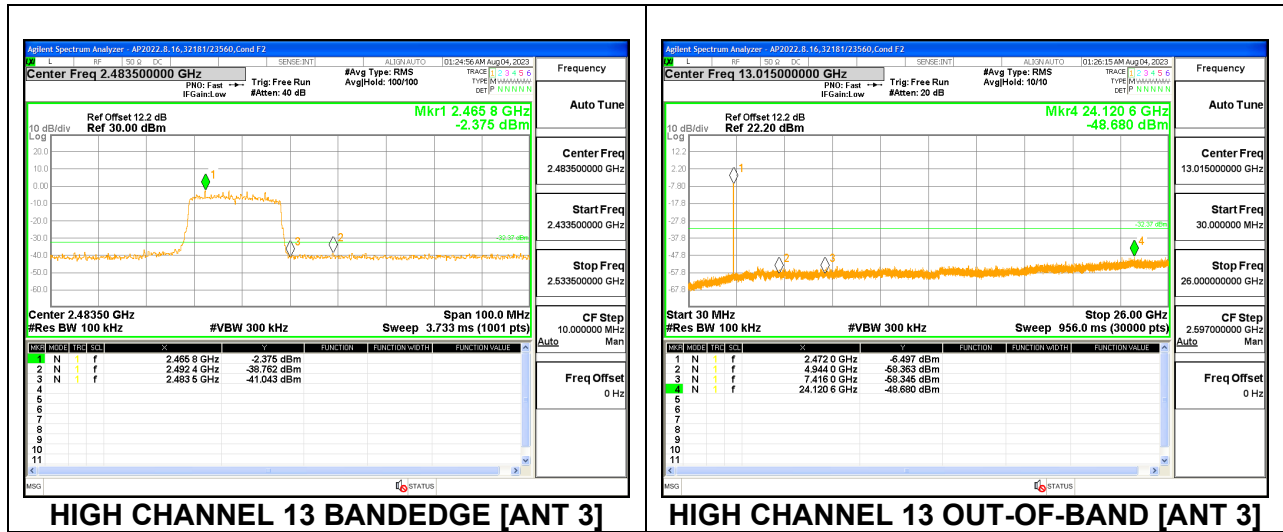
**HIGH CHANNEL 13 OUT-OF-BAND [ANT 4]**











## 10. RADIATED TEST RESULTS

### LIMITS

FCC §15.205 and §15.209  
RSS-GEN, Section 8.9 and 8.10

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

### TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The spectrum from 1 GHz to 18 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band. Below 1GHz and above 18GHz emissions, the channel with the highest output power was tested.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

Note: The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as report in the table) using free space impedance of 377 Ohms. For example, the measurement at frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to  $Y-51.5 = Z$  dBuA/m, which has the same margin, W dB to the corresponding RSS-Gen Table 6 limit as it has to 15.209(a) limit.

**KDB 414788 Open Field Site(OFS) and Chamber Correlation Justification**

Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

OFS and chamber correlation testing had been performed and chamber measured test result is the worst-case test result.

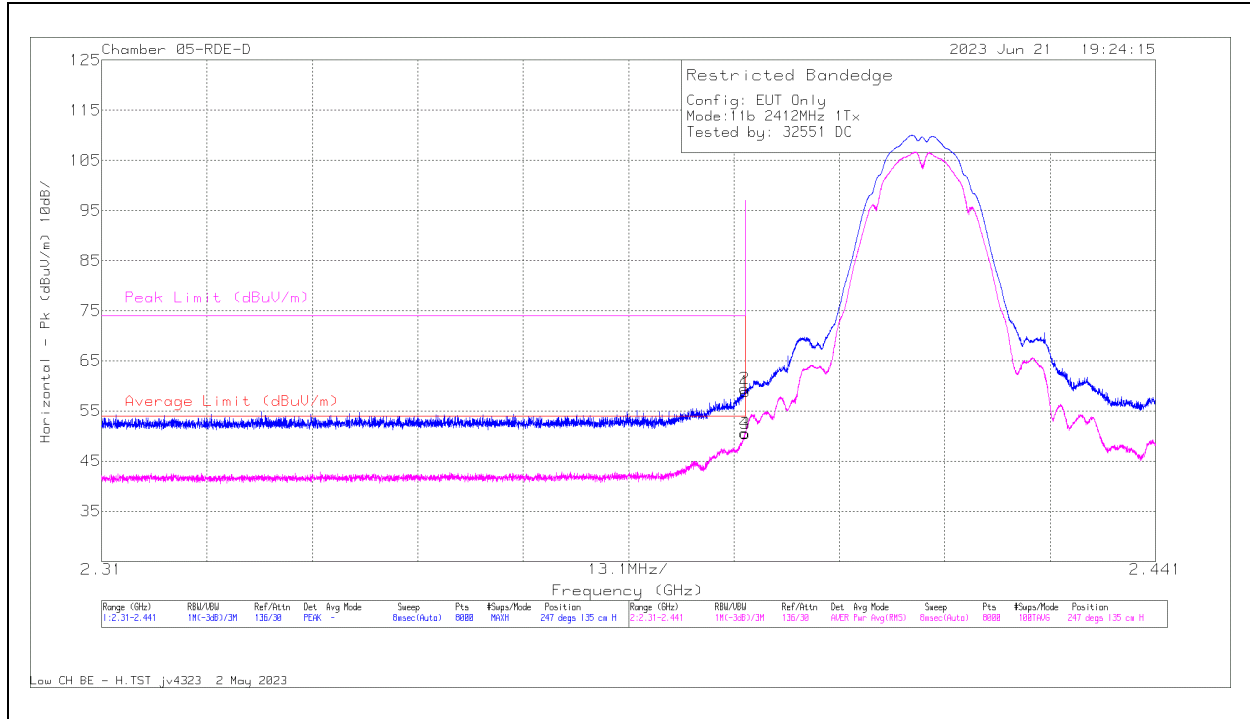
**RESULTS**

### 10.1. TRANSMITTER ABOVE 1 GHz

#### 10.1.1. 802.11b ANT 4 MODE IN THE 2.4 GHz BAND (BANDEDGE)

#### BANDEDGE (LOW CHANNEL, CH 1)

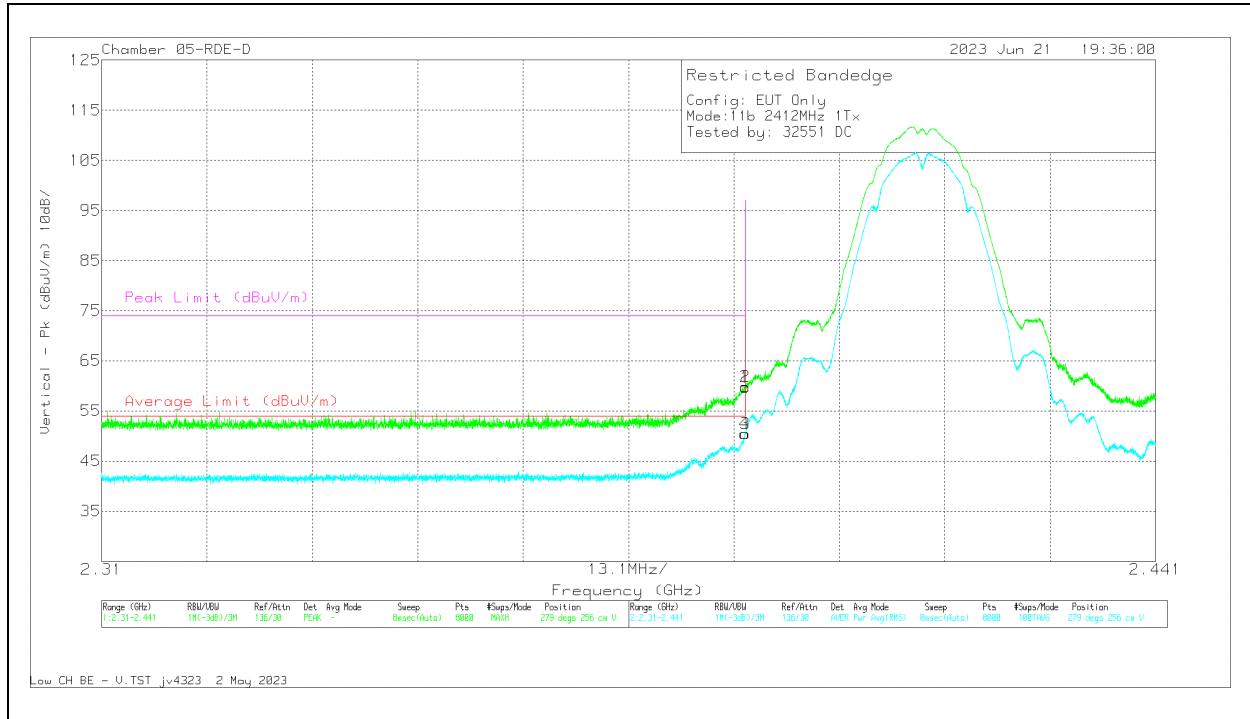
#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.39	67	Pk	32.5	0	-40.67	58.83	-	-	74	-15.17	247	135	H
2	2.389936	67.68	Pk	32.5	0	-40.67	59.51	-	-	74	-14.49	247	135	H
3	2.39	58.66	RMS	32.5	0	-40.67	50.49	54	-3.51	-	-	247	135	H
4	2.389969	58.78	RMS	32.5	0	-40.67	50.61	54	-3.39	-	-	247	135	H

Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

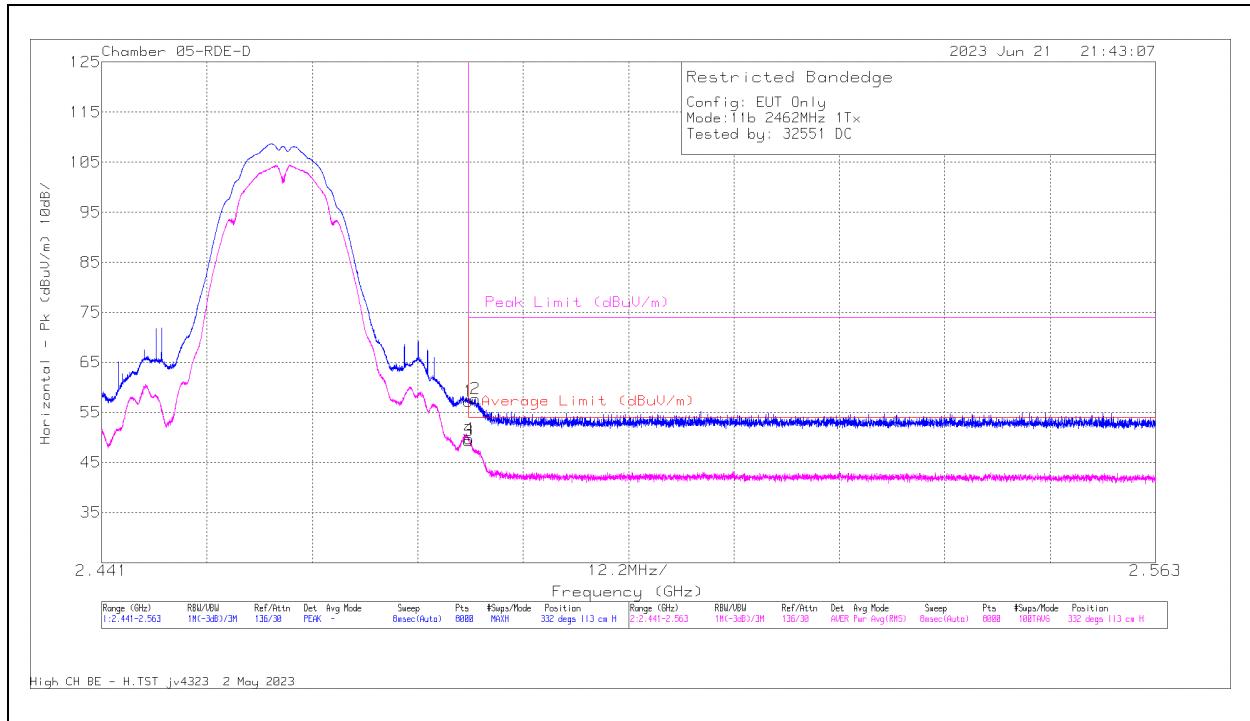


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.39	67.94	Pk	32.5	0	-40.67	59.77	-	-	74	-14.23	279	256	V
2	2.389985	68.01	Pk	32.5	0	-40.67	59.84	-	-	74	-14.16	279	256	V
3	2.39	58.65	RMS	32.5	0	-40.67	50.48	54	-3.52	-	-	279	256	V
4	2.389953	58.64	RMS	32.5	0	-40.67	50.47	54	-3.53	-	-	279	256	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 11)**

**HORIZONTAL RESULT**

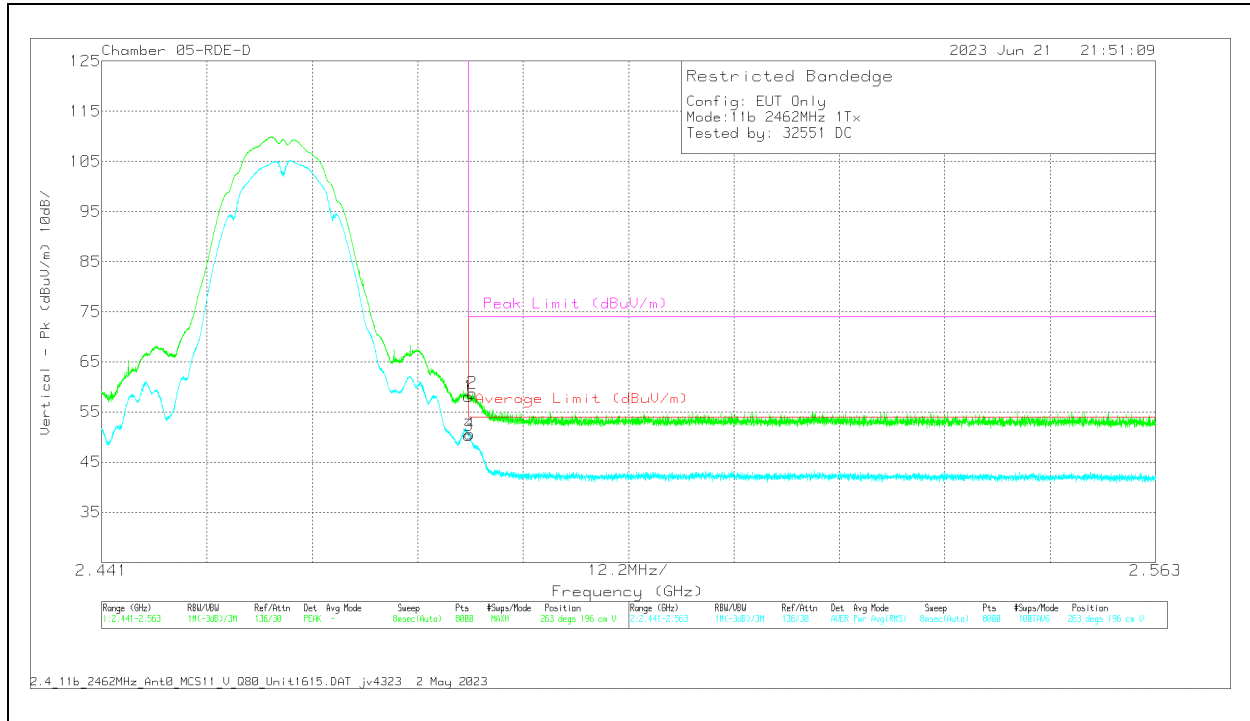


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	65.1	Pk	32.5	0	-40.38	57.22	-	-	74	-16.78	332	113	H
2	2.48427	65.53	Pk	32.5	0	-40.28	57.75	-	-	74	-16.25	332	113	H
3	2.4835	57.28	RMS	32.5	0	-40.38	49.4	54	-4.6	-	-	332	113	H
4	2.483523	57.63	RMS	32.5	0	-40.37	49.76	54	-4.24	-	-	332	113	H

Pk - Peak detector  
RMS - RMS detection



### VERTICAL RESULT

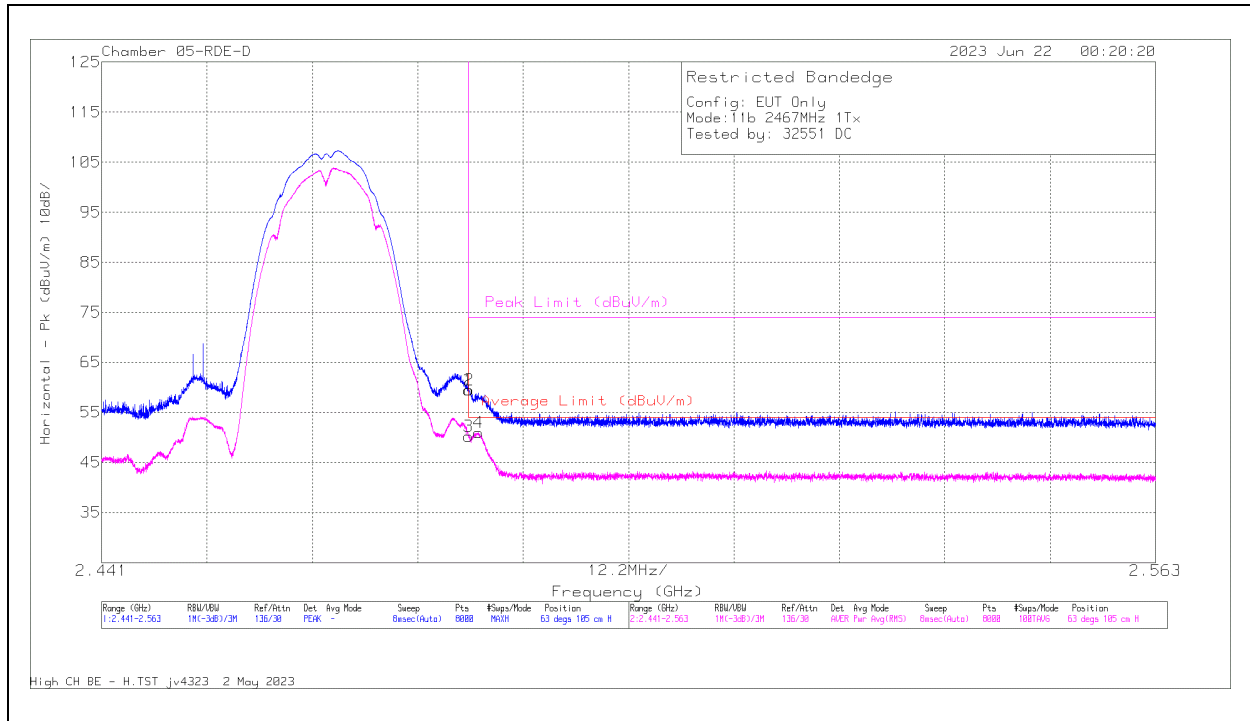


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	65.95	Pk	32.5	0	-40.38	58.07	-	-	74	-15.93	263	196	V
2	2.483919	66.59	PK	32.5	0	-40.3	58.79	-	-	74	-15.21	263	196	V
3	2.4835	58.18	RMS	32.5	0	-40.38	50.3	54	-3.7	-	-	263	196	V
4	2.483584	58.4	RMS	32.5	0	-40.36	50.54	54	-3.46	-	-	263	196	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 12)**

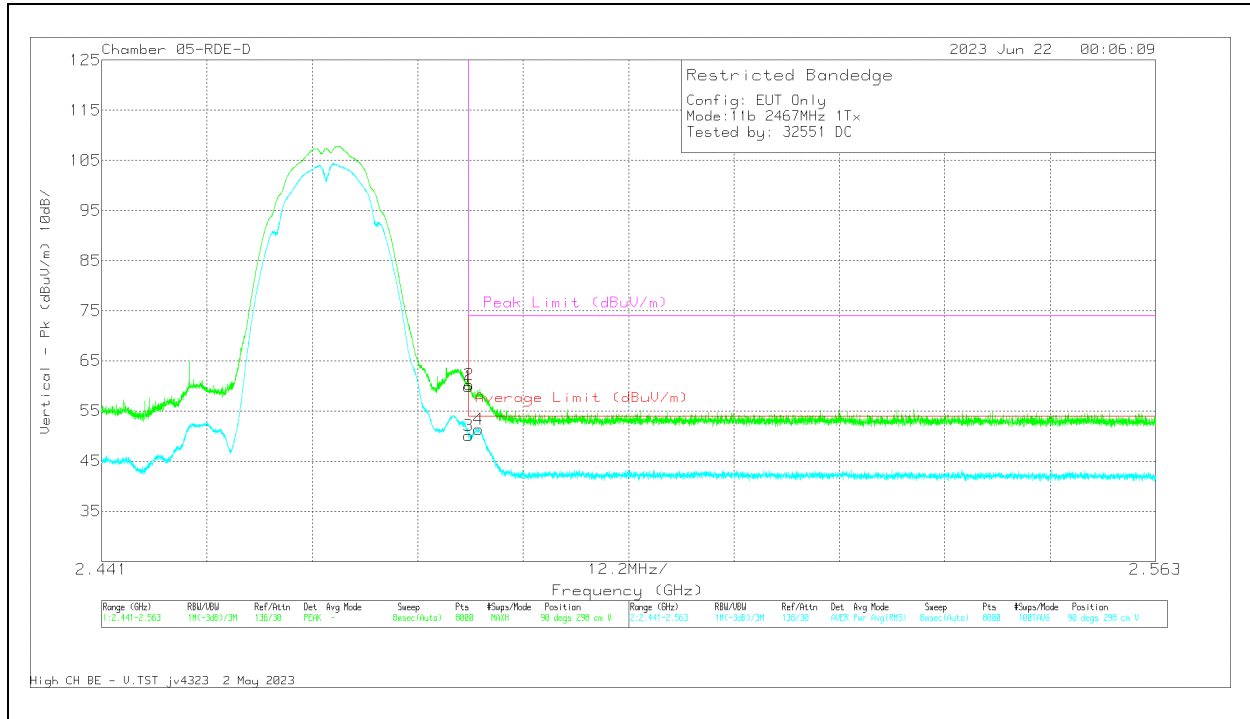
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	67.38	Pk	32.5	0	-40.38	59.5	-	-	74	-14.5	63	105	H
2	2.483553	67.32	Pk	32.5	0	-40.36	59.46	-	-	74	-14.54	63	105	H
3	2.4835	58.06	RMS	32.5	0	-40.38	50.18	54	-3.82	-	-	63	105	H
4	2.484605	58.72	RMS	32.5	0	-40.29	50.93	54	-3.07	-	-	63	105	H

Pk - Peak detector  
 RMS - RMS detection

**VERTICAL RESULT**

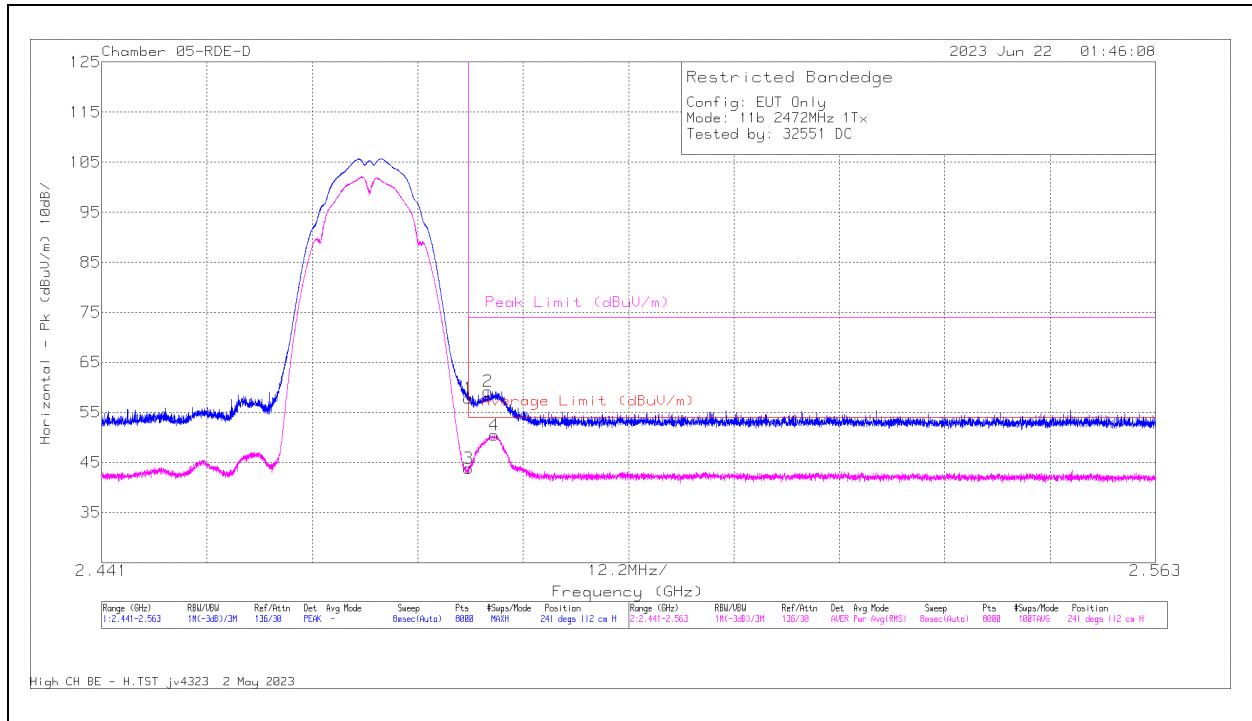


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	67.68	Pk	32.5	0	-40.38	59.8	-	-	74	-14.2	90	298	V
2	2.483553	68.04	Pk	32.5	0	-40.36	60.18	-	-	74	-13.82	90	298	V
3	2.4835	57.95	RMS	32.5	0	-40.38	50.07	54	-3.93	-	-	90	298	V
4	2.484621	59.18	RMS	32.5	0	-40.29	51.39	54	-2.61	-	-	90	298	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 13)**

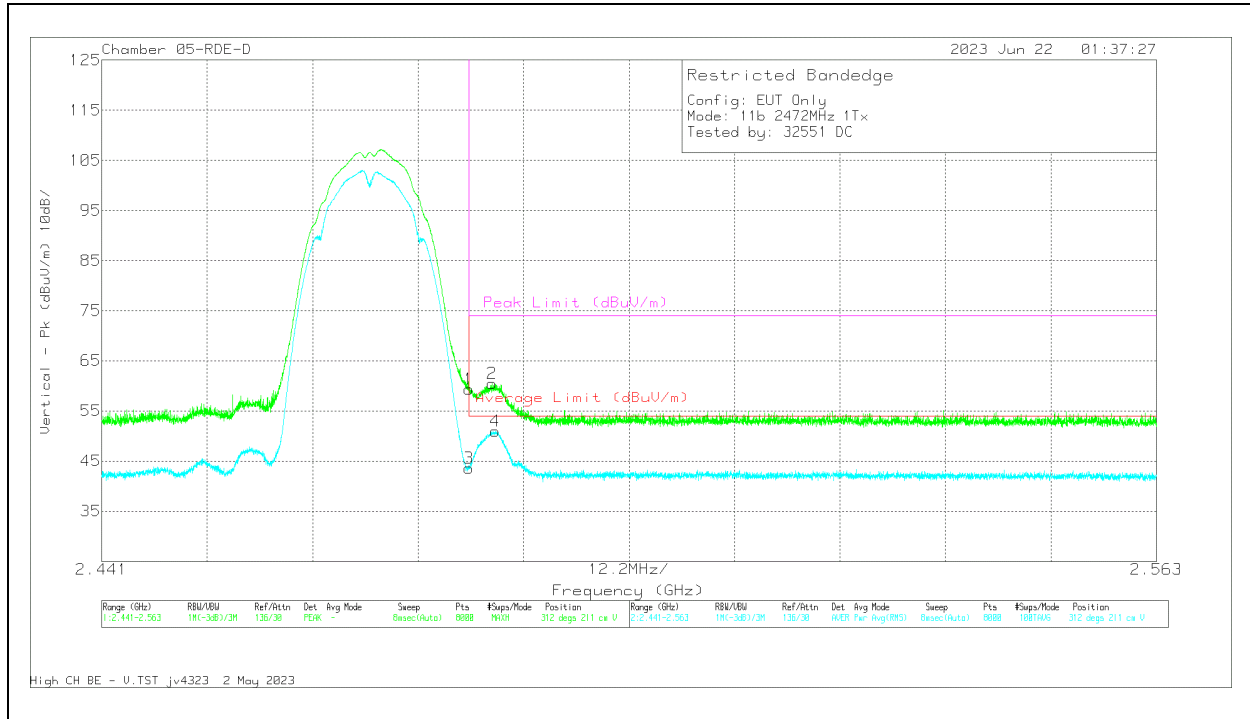
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	65.75	Pk	32.5	0	-40.38	57.87	-	-	74	-16.13	241	112	H
2	2.485749	66.97	Pk	32.5	0	-40.27	59.2	-	-	74	-14.8	241	112	H
3	2.4835	51.69	RMS	32.5	0	-40.38	43.81	54	-10.19	-	-	241	112	H
4	2.486436	58.2	RMS	32.5	0	-40.26	50.44	54	-3.56	-	-	241	112	H

Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

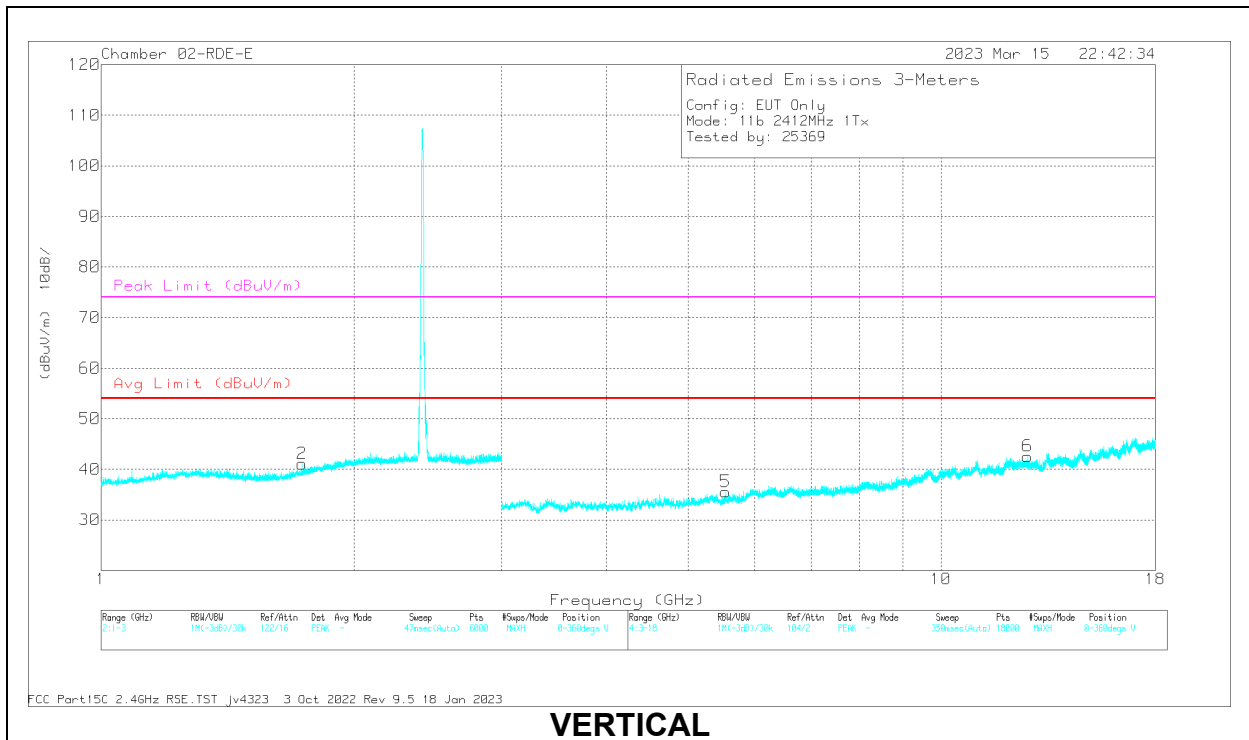
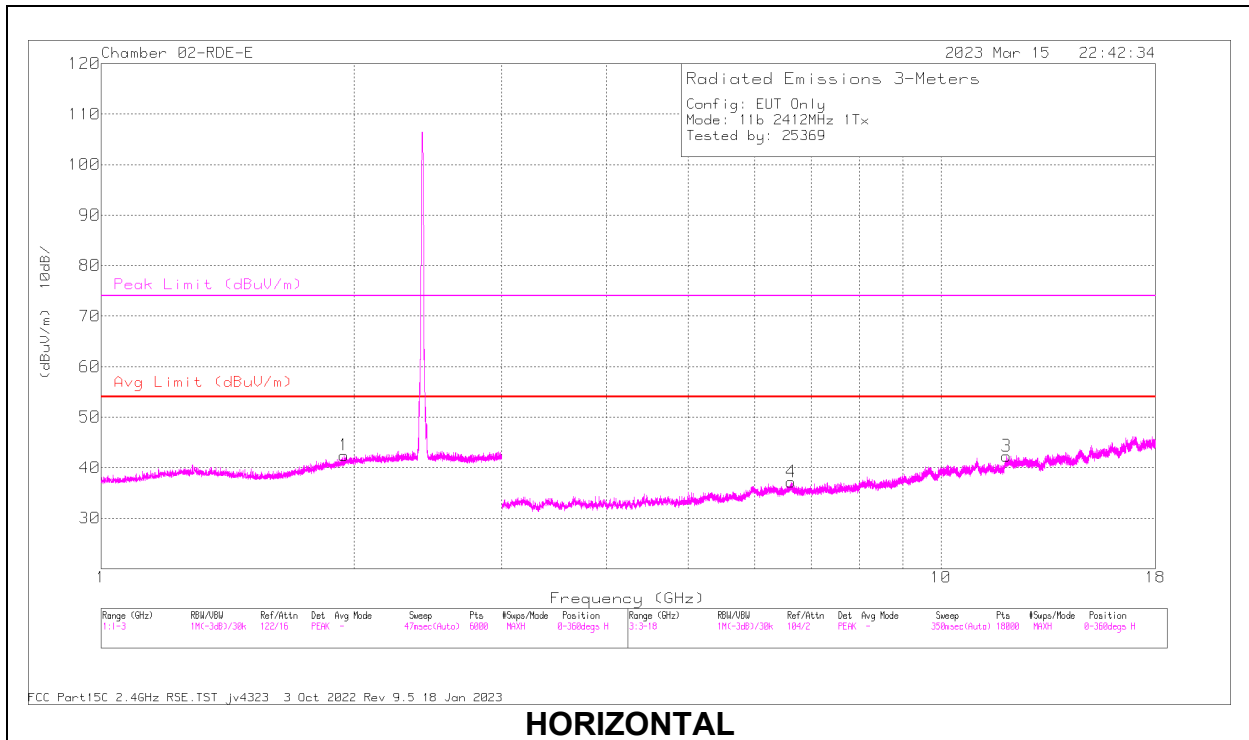


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	67.28	Pk	32.5	0	-40.38	59.4	-	-	74	-14.6	312	211	V
2	2.486131	68.28	Pk	32.5	0	-40.26	60.52	-	-	74	-13.48	312	211	V
3	2.4835	51.48	RMS	32.5	0	-40.38	43.6	54	-10.4	-	-	312	211	V
4	2.486527	58.7	RMS	32.5	0	-40.27	50.93	54	-3.07	-	-	312	211	V

Pk - Peak detector  
RMS - RMS detection

### 10.1.2. 802.11b ANT 4 MODE (HARMONICS AND SPURIOUS EMISSIONS)

#### LOW CHANNEL, CH 1 RESULTS



**RADIATED EMISSIONS**

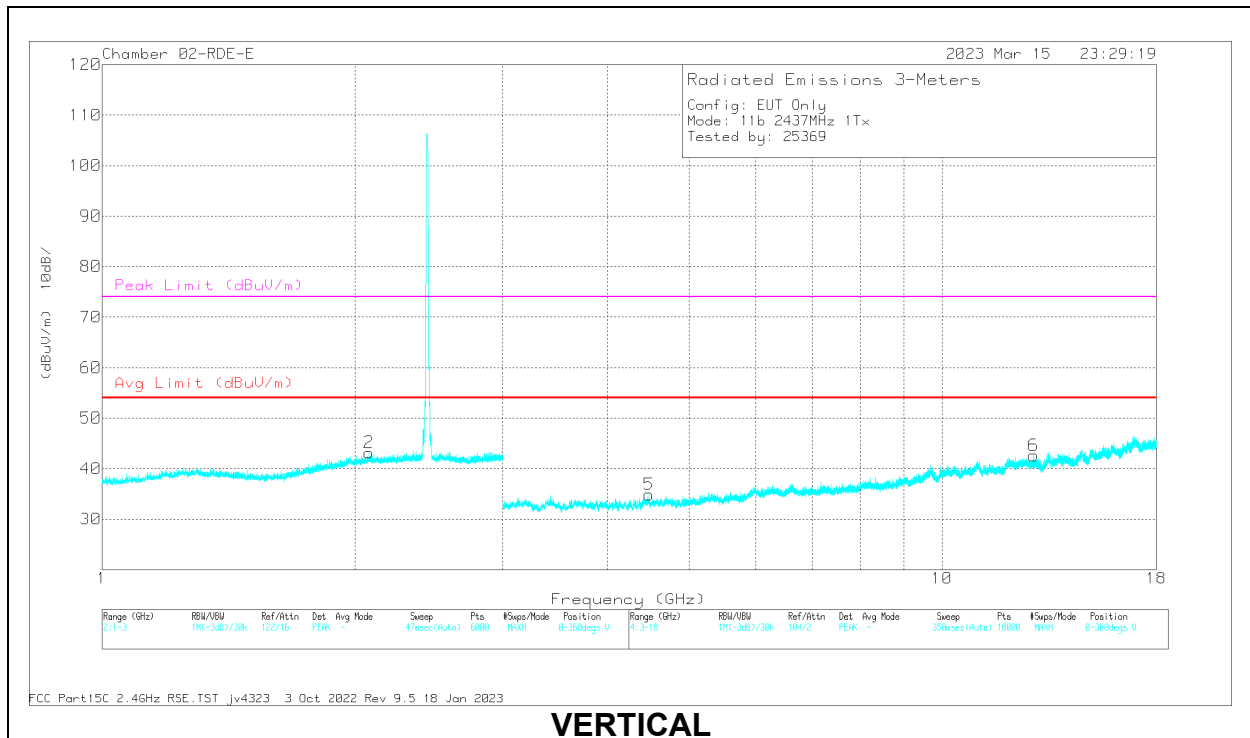
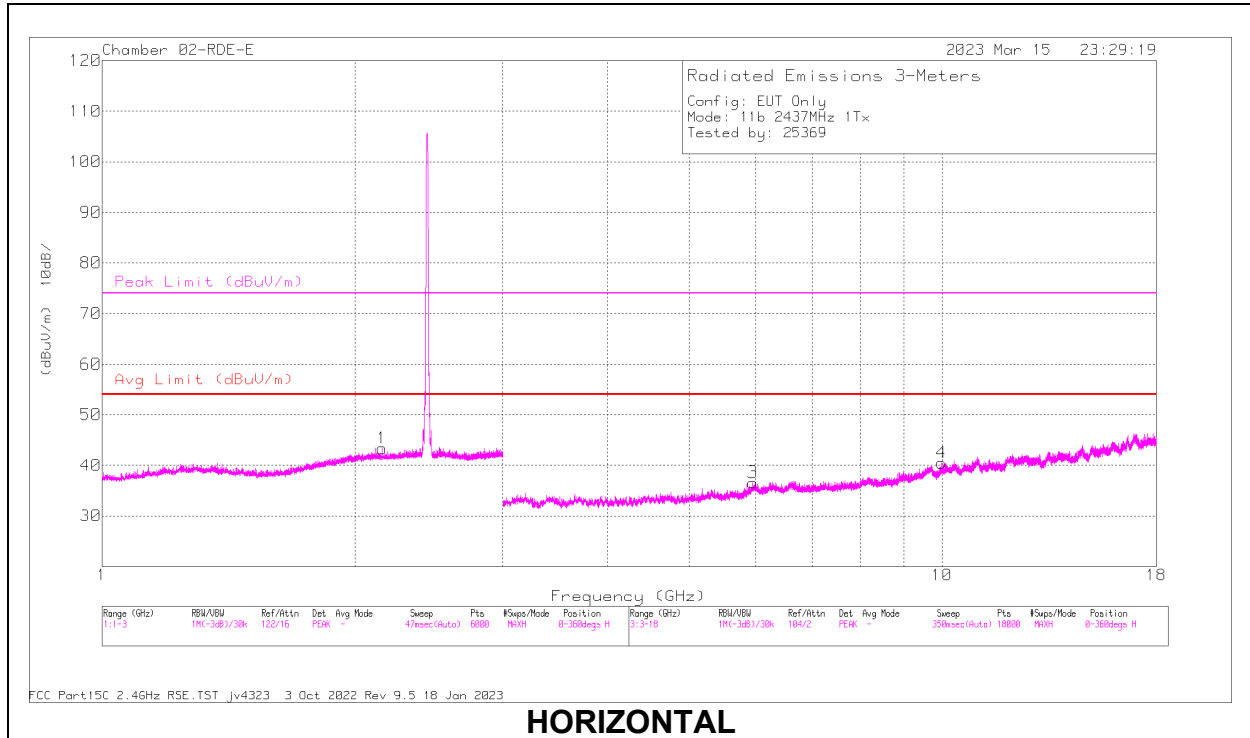
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB) 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 11.97294	55.13	PK2	38.8	-42.19	51.74	-	-	74	-22.26	360	199	H
	* 11.97397	43.29	MAv1	38.8	-42.18	39.91	54	-14.09	-	-	360	199	H
6	* 12.67745	54.44	PK2	38.9	-41.93	51.41	-	-	74	-22.59	360	101	V
	* 12.67963	42.9	MAv1	38.9	-41.92	39.88	54	-14.12	-	-	360	101	V
2	1.733026	59.94	PK2	29.3	-39.33	49.91	-	-	-	-	360	199	V
1	1.946486	60.35	PK2	30.9	-39.33	51.92	-	-	-	-	360	199	H
5	5.53992	56.78	PK2	34.4	-46.5	44.68	-	-	-	-	360	199	V
4	6.628374	54.48	PK2	35.5	-43.3	46.68	-	-	-	-	360	199	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### MID CHANNEL, CH 6 RESULTS





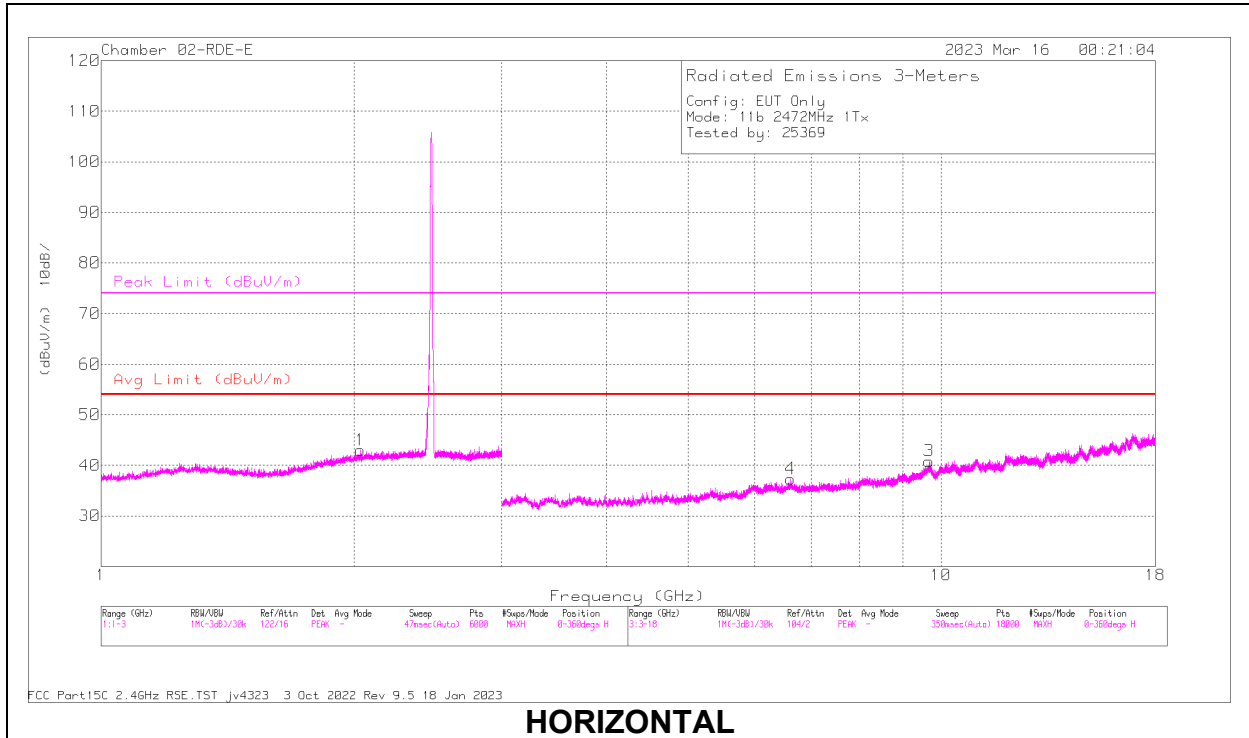
**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB) 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	2.076276	59.82	PK2	31.6	-39.12	52.3	74	-21.7	360	199	V
1	2.152662	59.95	PK2	31.7	-39.22	52.43	74	-21.57	360	199	H
5	4.478629	56.93	PK2	34	-46.47	44.46	74	-29.54	360	200	V
3	5.952449	56.38	PK2	35.1	-44.92	46.56	74	-27.44	360	200	H
4	9.992309	57.57	PK2	37.3	-45.59	49.28	74	-24.72	360	200	H
6	12.853946	54.23	PK2	39	-41.97	51.26	74	-22.74	360	200	V

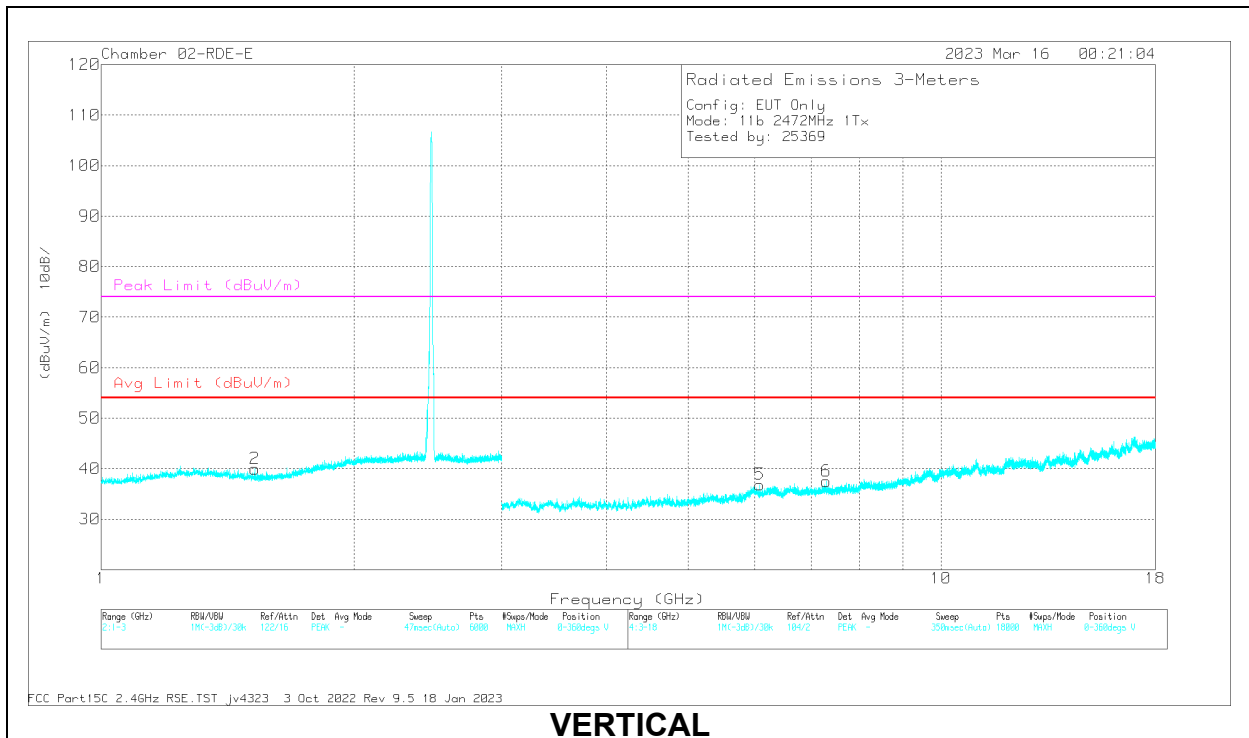
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

### HIGH CHANNEL, CH 13 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

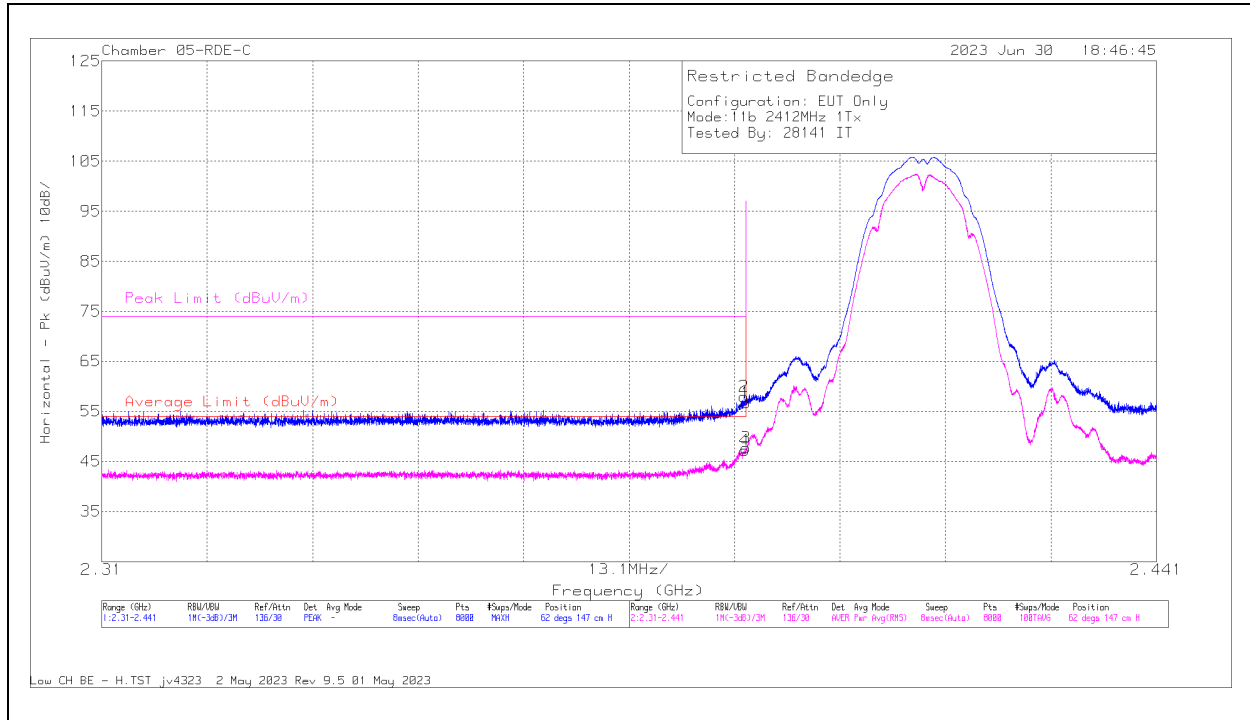
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB) 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 1.52399	60	PK2	28.2	-39.21	48.99	-	-	74	-25.01	360	101	V
	* 1.52541	48.2	MAv1	28.2	-39.2	37.20	54	-16.8	-	-	360	101	V
6	* 7.30109	55.6	PK2	35.6	-44.73	46.47	-	-	74	-27.53	360	101	V
	* 7.30235	43.72	MAv1	35.6	-44.76	34.56	54	-19.44	-	-	360	101	V
1	2.035691	60.87	PK2	31.4	-39.14	53.13	-	-	74	-20.87	360	199	H
5	6.085081	55.03	PK2	35.3	-44.75	45.58	-	-	74	-28.42	360	198	V
4	6.617995	54.36	PK2	35.5	-43.38	46.48	-	-	74	-27.52	360	101	H
3	9.677636	56.91	PK2	36.8	-44.03	49.68	-	-	74	-24.32	360	198	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 MAv1 - KDB558074 Option 1 Maximum RMS Average

**10.1.3. 802.11b ANT 3 MODE IN THE 2.4 GHz BAND (BANDEDGE)**

**BANDEDGE (LOW CHANNEL, CH 1)**

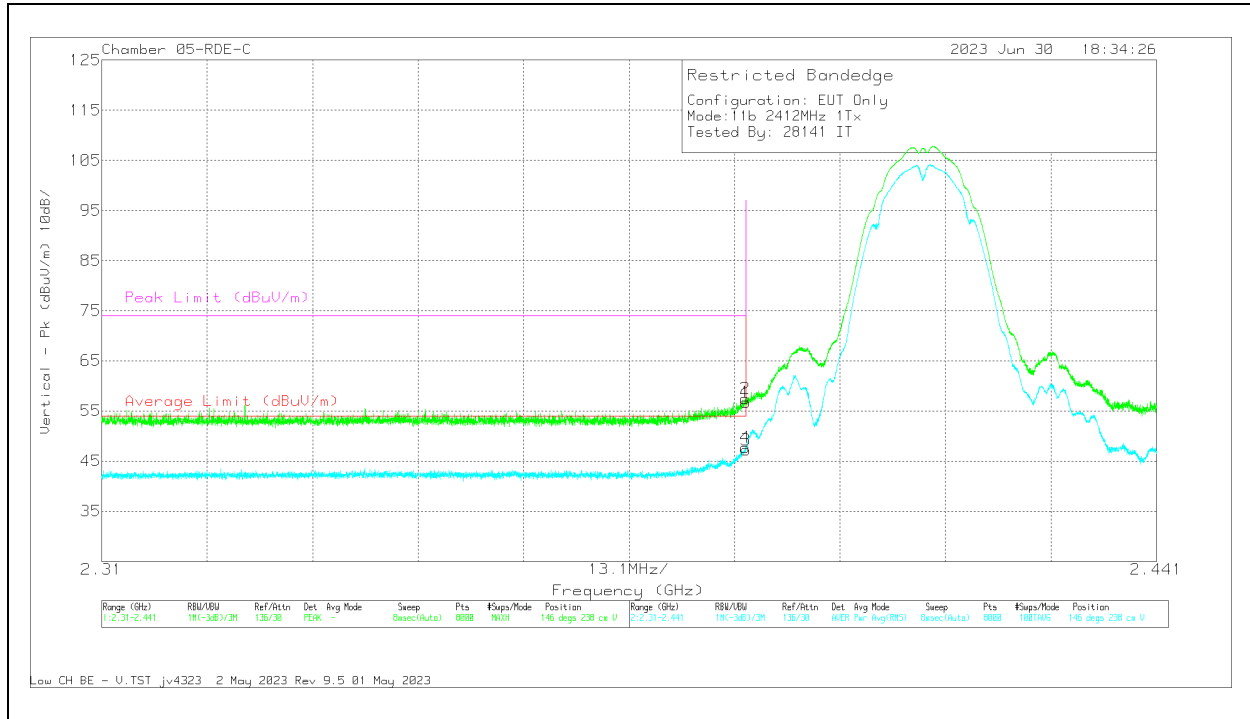
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.39	64.97	Pk	32.1	0	-40.36	56.71	-	-	74	-17.29	62	147	H
2	2.389789	66.18	Pk	32.1	0	-40.35	57.93	-	-	74	-16.07	62	147	H
3	2.39	55.95	RMS	32.1	0	-40.36	47.69	54	-6.31	-	-	62	147	H
4	2.389871	55.42	RMS	32.1	0	-40.35	47.17	54	-6.83	-	-	62	147	H

Pk - Peak detector  
 RMS - RMS detection

**VERTICAL RESULT**

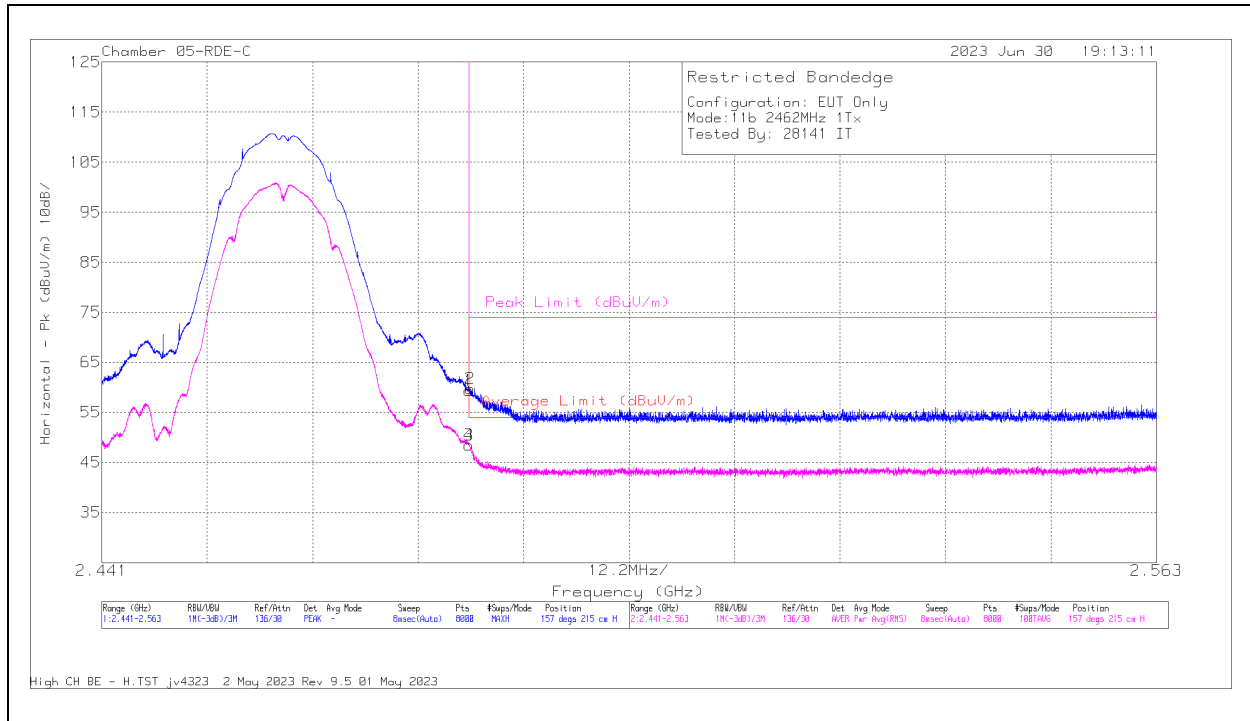


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.39	65	Pk	32.1	0	-40.36	56.74	-	-	74	-17.26	146	238	V
2	2.38992	65.7	Pk	32.1	0	-40.35	57.45	-	-	74	-16.55	146	238	V
3	2.39	55.45	RMS	32.1	0	-40.36	47.19	54	-6.81	-	-	146	238	V
4	2.389969	56	RMS	32.1	0	-40.36	47.74	54	-6.26	-	-	146	238	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 11)**

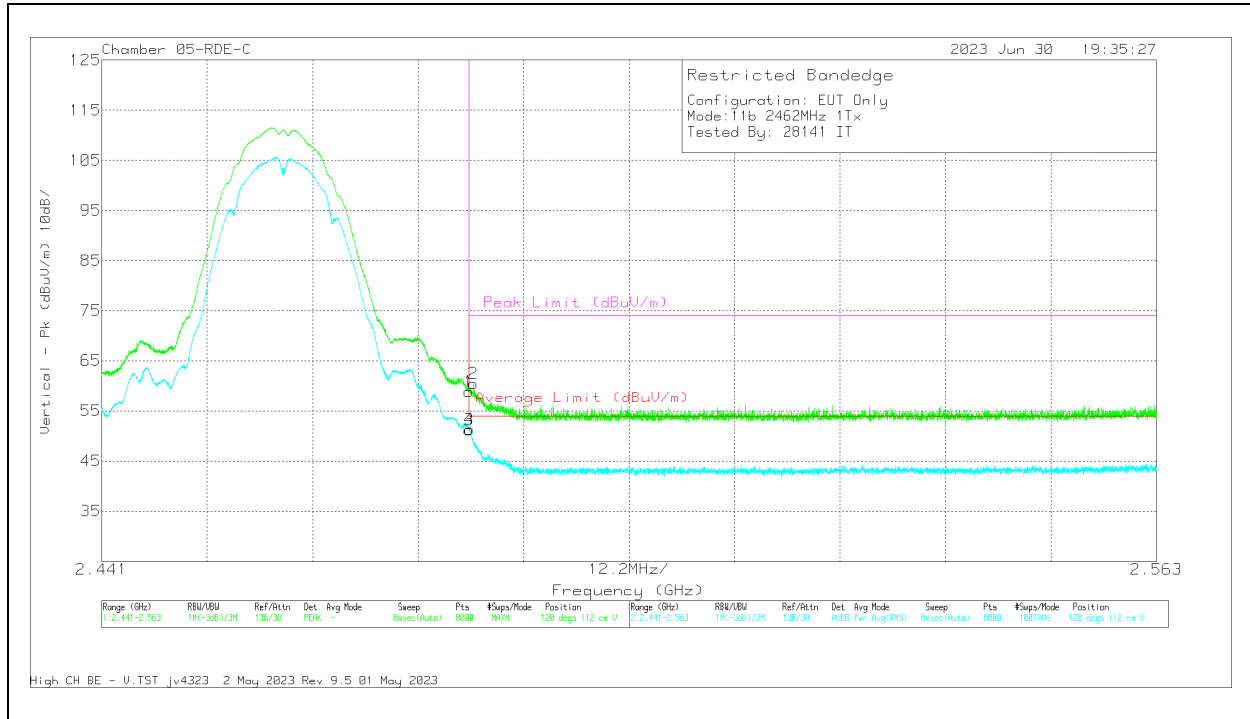
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	67.27	Pk	32.4	0	-40.35	59.32	-	-	74	-14.68	157	215	H
2	2.483584	67.72	Pk	32.4	0	-40.35	59.77	-	-	74	-14.23	157	215	H
3	2.4835	56.45	RMS	32.4	0	-40.35	48.5	54	-5.5	-	-	157	215	H
4	2.483507	56.42	RMS	32.4	0	-40.35	48.47	54	-5.53	-	-	157	215	H

Pk - Peak detector  
RMS - RMS detection

### VERTICAL RESULT

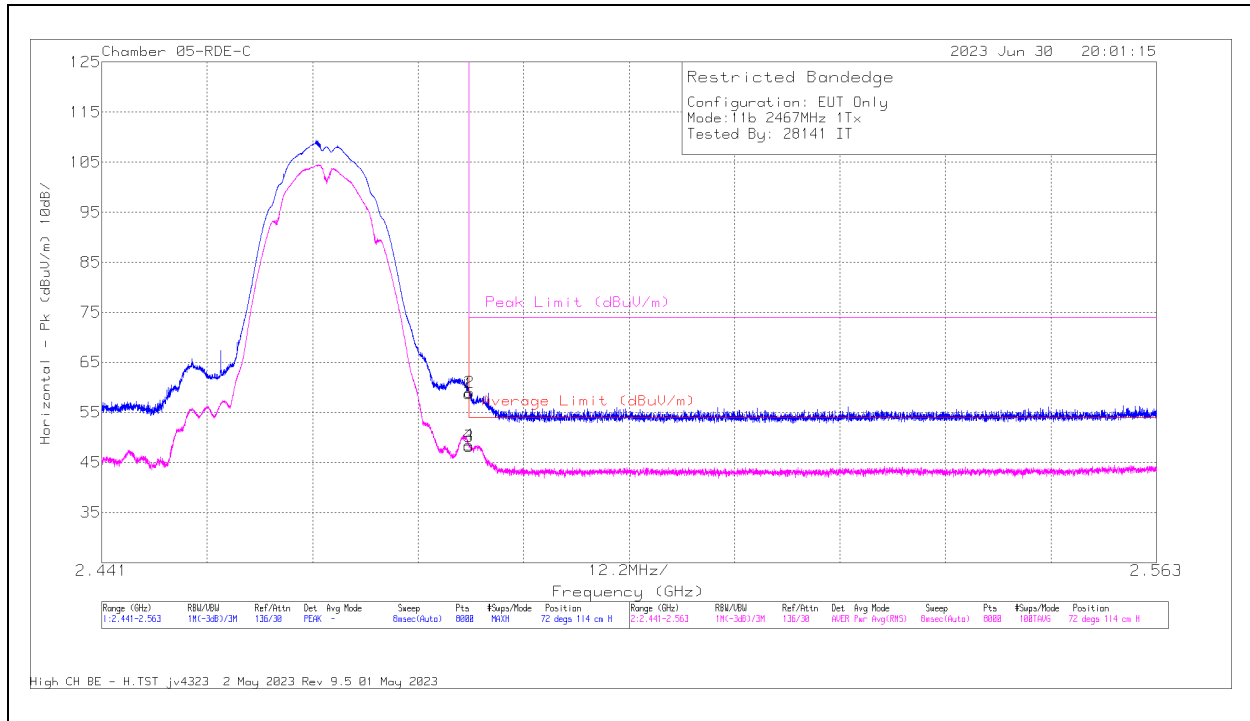


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	66.82	Pk	32.4	0	-40.35	58.87	-	-	74	-15.13	120	112	V
2	2.484011	68.4	Pk	32.4	0	-40.36	60.44	-	-	74	-13.56	120	112	V
3	2.4835	59.22	RMS	32.4	0	-40.35	51.27	54	-2.73	-	-	120	112	V
4	2.483523	59.27	RMS	32.4	0	-40.35	51.32	54	-2.68	-	-	120	112	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 12)**

**HORIZONTAL RESULT**

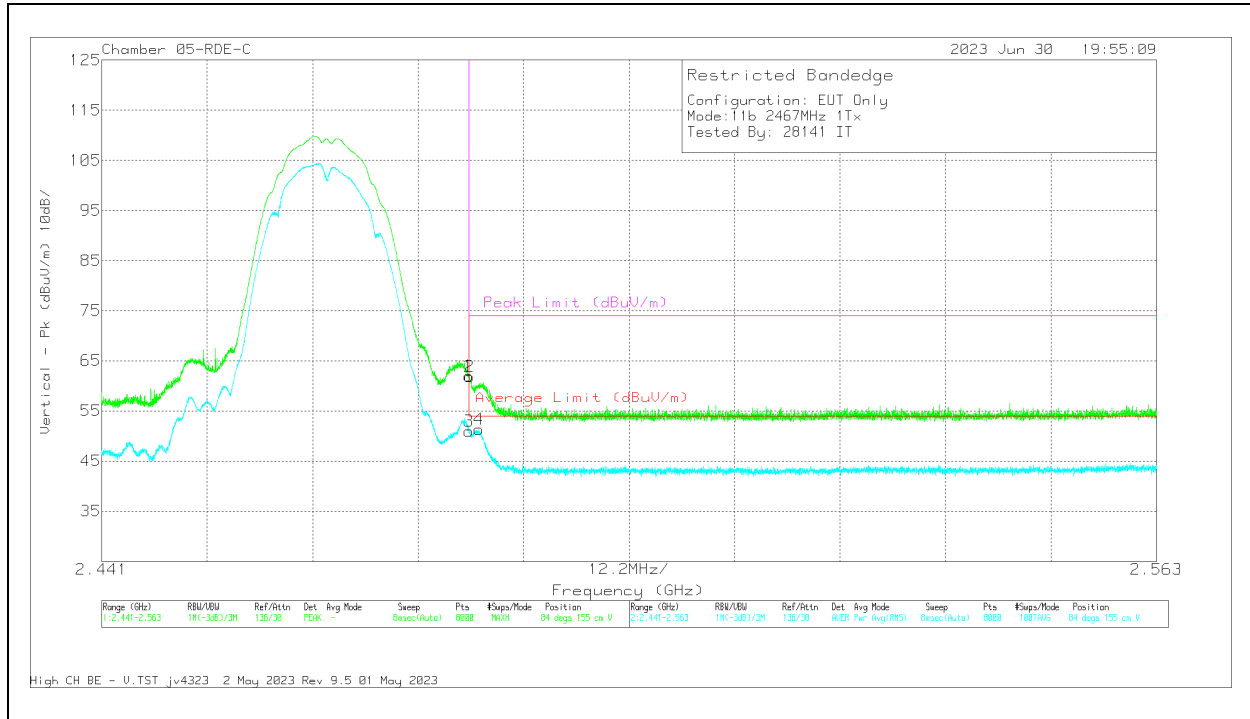


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	66.73	Pk	32.4	0	-40.35	58.78	-	-	74	-15.22	72	114	H
2	2.483538	66.93	Pk	32.4	0	-40.35	58.98	-	-	74	-15.02	72	114	H
3	2.4835	56.2	RMS	32.4	0	-40.35	48.25	54	-5.75	-	-	72	114	H
4	2.483507	56.45	RMS	32.4	0	-40.35	48.5	54	-5.5	-	-	72	114	H

Pk - Peak detector  
RMS - RMS detection



**VERTICAL RESULT**

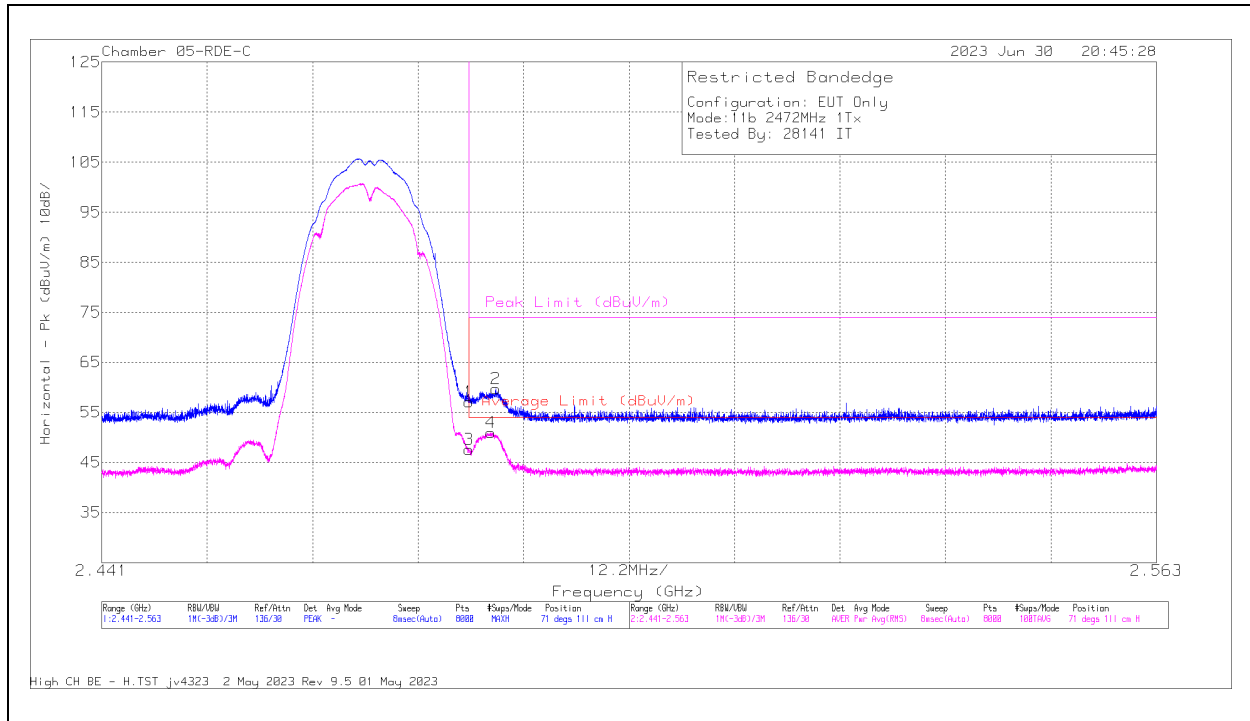


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	69.89	Pk	32.4	0	-40.35	61.94	-	-	74	-12.06	84	155	V
2	2.483538	69.75	Pk	32.4	0	-40.35	61.8	-	-	74	-12.2	84	155	V
3	2.4835	58.91	RMS	32.4	0	-40.35	50.96	54	-3.04	-	-	84	155	V
4	2.484605	59.16	RMS	32.5	0	-40.26	51.4	54	-2.6	-	-	84	155	V

Pk - Peak detector  
RMS - RMS detection

**BANDEGE (HIGH CHANNEL, CH 13)**

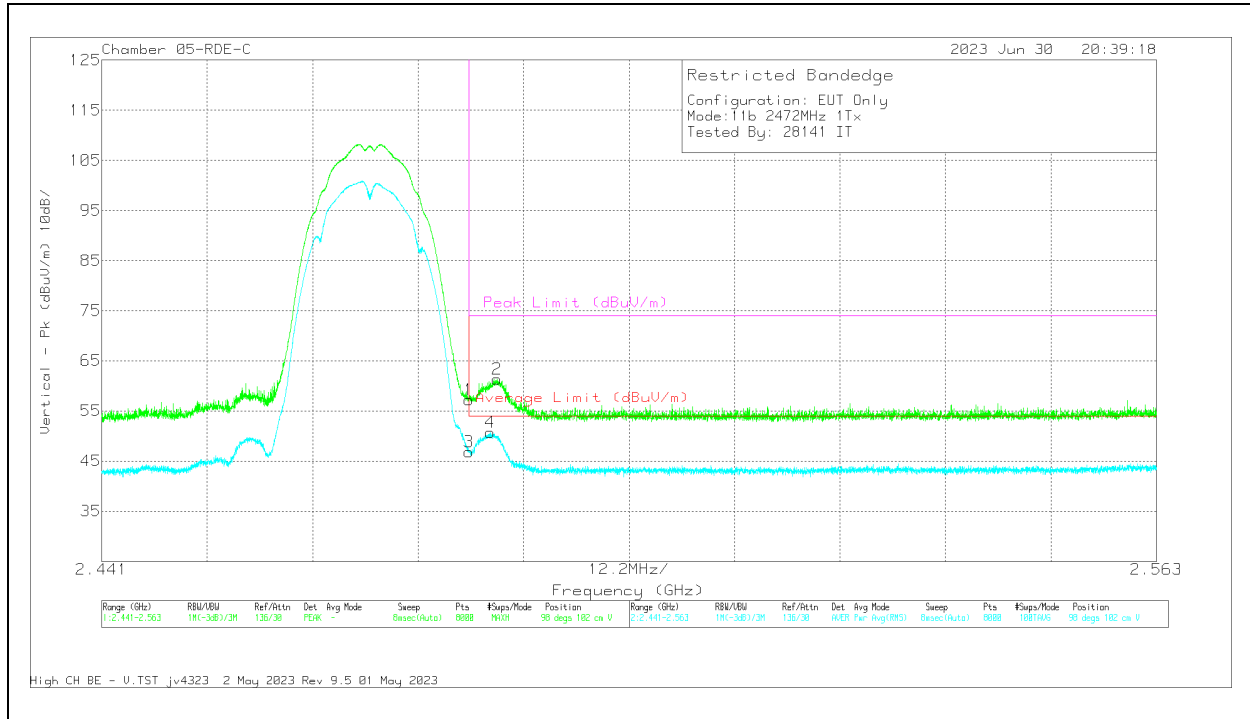
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	65.09	Pk	32.4	0	-40.35	57.14	-	-	74	-16.86	71	111	H
2	2.486588	67.49	Pk	32.5	0	-40.29	59.7	-	-	74	-14.3	71	111	H
3	2.4835	55.54	RMS	32.4	0	-40.35	47.59	54	-6.41	-	-	71	111	H
4	2.486009	58.79	RMS	32.5	0	-40.31	50.98	54	-3.02	-	-	71	111	H

Pk - Peak detector  
RMS - RMS detection

### VERTICAL RESULT

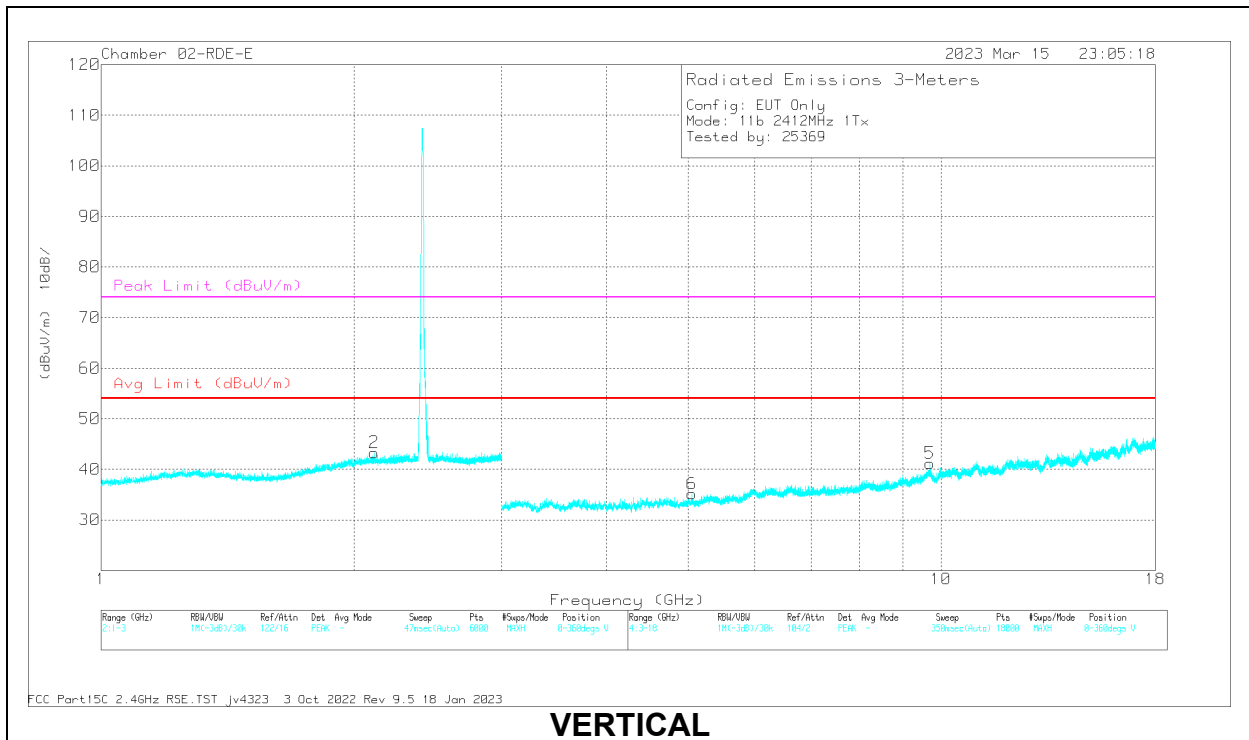
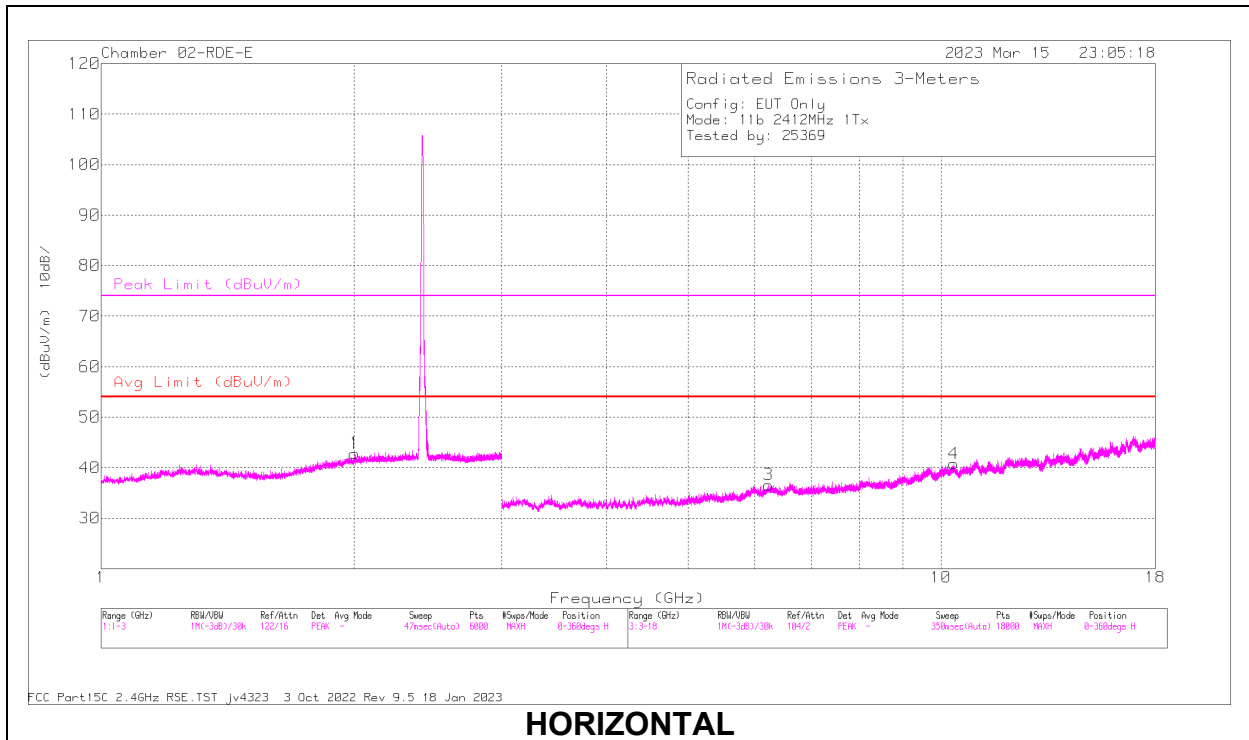


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	65.15	Pk	32.4	0	-40.35	57.2	-	-	74	-16.8	98	102	V
2	2.486756	69.19	Pk	32.5	0	-40.28	61.41	-	-	74	-12.59	98	102	V
3	2.4835	54.8	RMS	32.4	0	-40.35	46.85	54	-7.15	-	-	98	102	V
4	2.485963	58.49	RMS	32.5	0	-40.31	50.68	54	-3.32	-	-	98	102	V

Pk - Peak detector  
RMS - RMS detection

### 10.1.4. 802.11b ANT 3 MODE (HARMONICS AND SPURIOUS EMISSIONS)

#### LOW CHANNEL, CH 1 RESULTS



**RADIATED EMISSIONS**

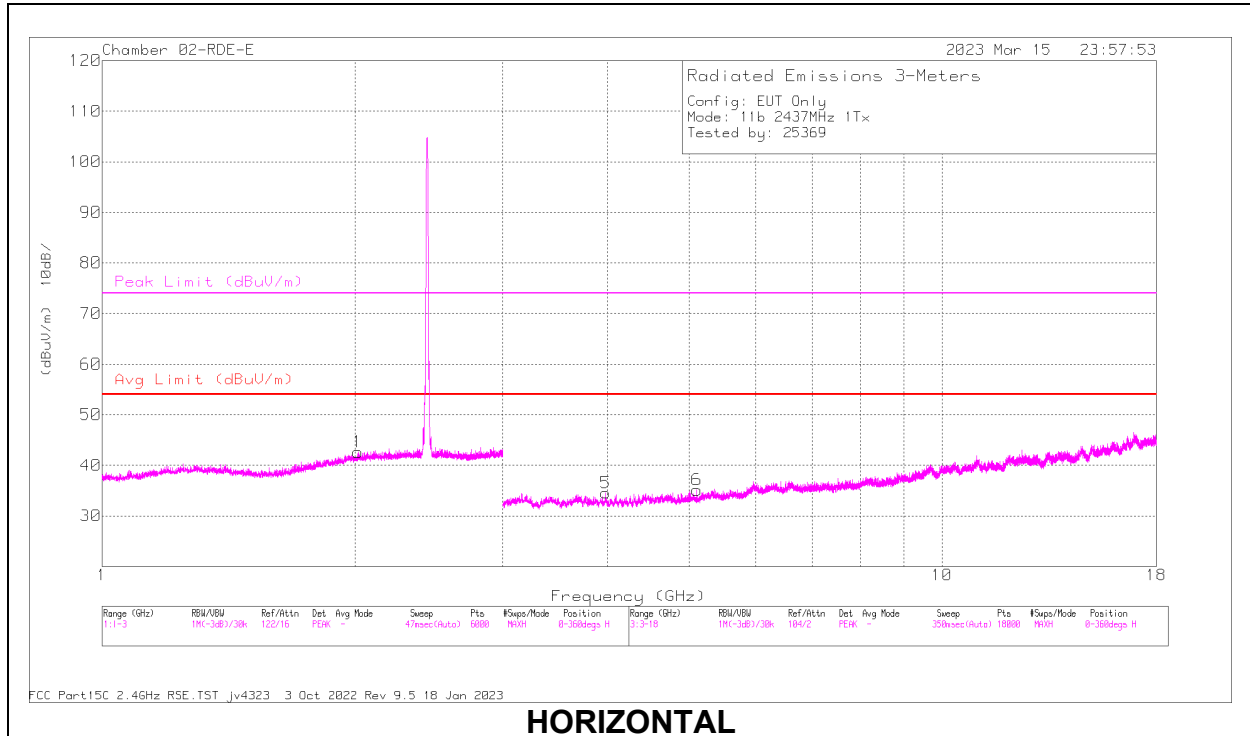
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB) 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.05205	57.65	PK2	34.1	-47.42	44.33	-	-	74	-29.67	360	199	V
	* 5.05217	45.82	MAv1	34.1	-47.41	32.51	54	-21.49	-	-	360	199	V
1	2.001062	59.82	PK2	31.2	-39.21	51.81	-	-	74	-22.19	360	200	H
2	2.115795	59.67	PK2	31.7	-39.15	52.22	-	-	74	-21.78	360	200	V
3	6.231924	54.69	PK2	35.4	-43.99	46.1	-	-	74	-27.9	360	200	H
5	9.707946	57.11	PK2	36.8	-44.31	49.6	-	-	74	-24.4	360	101	V
4	10.351175	56.78	PK2	37.5	-44.29	49.99	-	-	74	-24.01	360	101	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

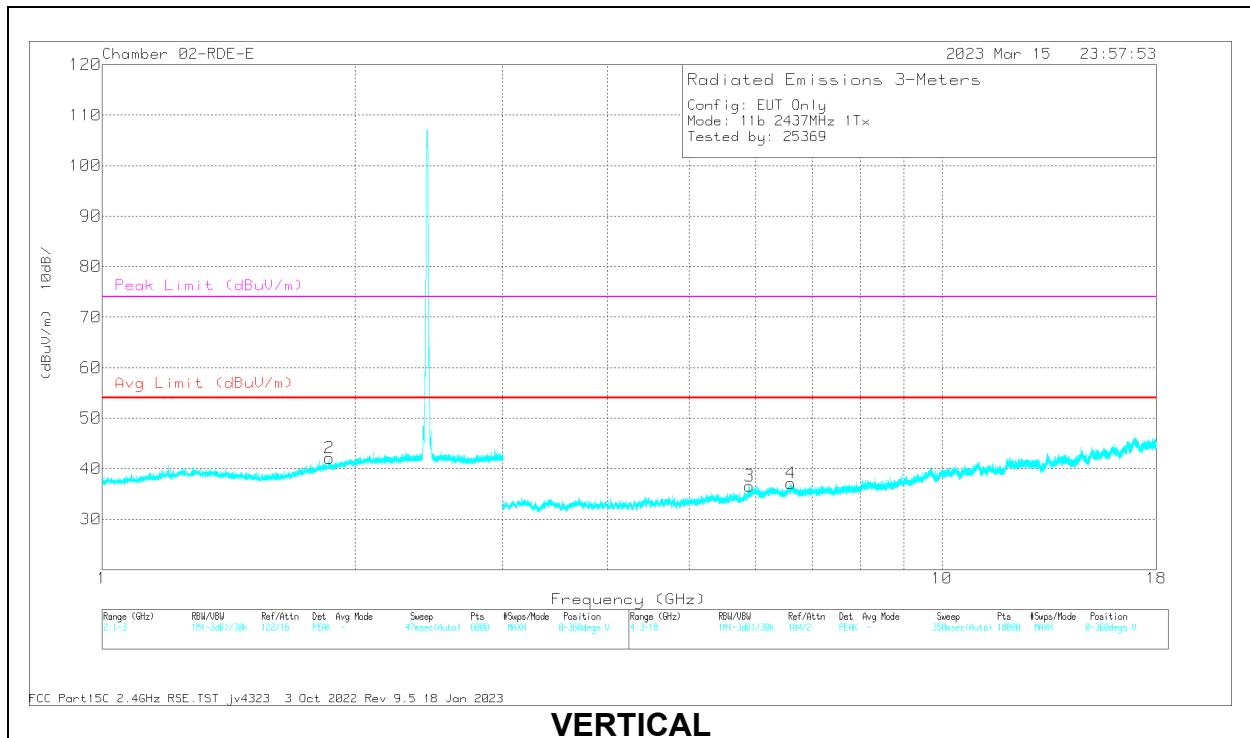
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### MID CHANNEL, CH 6 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

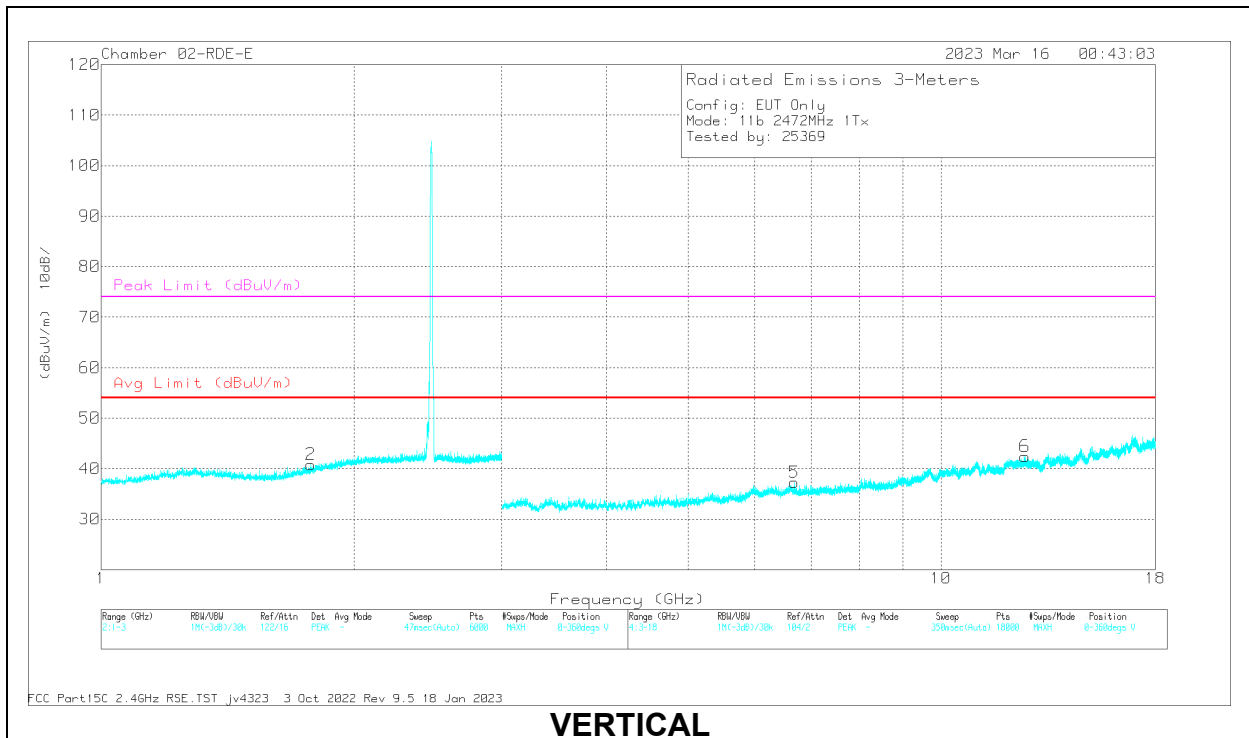
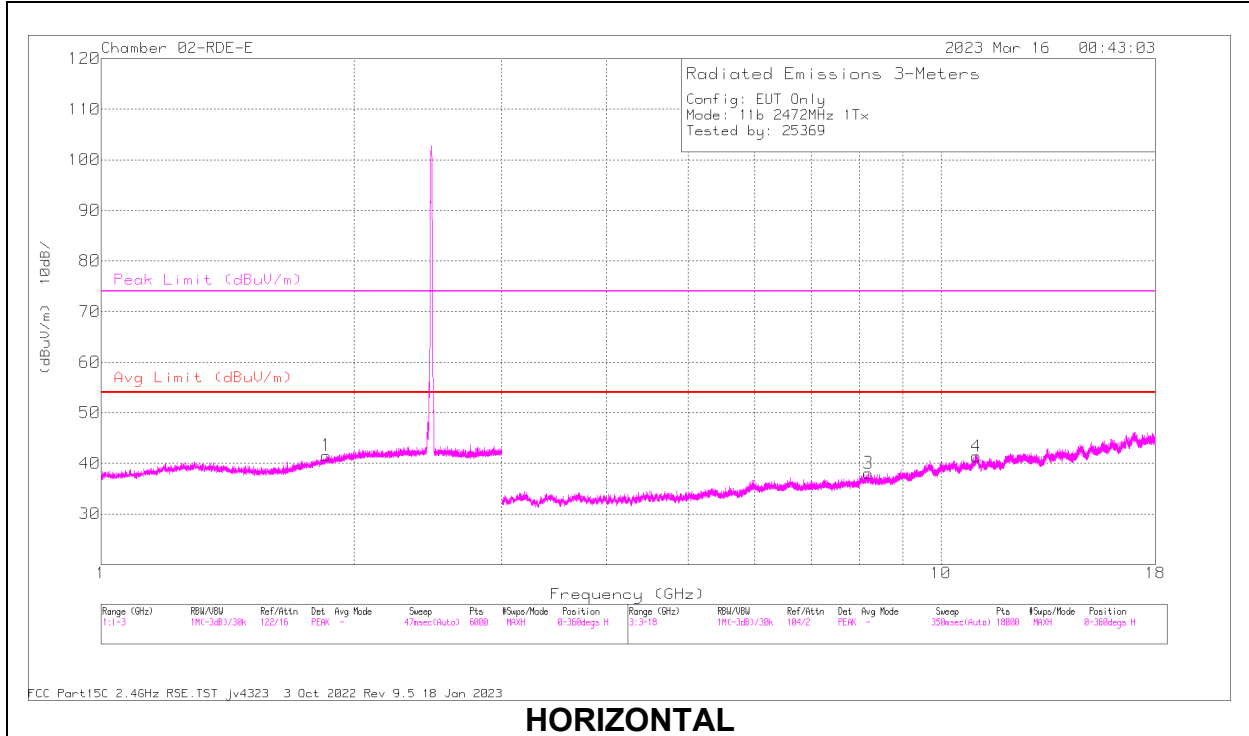
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB) 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 3.97654	56.11	PK2	33.5	-45.92	43.69	-	-	74	-30.31	360	199	H
	* 3.97724	44.37	MAv1	33.5	-45.92	31.95	54	-22.05	-	-	360	199	H
6	* 5.10859	57.67	PK2	34.2	-47.28	44.59	-	-	74	-29.41	360	199	H
	* 5.10878	45.52	MAv1	34.2	-47.27	32.45	54	-21.55	-	-	360	199	H
2	1.862122	60.12	PK2	30.4	-39.38	51.14	-	-	74	-22.86	360	199	V
1	2.017703	60.21	PK2	31.2	-39.17	52.24	-	-	74	-21.76	360	199	H
3	5.896923	55.76	PK2	35	-45.36	45.4	-	-	74	-28.6	360	199	V
4	6.609083	55.03	PK2	35.5	-43.44	47.09	-	-	74	-26.91	360	199	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### HIGH CHANNEL, CH 13 RESULTS





**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB) 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 8.19394	55.54	PK2	35.9	-44	47.44	-	-	74	-26.56	360	200	H
	* 8.19081	43.8	MAv1	35.9	-44	35.70	54	-18.30	-	-	360	200	H
4	* 11.0136	54.57	PK2	37.9	-41.24	51.23	-	-	74	-22.77	360	101	H
	* 11.0156	42.96	MAv1	37.9	-41.27	39.59	54	-14.41	-	-	360	101	H
6	* 12.5926	55.78	PK2	39	-42.28	52.50	-	-	74	-21.5	360	200	V
	* 12.5906	43.66	MAv1	39	-42.29	40.37	54	-13.63	-	-	360	200	V
2	1.775187	60.07	PK2	29.7	-39.33	50.44	-	-	74	-23.56	360	200	V
1	1.852666	60.17	PK2	30.4	-39.38	51.19	-	-	74	-22.81	360	200	H
5	6.692475	54.73	PK2	35.5	-43.62	46.61	-	-	74	-27.39	360	200	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

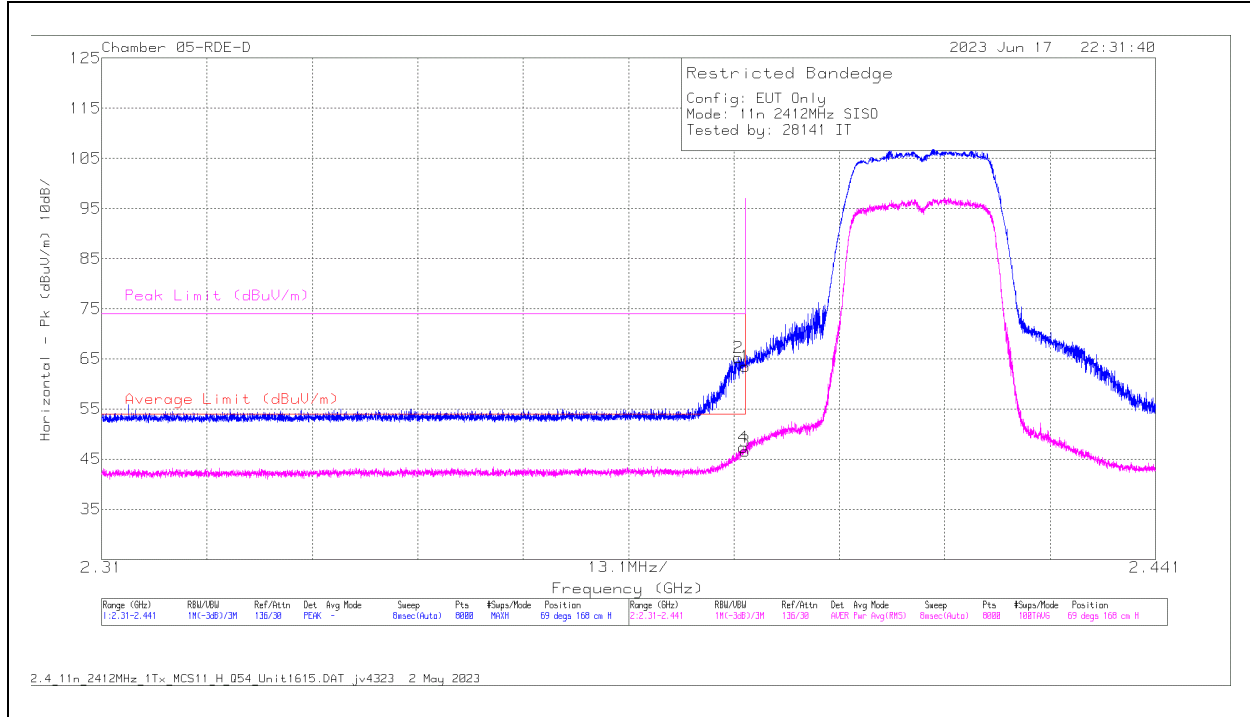
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### 10.1.5. 802.11n HT20 ANT 4 MODE IN THE 2.4 GHz BAND (BANDEGE)

#### BANDEGE (LOW CHANNEL, CH 1)

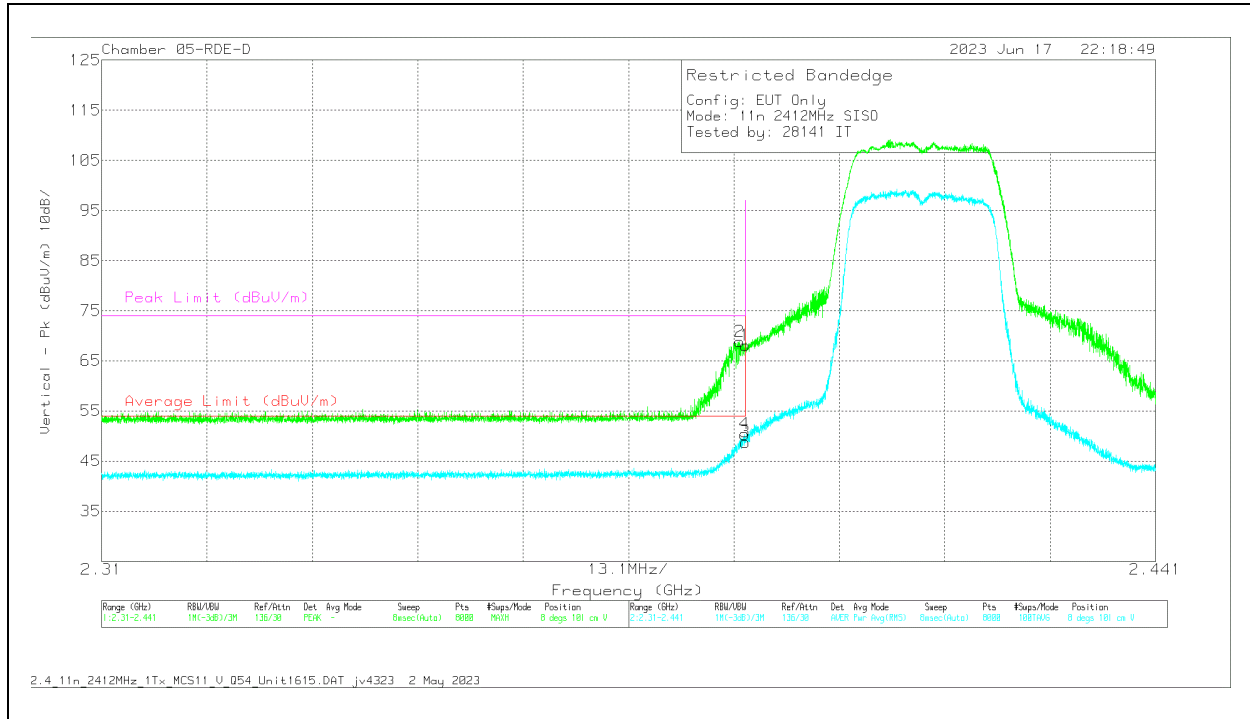
#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.39	71.62	Pk	32.5	0	-40.67	63.45	-	-	74	-10.55	69	168	H
2	2.389134	73.34	Pk	32.5	0	-40.66	65.18	-	-	74	-8.82	69	168	H
3	2.39	54.32	RMS	32.5	.37	-40.67	46.52	54	-7.48	-	-	69	168	H
4	2.389789	55.09	RMS	32.5	.37	-40.67	47.29	54	-6.71	-	-	69	168	H

Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

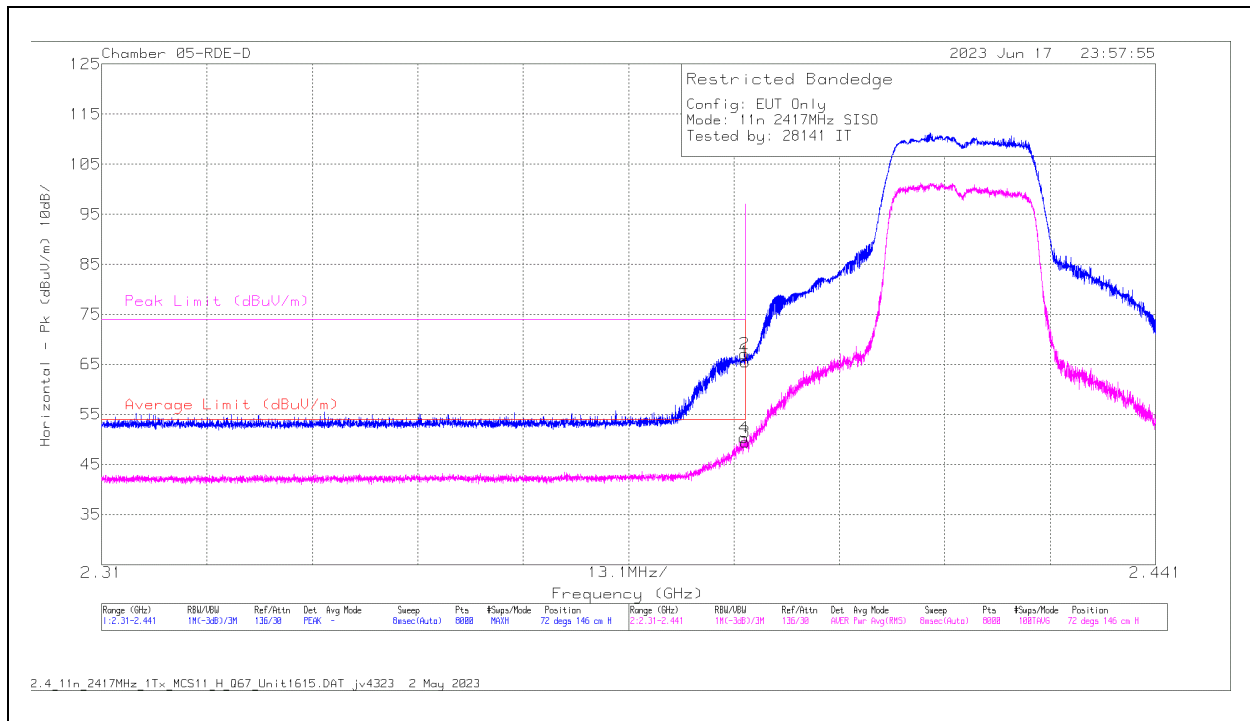


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.39	76.29	Pk	32.5	0	-40.67	68.12	-	-	74	-5.88	8	101	V
2	2.389281	77.04	Pk	32.5	0	-40.66	68.88	-	-	74	-5.12	8	101	V
3	2.39	56.56	RMS	32.5	.37	-40.67	48.76	54	-5.24	-	-	8	101	V
4	2.389969	58.19	RMS	32.5	.37	-40.67	50.39	54	-3.61	-	-	8	101	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (LOW CHANNEL, CH 2)**

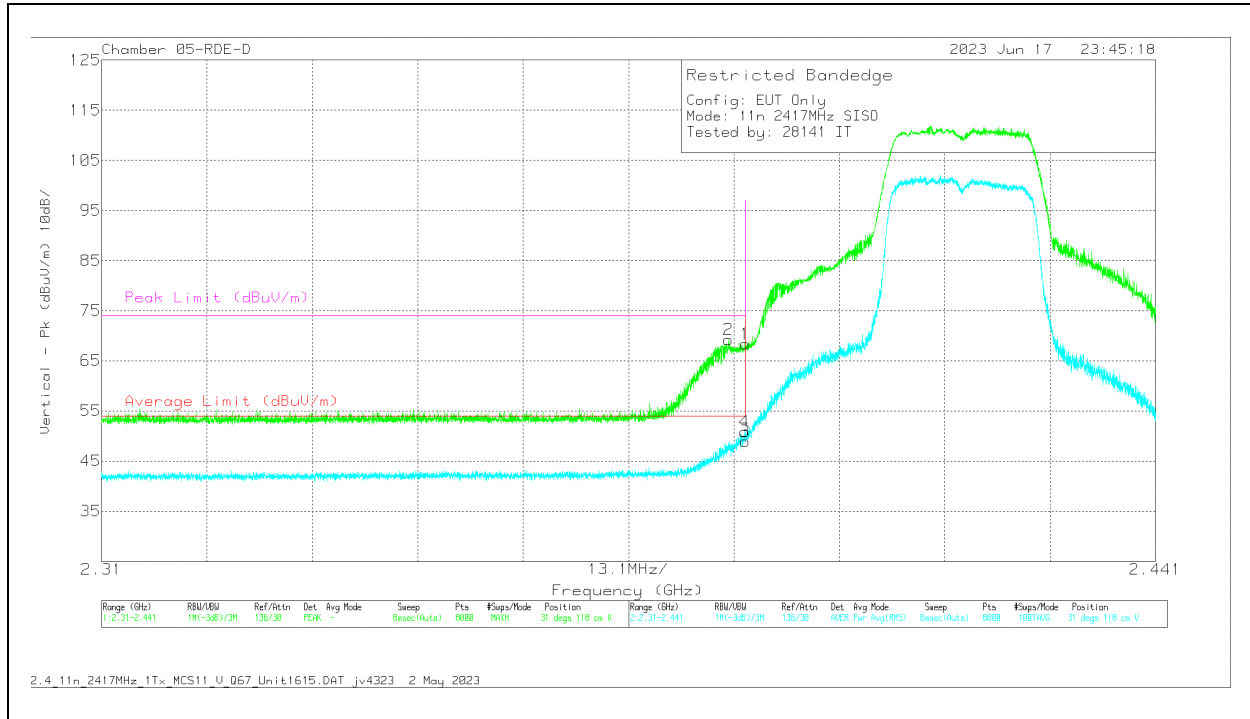
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.39	73.71	Pk	32.5	0	-40.67	65.54	-	-	74	-8.46	72	146	H
2	2.389953	75.33	Pk	32.5	0	-40.67	67.16	-	-	74	-6.84	72	146	H
3	2.39	57.26	RMS	32.5	.37	-40.67	49.46	54	-4.54	-	-	72	146	H
4	2.389838	58.12	RMS	32.5	.37	-40.67	50.32	54	-3.68	-	-	72	146	H

Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

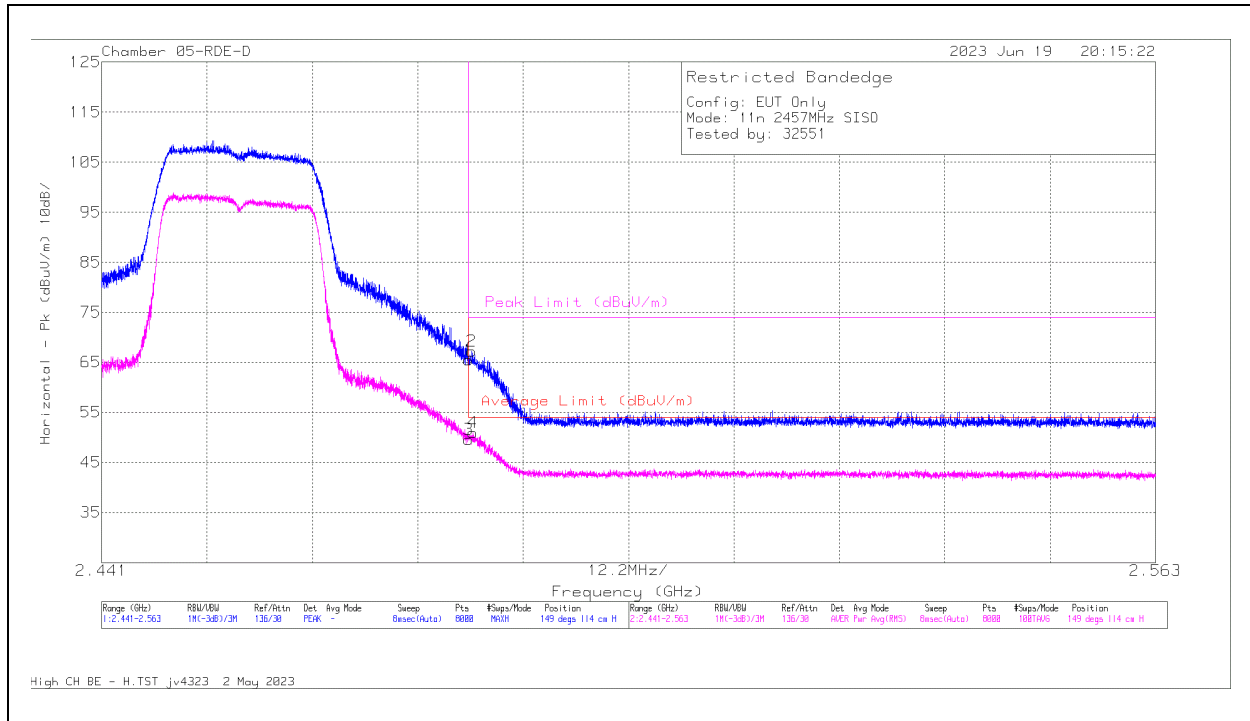


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.39	76.49	Pk	32.5	0	-40.67	68.32	-	-	74	-5.68	31	118	V
2	2.387938	77.33	Pk	32.5	0	-40.62	69.21	-	-	74	-4.79	31	118	V
3	2.39	56.81	RMS	32.5	.37	-40.67	49.01	54	-4.99	-	-	31	118	V
4	2.389953	58.57	RMS	32.5	.37	-40.67	50.77	54	-3.23	-	-	31	118	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 10)**

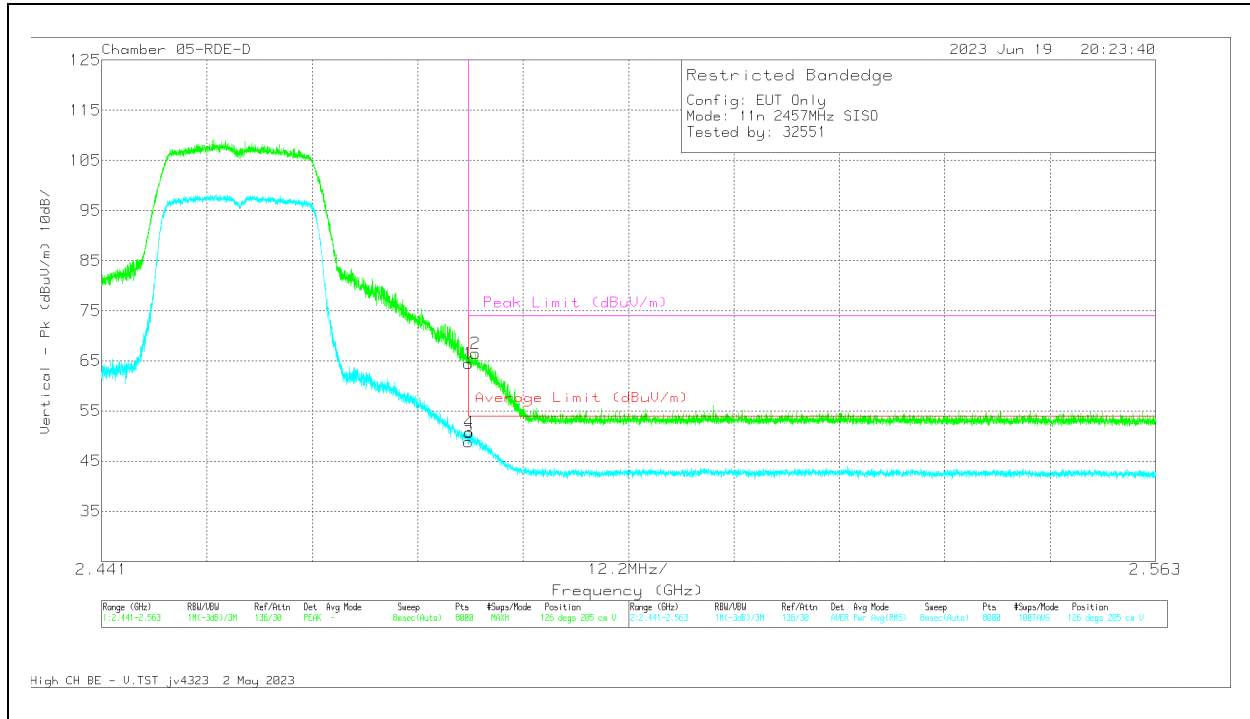
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	73.4	Pk	32.5	0	-40.38	65.52	-	-	74	-8.48	149	114	H
2	2.483828	75.1	Pk	32.5	0	-40.31	67.29	-	-	74	-6.71	149	114	H
3	2.4835	57.12	RMS	32.5	.37	-40.38	49.61	54	-4.39	-	-	149	114	H
4	2.483965	58.36	RMS	32.5	.37	-40.29	50.94	54	-3.06	-	-	149	114	H

Pk - Peak detector  
RMS - RMS detection

### VERTICAL RESULT

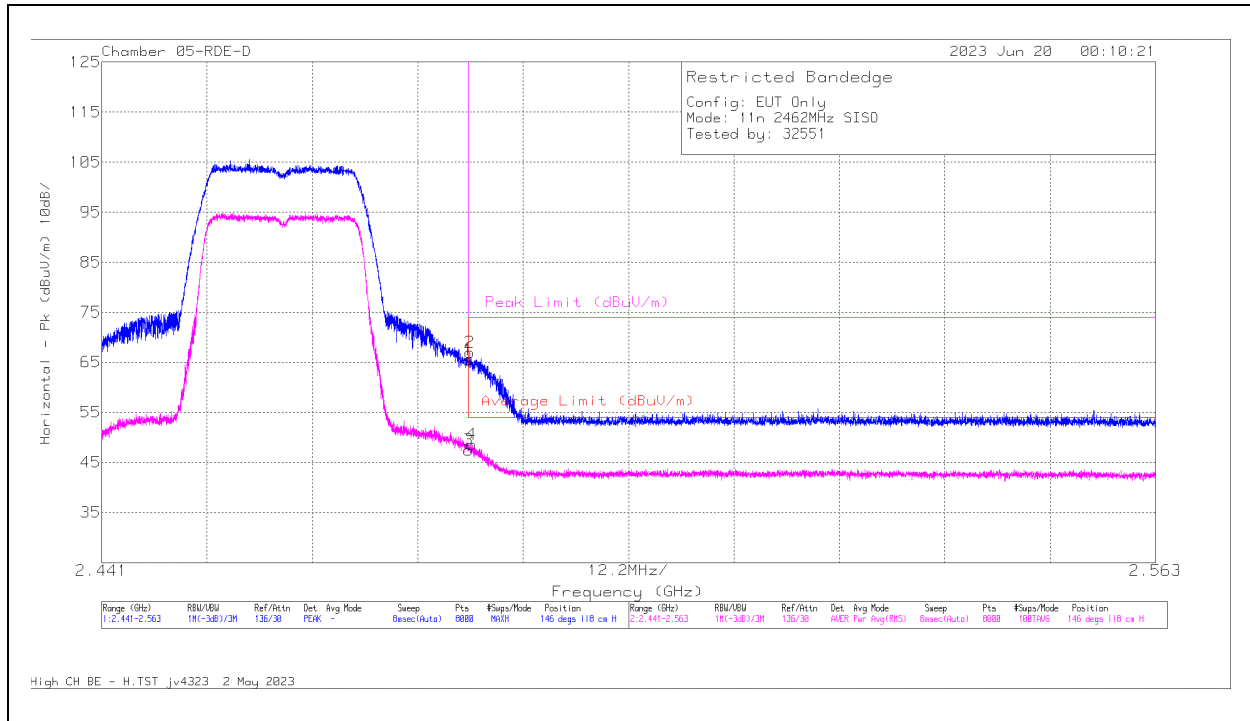


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	72.42	Pk	32.5	0	-40.38	64.54	-	-	74	-9.46	126	205	V
2	2.484285	74.31	Pk	32.5	0	-40.28	66.53	-	-	74	-7.47	126	205	V
3	2.4835	56.28	RMS	32.5	.37	-40.38	48.77	54	-5.23	-	-	126	205	V
4	2.483553	58.14	RMS	32.5	.37	-40.36	50.65	54	-3.35	-	-	126	205	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 11)**

**HORIZONTAL RESULT**

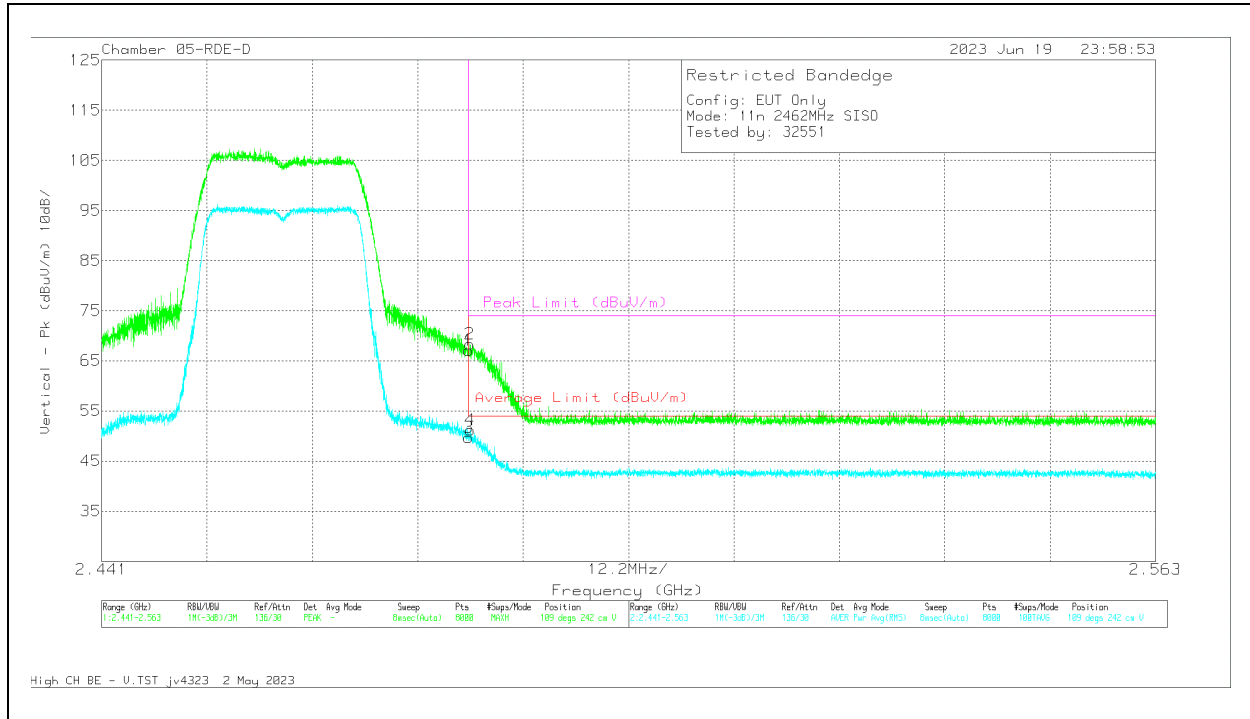


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	73.36	Pk	32.5	0	-40.38	65.48	-	-	74	-8.52	146	118	H
2	2.483584	74.82	Pk	32.5	0	-40.36	66.96	-	-	74	-7.04	146	118	H
3	2.4835	55	RMS	32.5	.37	-40.38	47.49	54	-6.51	-	-	146	118	H
4	2.483812	56.01	RMS	32.5	.37	-40.32	48.56	54	-5.44	-	-	146	118	H

Pk - Peak detector  
RMS - RMS detection



### VERTICAL RESULT

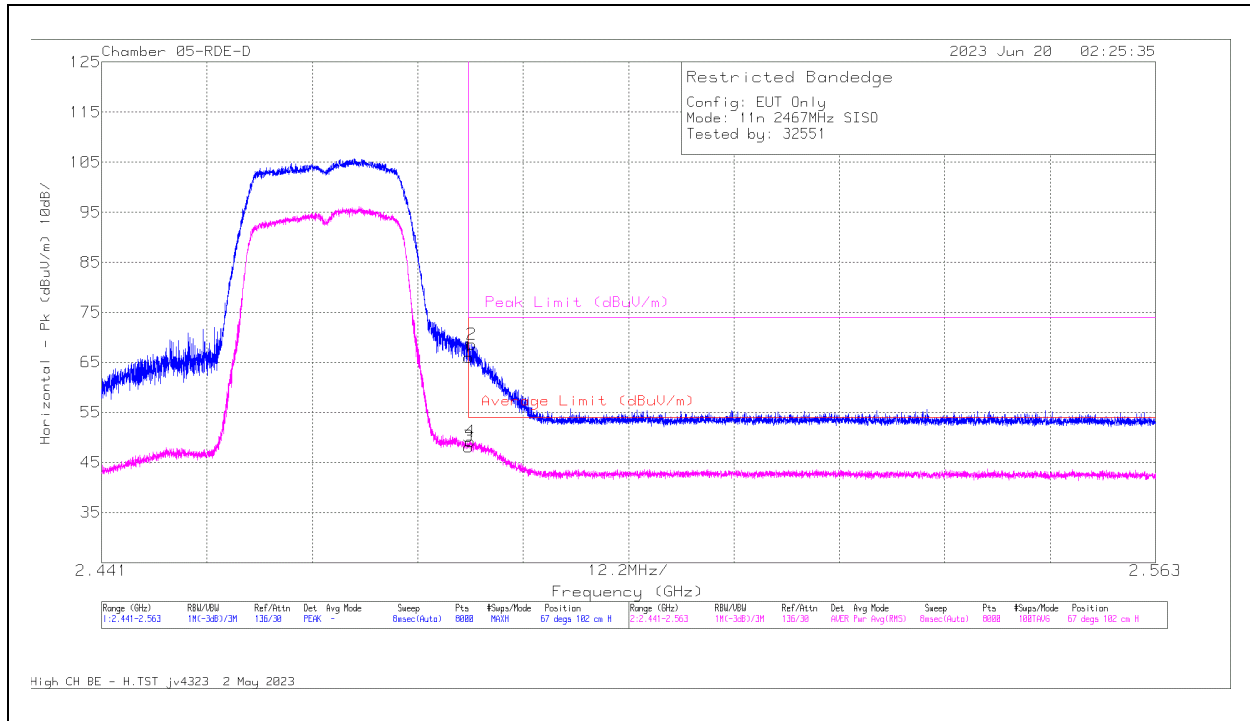


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	74.98	Pk	32.5	0	-40.38	67.1	-	-	74	-6.9	109	242	V
2	2.483629	76.17	Pk	32.5	0	-40.35	68.32	-	-	74	-5.68	109	242	V
3	2.4835	57.25	RMS	32.5	.37	-40.38	49.74	54	-4.26	-	-	109	242	V
4	2.48366	58.72	RMS	32.5	.37	-40.34	51.25	54	-2.75	-	-	109	242	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 12)**

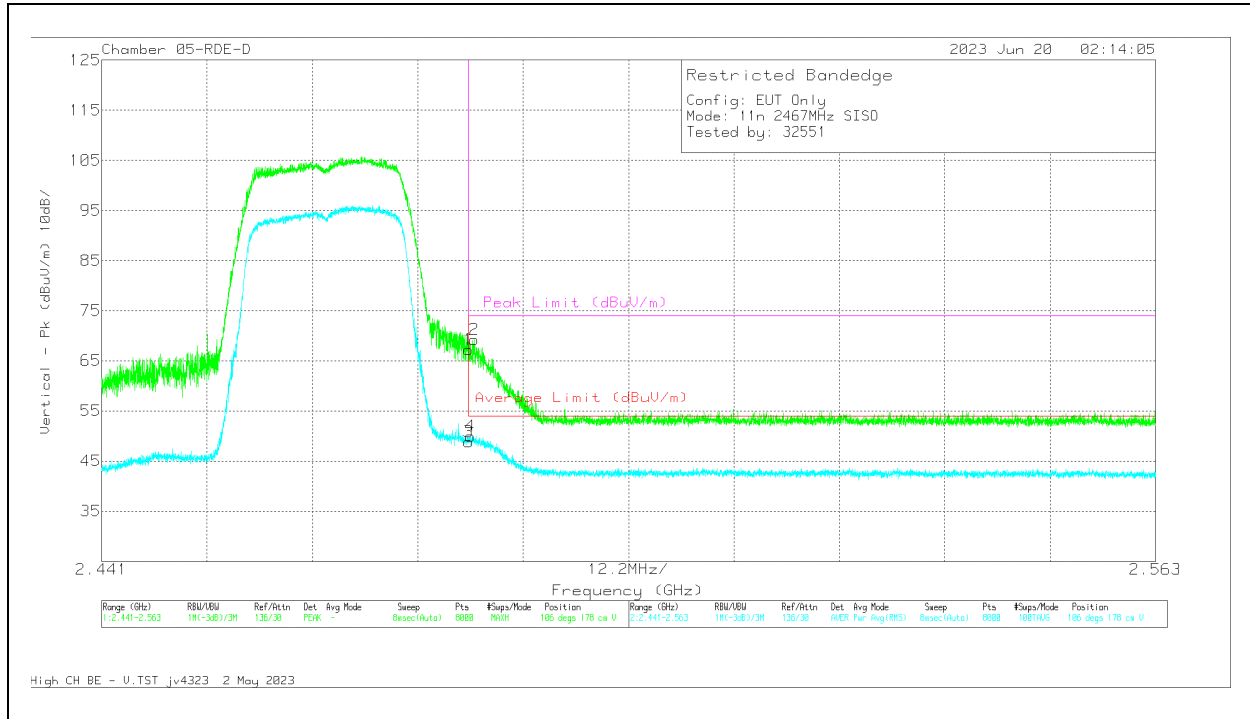
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	73.91	Pk	32.5	0	-40.38	66.03	-	-	74	-7.97	67	102	H
2	2.483843	76.44	Pk	32.5	0	-40.31	68.63	-	-	74	-5.37	67	102	H
3	2.4835	55.65	RMS	32.5	.37	-40.38	48.14	54	-5.86	-	-	67	102	H
4	2.48369	56.7	RMS	32.5	.37	-40.34	49.23	54	-4.77	-	-	67	102	H

Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

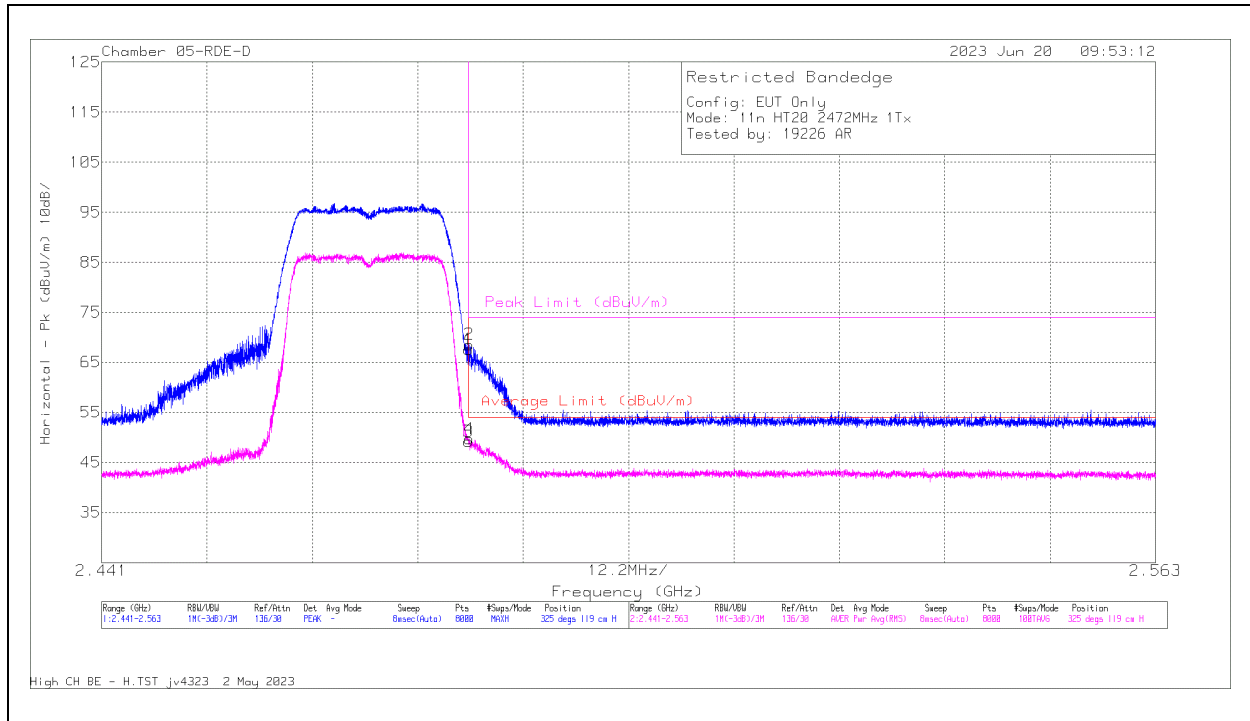


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	75.07	Pk	32.5	0	-40.38	67.19	-	-	74	-6.81	106	178	V
2	2.484148	77.01	Pk	32.5	0	-40.28	69.23	-	-	74	-4.77	106	178	V
3	2.4835	56.33	RMS	32.5	.37	-40.38	48.82	54	-5.18	-	-	106	178	V
4	2.48366	57.37	RMS	32.5	.37	-40.34	49.90	54	-4.10	-	-	106	178	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 13)**

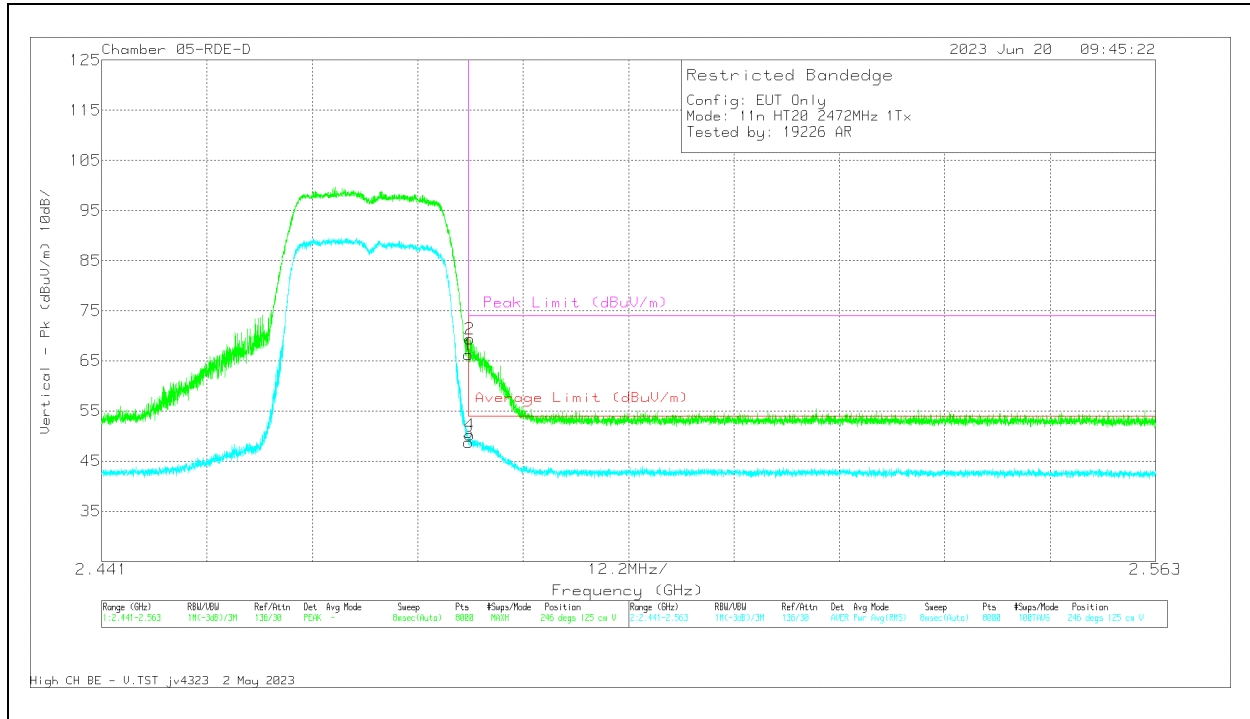
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	75.48	Pk	32.5	0	-40.38	67.6	-	-	74	-6.4	325	119	H
2	2.483538	76.42	Pk	32.5	0	-40.37	68.55	-	-	74	-5.45	325	119	H
3	2.4835	56.75	RMS	32.5	.37	-40.38	49.24	54	-4.76	-	-	325	119	H
4	2.483538	57.23	RMS	32.5	.37	-40.37	49.73	54	-4.27	-	-	325	119	H

Pk - Peak detector  
RMS - RMS detection

**VERTICAL RESULT**



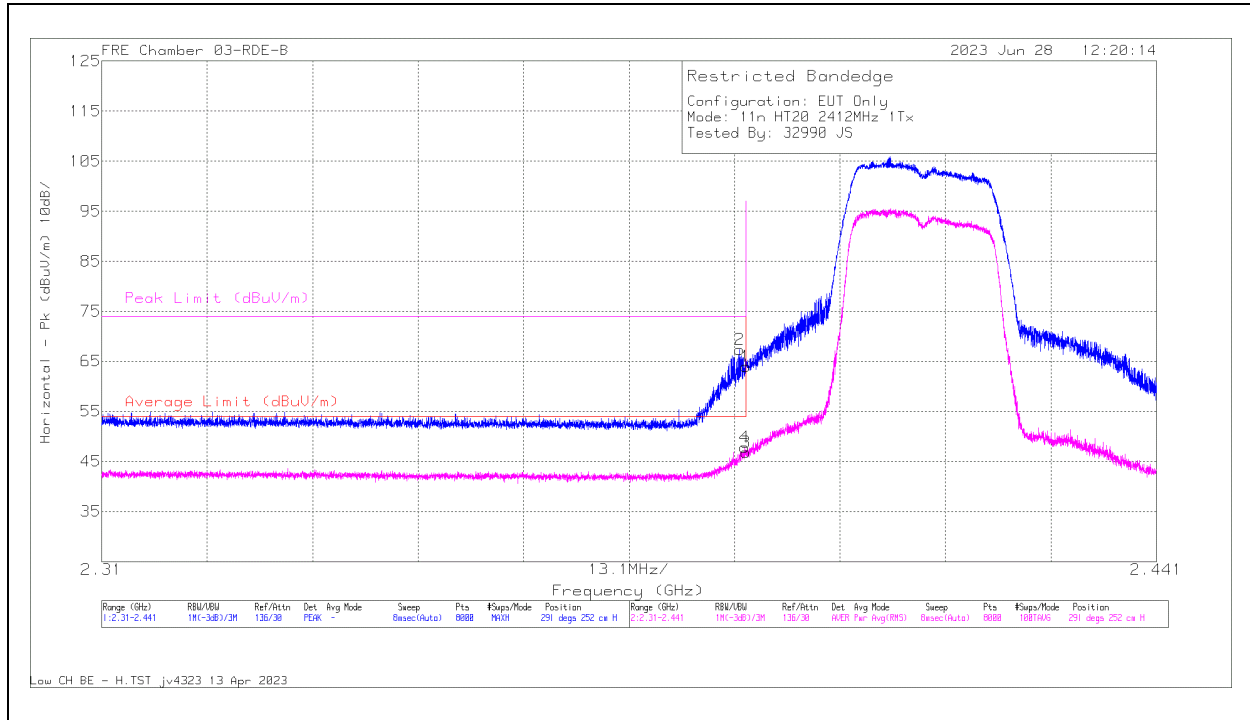
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	74.08	Pk	32.5	0	-40.38	66.2	-	-	74	-7.8	246	125	V
2	2.483645	77.16	Pk	32.5	0	-40.35	69.31	-	-	74	-4.69	246	125	V
3	2.4835	56.17	RMS	32.5	.37	-40.38	48.66	54	-5.34	-	-	246	125	V
4	2.483599	57.67	RMS	32.5	.37	-40.36	50.18	54	-3.82	-	-	246	125	V

Pk - Peak detector  
 RMS - RMS detection

**10.1.6. 802.11n HT20 ANT 3 MODE IN THE 2.4 GHz BAND**

**BANDEDGE (LOW CHANNEL, CH 1)**

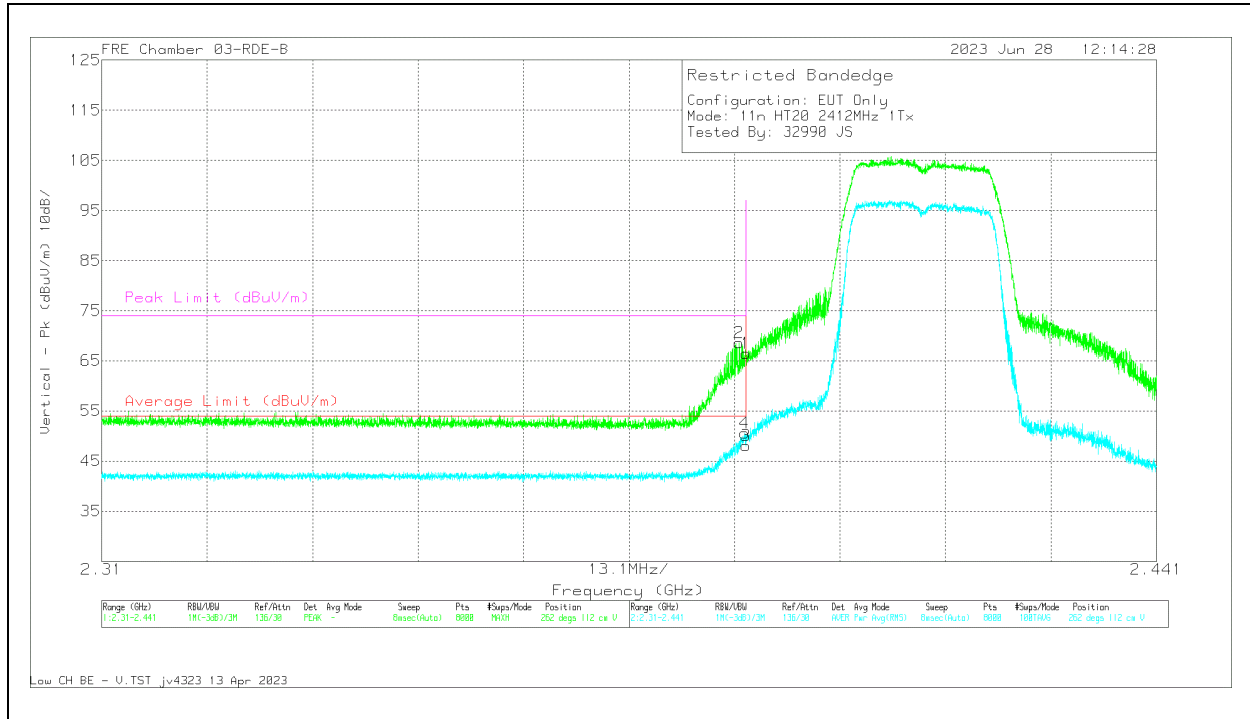
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	72.94	Pk	32.2	0	-41.2	63.94	-	-	74	-10.06	291	252	H
2	* 2.389248	76.44	Pk	32.2	0	-41.28	67.36	-	-	74	-6.64	291	252	H
3	* 2.39	55.49	RMS	32.2	.37	-41.2	46.86	54	-7.14	-	-	291	252	H
4	* 2.389871	56.5	RMS	32.2	.37	-41.21	47.86	54	-6.14	-	-	291	252	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**VERTICAL RESULT**

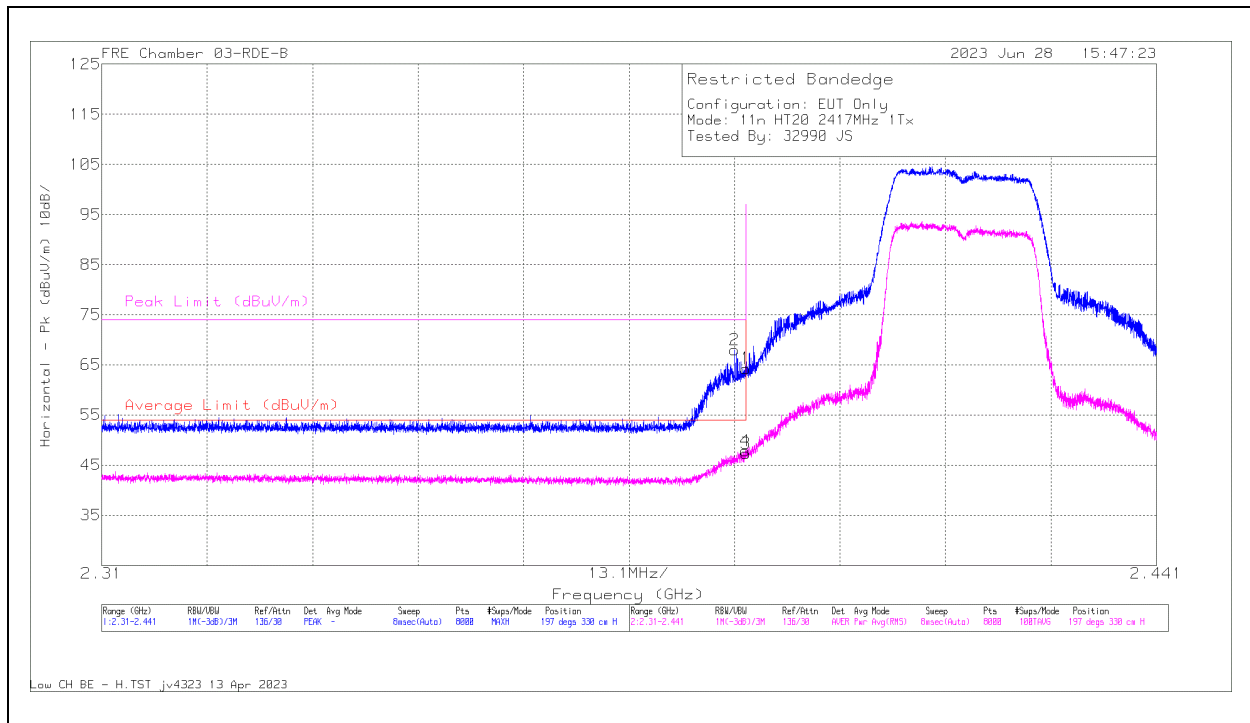


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	75.53	Pk	32.2	0	-41.2	66.53	-	-	74	-7.47	262	112	V
2	* 2.38915	77.74	Pk	32.2	0	-41.28	68.66	-	-	74	-5.34	262	112	V
3	* 2.39	56.74	RMS	32.2	.37	-41.2	48.11	54	-5.89	-	-	262	112	V
4	* 2.389822	59.28	RMS	32.2	.37	-41.22	50.63	54	-3.37	-	-	262	112	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (LOW CHANNEL, CH 2)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	73.29	Pk	32.2	0	-41.2	64.29	-	-	74	-9.71	197	330	H
2	* 2.388593	77.06	Pk	32.2	0	-41.26	68	-	-	74	-6	197	330	H
3	* 2.39	56.01	RMS	32.2	.37	-41.2	47.38	54	-6.62	-	-	197	330	H
4	* 2.389903	56.43	RMS	32.2	.37	-41.21	47.79	54	-6.21	-	-	197	330	H

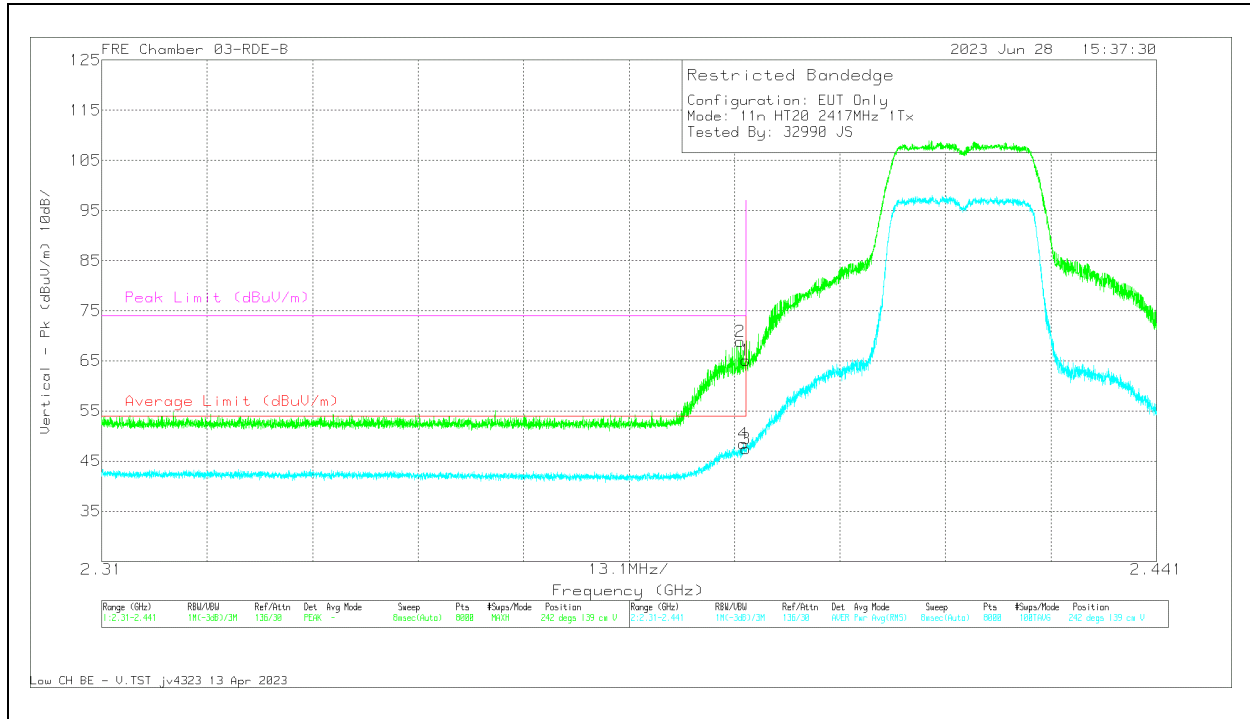
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



### VERTICAL RESULT

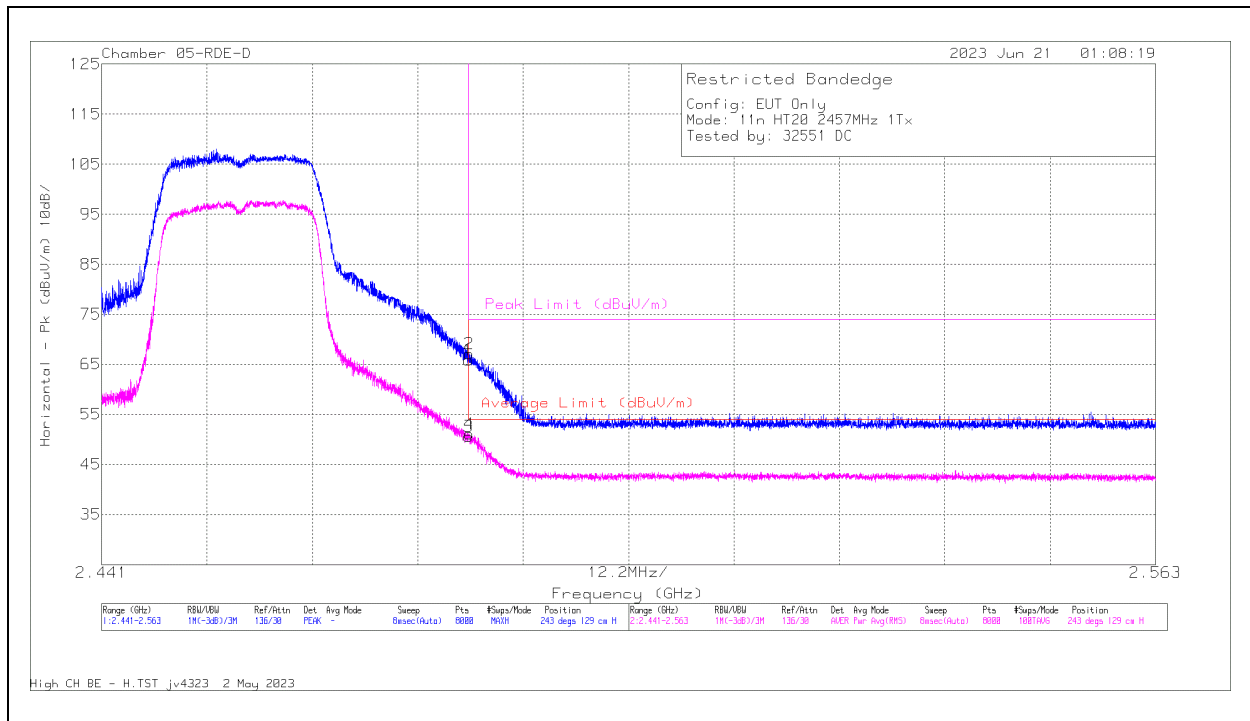


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	74.11	Pk	32.2	0	-41.2	65.11	-	-	74	-8.89	242	139	V
2	* 2.389347	77.9	Pk	32.2	0	-41.27	68.83	-	-	74	-5.17	242	139	V
3	* 2.39	56.13	RMS	32.2	.37	-41.2	47.5	54	-6.5	-	-	242	139	V
4	* 2.38969	57.09	RMS	32.2	.37	-41.23	48.43	54	-5.57	-	-	242	139	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 10)**

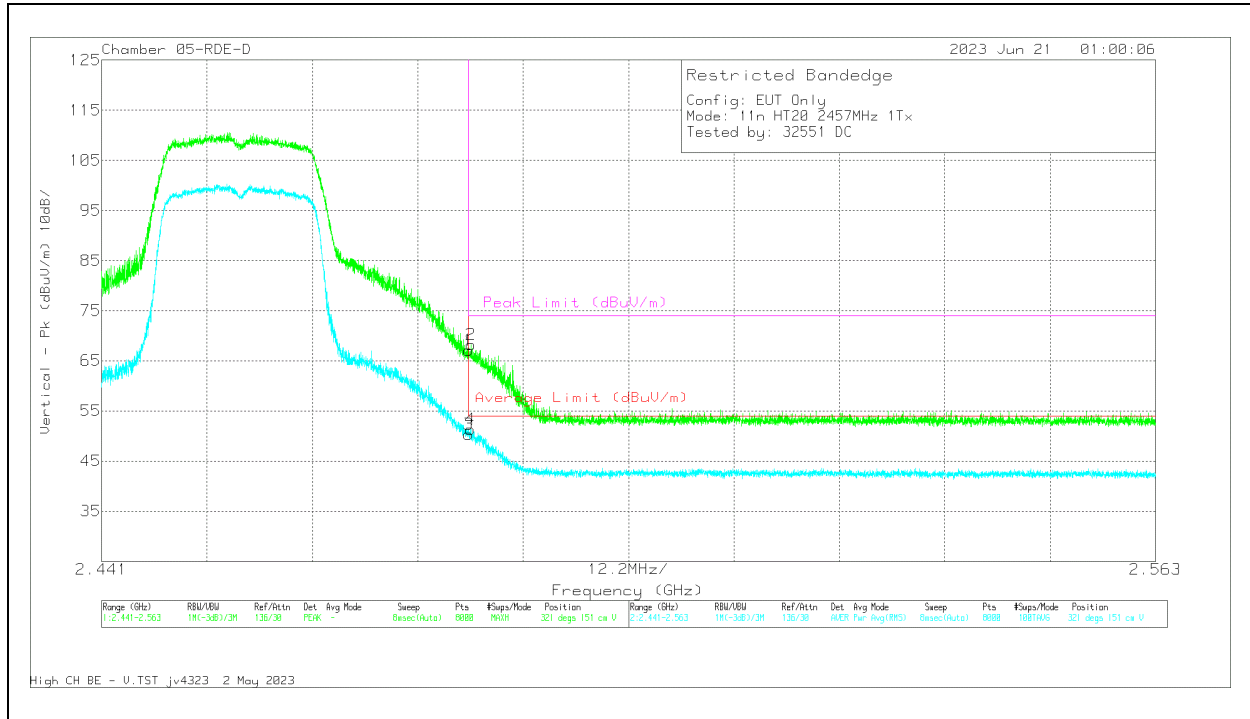
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	73.77	Pk	32.5	0	-40.38	65.89	-	-	74	-8.11	243	129	H
2	2.483553	74.94	Pk	32.5	0	-40.36	67.08	-	-	74	-6.92	243	129	H
3	2.4835	58.11	RMS	32.5	.37	-40.38	50.6	54	-3.4	-	-	243	129	H
4	2.483538	58.6	RMS	32.5	.37	-40.37	51.1	54	-2.9	-	-	243	129	H

Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

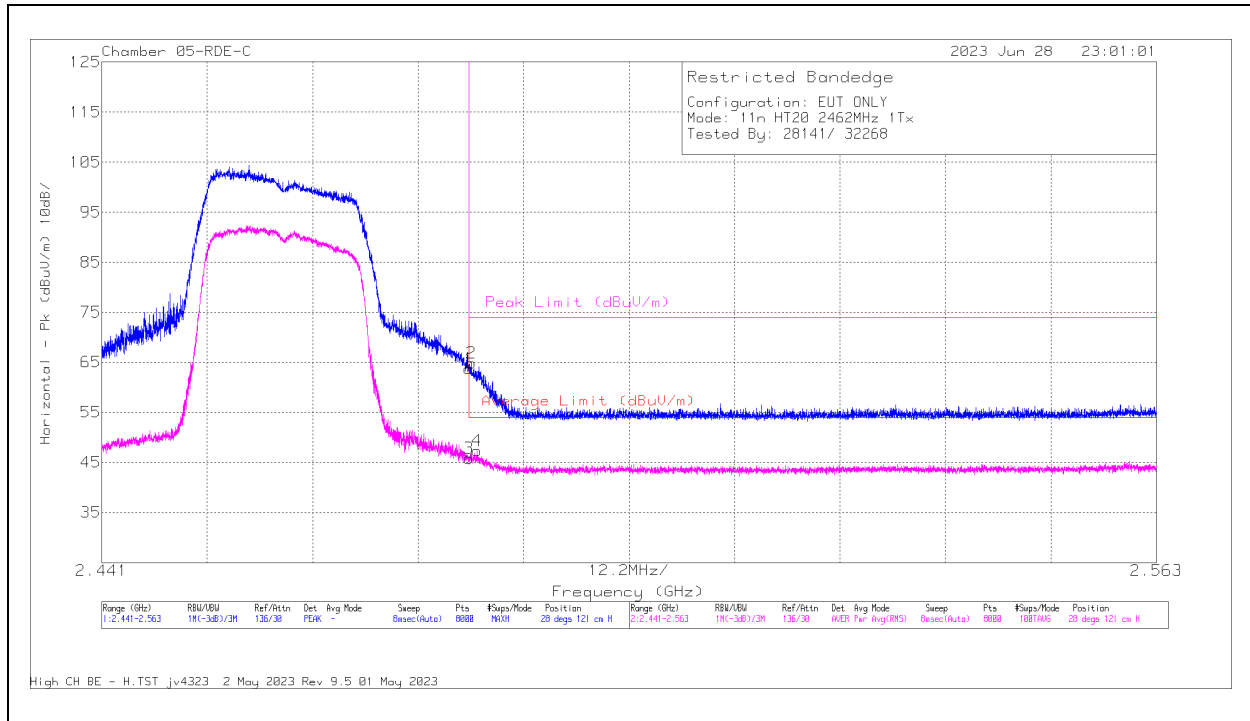


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	75.04	Pk	32.5	0	-40.38	67.16	-	-	74	-6.84	321	151	V
2	2.483797	76.06	Pk	32.5	0	-40.32	68.24	-	-	74	-5.76	321	151	V
3	2.4835	57.82	RMS	32.5	.37	-40.38	50.31	54	-3.69	-	-	321	151	V
4	2.483675	58.81	RMS	32.5	.37	-40.34	51.34	54	-2.66	-	-	321	151	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 11)**

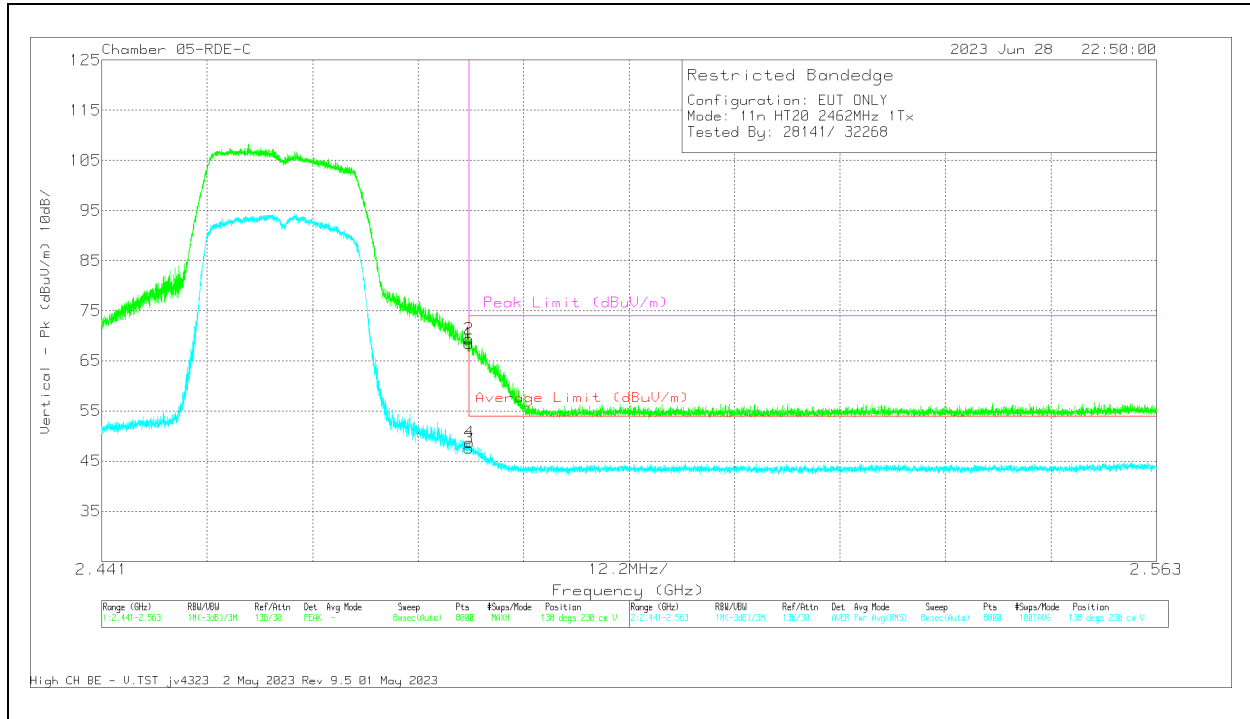
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	71.7	Pk	32.4	0	-40.35	63.75	-	-	74	-10.25	28	121	H
2	2.483751	72.84	Pk	32.4	0	-40.36	64.88	-	-	74	-9.12	28	121	H
3	2.4835	53.45	RMS	32.4	.37	-40.35	45.87	54	-8.13	-	-	28	121	H
4	2.484407	54.81	RMS	32.4	.37	-40.29	47.29	54	-6.71	-	-	28	121	H

Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

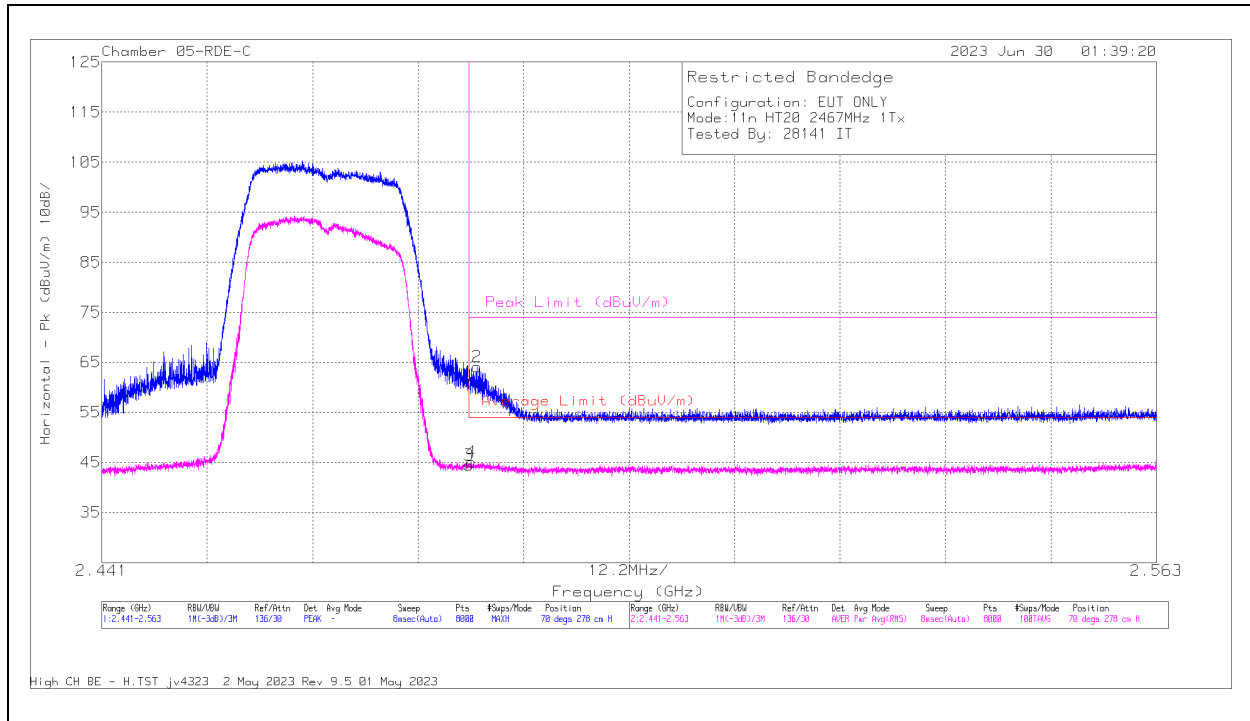


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	76.38	Pk	32.4	0	-40.35	68.43	-	-	74	-5.57	138	230	V
2	2.483507	77.36	Pk	32.4	0	-40.35	69.41	-	-	74	-4.59	138	230	V
3	2.4835	55.13	RMS	32.4	.37	-40.35	47.55	54	-6.45	-	-	138	230	V
4	2.483553	56.28	RMS	32.4	.37	-40.35	48.7	54	-5.3	-	-	138	230	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 12)**

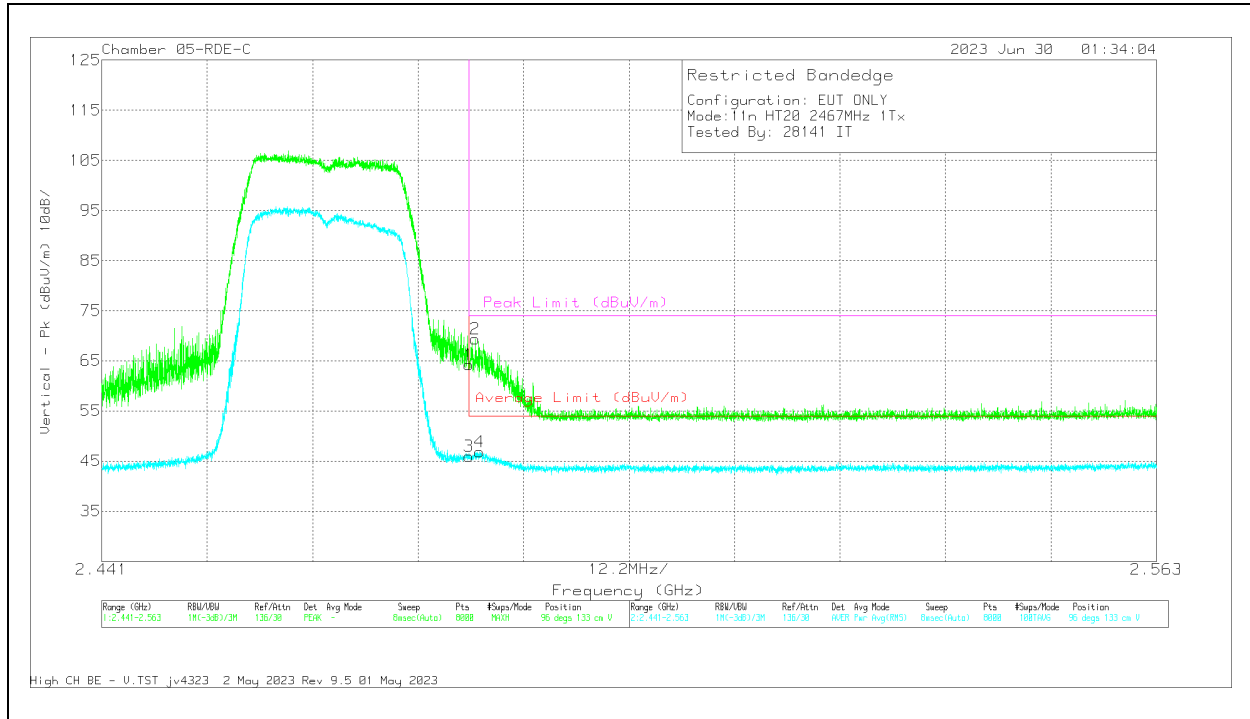
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	69.08	Pk	32.4	0	-40.35	61.13	-	-	74	-12.87	70	278	H
2	2.484392	72.04	Pk	32.4	0	-40.29	64.15	-	-	74	-9.85	70	278	H
3	2.4835	52.02	RMS	32.4	.37	-40.35	44.44	54	-9.56	-	-	70	278	H
4	2.483767	52.69	RMS	32.4	.37	-40.36	45.1	54	-8.9	-	-	70	278	H

Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

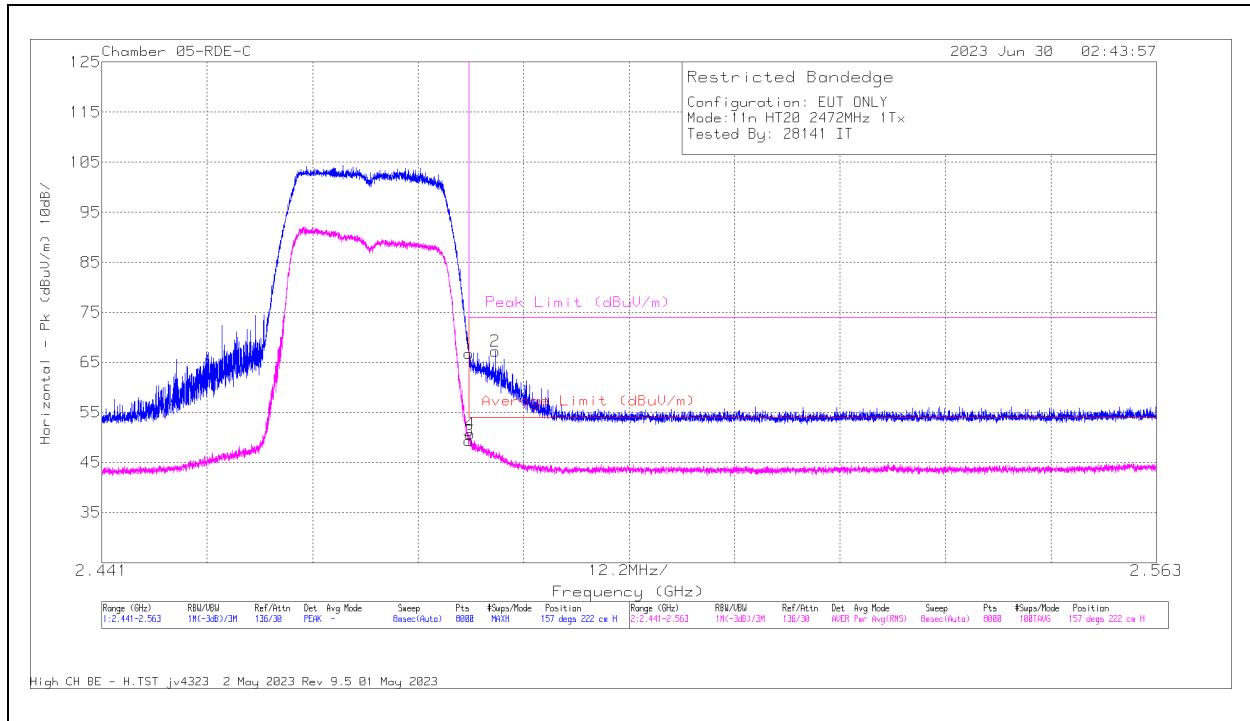


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	72.2	Pk	32.4	0	-40.35	64.25	-	-	74	-9.75	96	133	V
2	2.484209	77.3	Pk	32.4	0	-40.32	69.38	-	-	74	-4.62	96	133	V
3	2.4835	53.53	RMS	32.4	.37	-40.35	45.95	54	-8.05	-	-	96	133	V
4	2.484727	54.22	RMS	32.5	.37	-40.24	46.85	54	-7.15	-	-	96	133	V

Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 13)**

**HORIZONTAL RESULT**

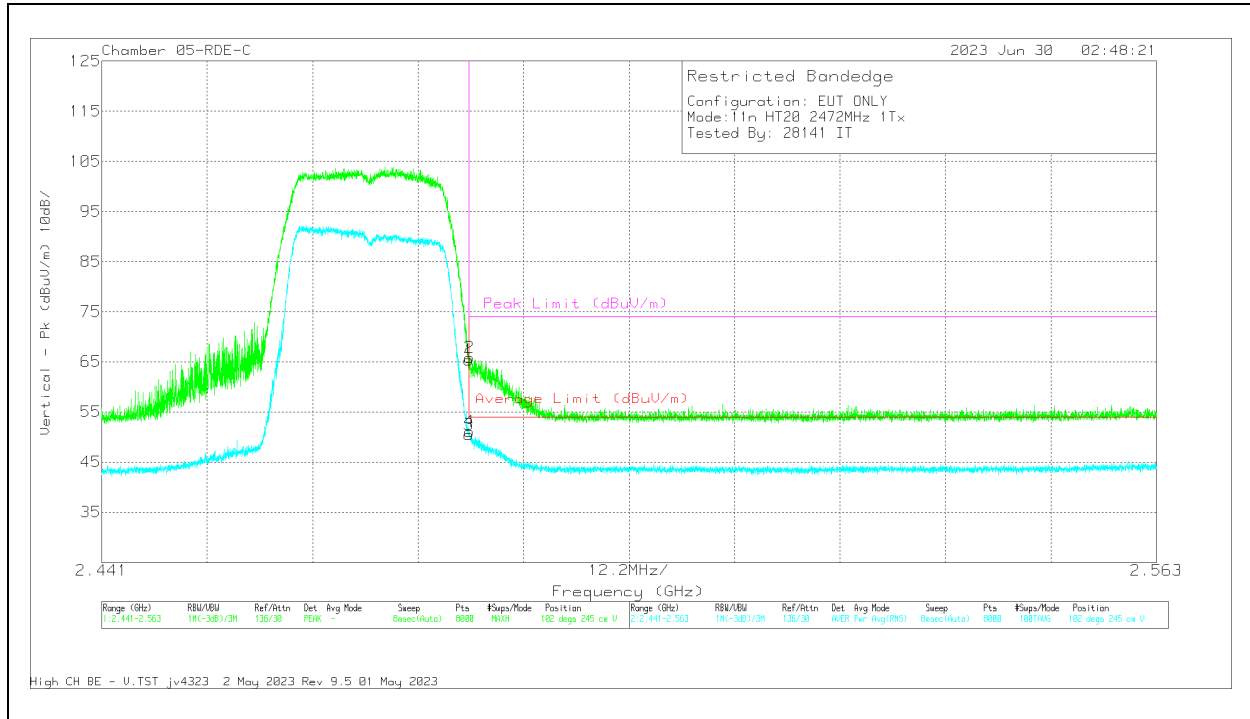


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	74.64	Pk	32.4	0	-40.35	66.69	-	-	74	-7.31	157	222	H
2	2.486527	74.98	Pk	32.5	0	-40.29	67.19	-	-	74	-6.81	157	222	H
3	2.4835	56.92	RMS	32.4	.37	-40.35	49.34	54	-4.66	-	-	157	222	H
4	2.483584	58.29	RMS	32.4	.37	-40.35	50.71	54	-3.29	-	-	157	222	H

Pk - Peak detector  
RMS - RMS detection



### VERTICAL RESULT



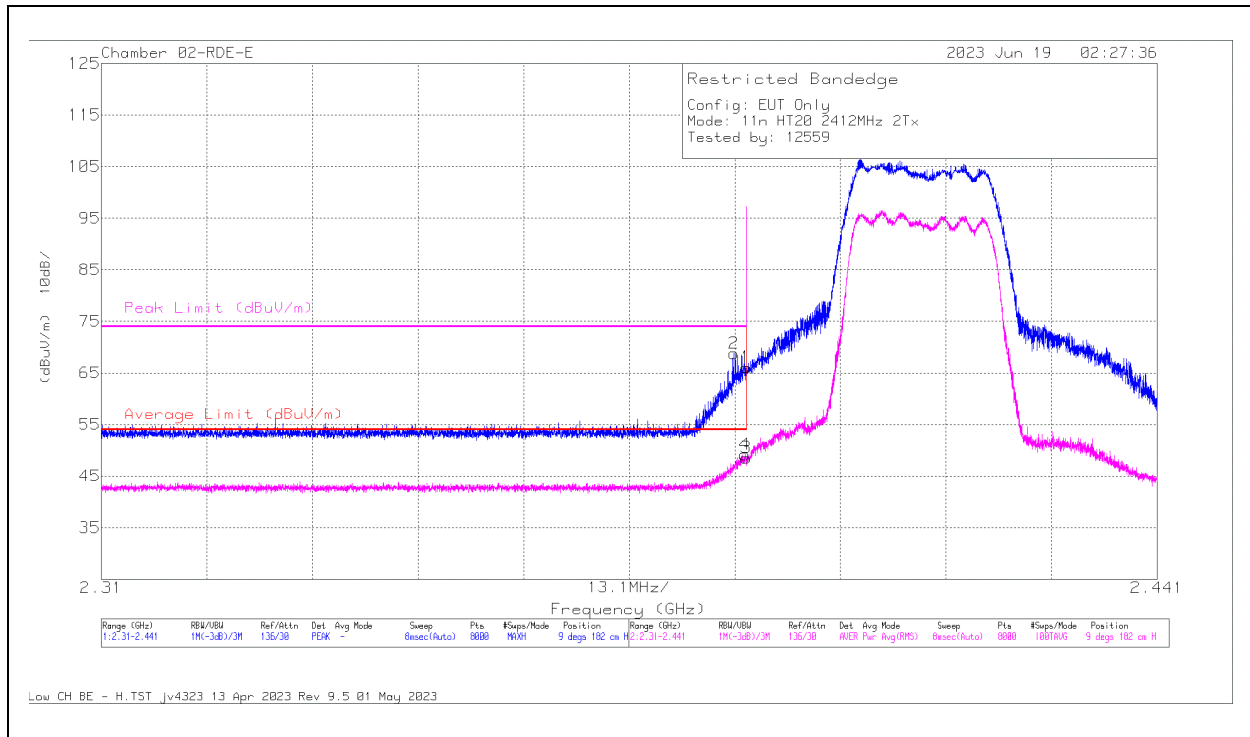
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	73.27	Pk	32.4	0	-40.35	65.32	-	-	74	-8.68	102	245	V
2	2.483568	73.81	PK	32.4	0	-40.35	65.86	-	-	74	-8.14	102	245	V
3	2.4835	58.1	RMS	32.4	.37	-40.35	50.52	54	-3.48	-	-	102	245	V
4	2.483568	58.63	RMS	32.4	.37	-40.35	51.05	54	-2.95	-	-	102	245	V

Pk - Peak detector  
RMS - RMS detection

**10.1.7. 802.11n HT20 2TX MODE IN THE 2.4 GHz BAND (BANDEDGE)**

**BANDEDGE (LOW CHANNEL, CH 1)**

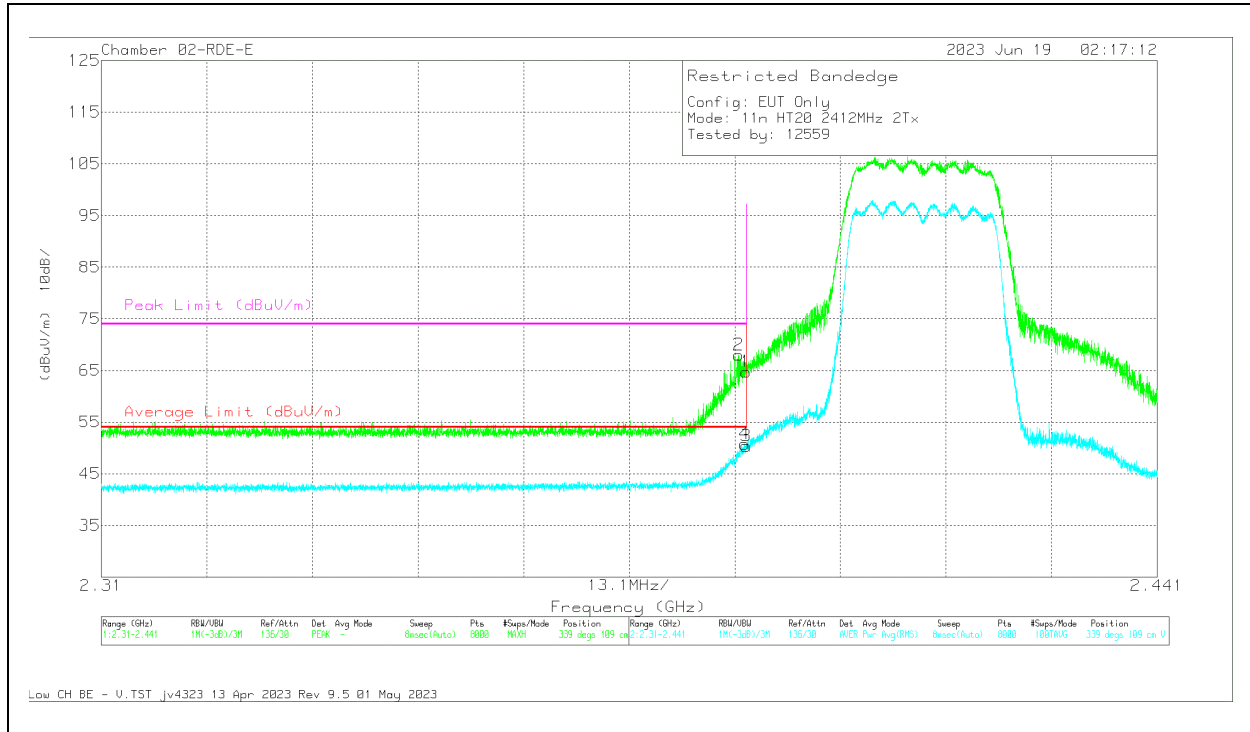
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	73.05	PK	32.3	0	-39.27	66.08	-	-	74	-7.92	9	182	H
2	* 2.388495	75.77	PK	32.3	0	-39.28	68.79	-	-	74	-5.21	9	182	H
3	* 2.39	55.32	RMS	32.3	.37	-39.27	48.72	54	-5.28	-	-	9	182	H
4	* 2.389854	55.95	RMS	32.3	.37	-39.27	49.35	54	-4.65	-	-	9	182	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**VERTICAL RESULT**

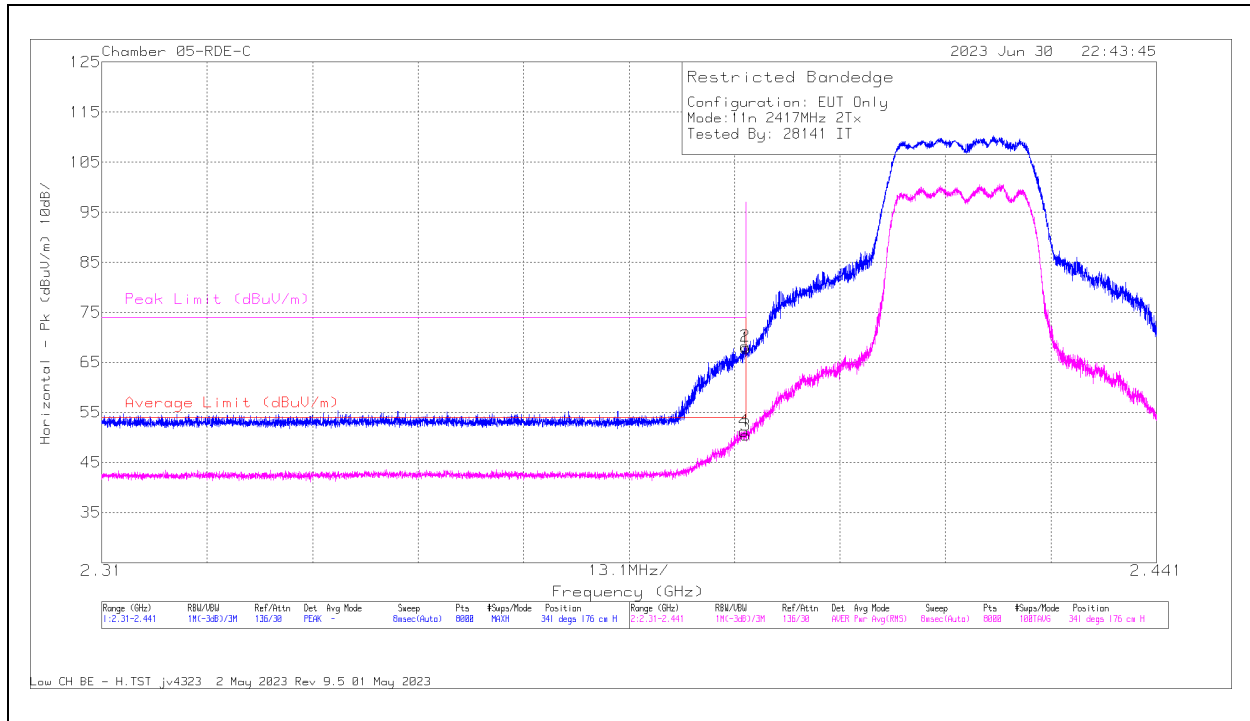


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	71.71	PK	32.3	0	-39.27	64.74	-	-	74	-9.26	339	109	V
2	* 2.389068	74.99	PK	32.3	0	-39.28	68.01	-	-	74	-5.99	339	109	V
3	* 2.39	57.16	RMS	32.3	.37	-39.27	50.56	54	-3.44	-	-	339	109	V
4	* 2.389789	57.53	RMS	32.3	.37	-39.27	50.93	54	-3.07	-	-	339	109	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (LOW CHANNEL, CH 2)**

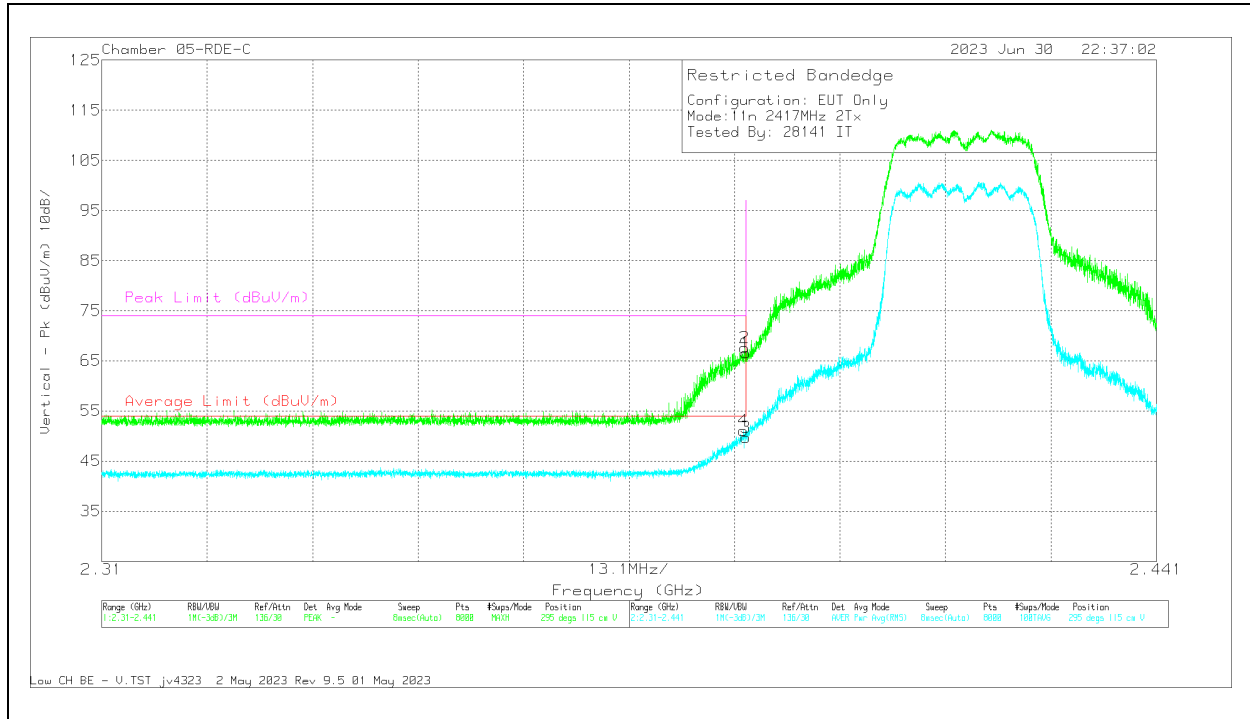
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.39	76.15	Pk	32.1	0	-40.36	67.89	-	-	74	-6.11	341	176	H
2	2.389903	76.48	Pk	32.1	0	-40.35	68.23	-	-	74	-5.77	341	176	H
3	2.39	58.51	RMS	32.1	.37	-40.36	50.62	54	-3.38	-	-	341	176	H
4	2.389789	59.33	RMS	32.1	.37	-40.35	51.45	54	-2.55	-	-	341	176	H

Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

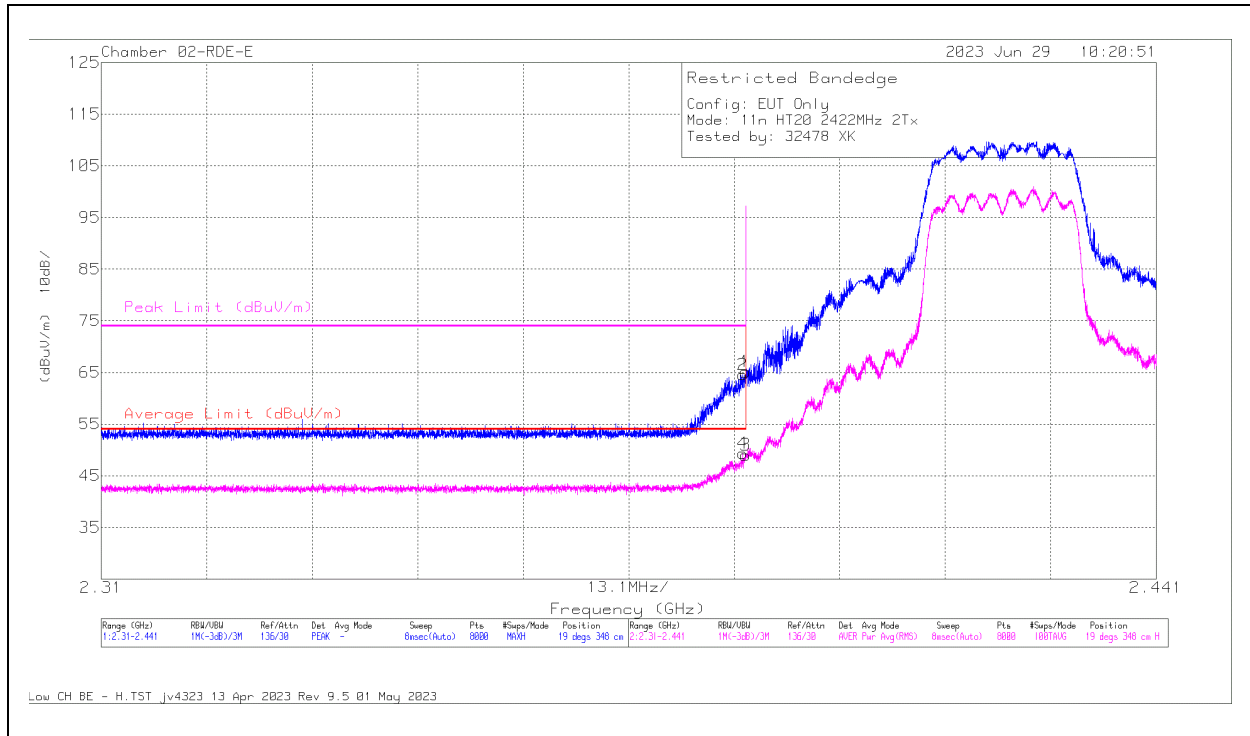


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.39	74.87	Pk	32.1	0	-40.36	66.61	-	-	74	-7.39	295	115	V
2	2.389854	75.88	Pk	32.1	0	-40.35	67.63	-	-	74	-6.37	295	115	V
3	2.39	57.84	RMS	32.1	.37	-40.36	49.95	54	-4.05	-	-	295	115	V
4	2.389723	59.18	RMS	32.1	.37	-40.34	51.31	54	-2.69	-	-	295	115	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (LOW CHANNEL, CH 3)**

**HORIZONTAL RESULT**



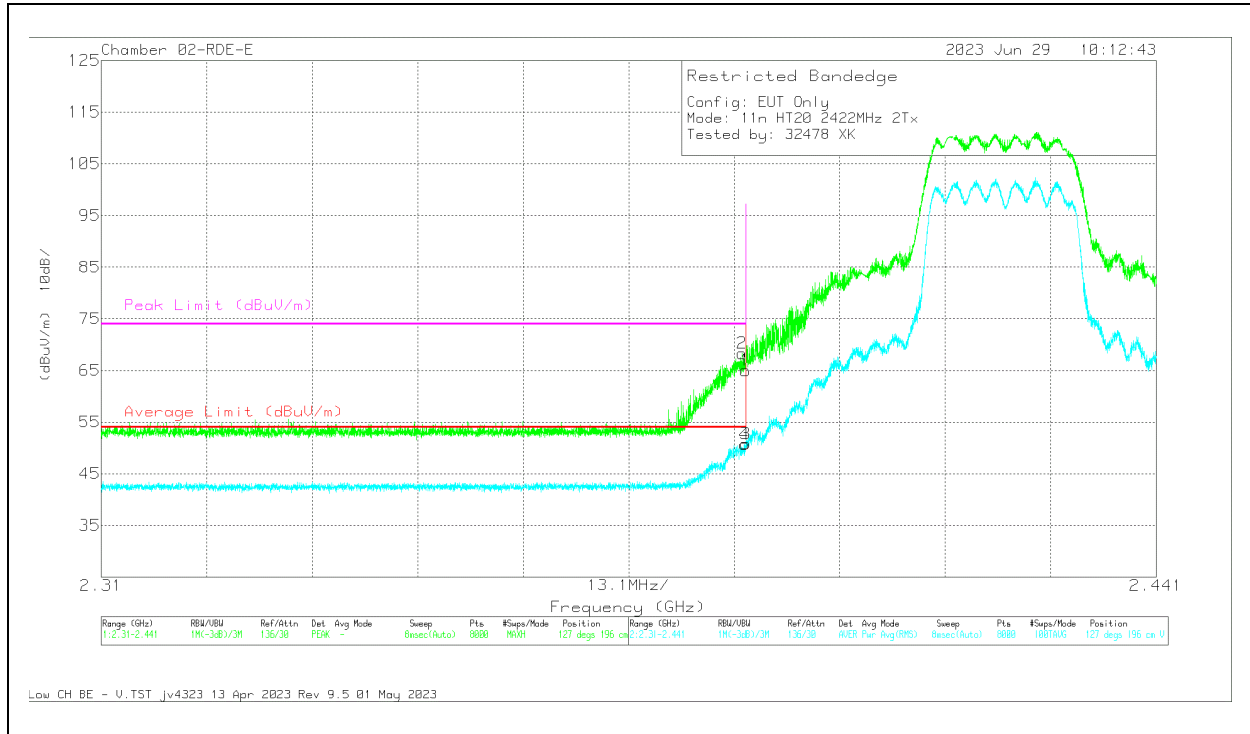
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	72.1	PK	32.3	0	-39.27	65.13	-	-	74	-8.87	19	348	H
2	* 2.389641	71.51	PK	32.3	0	-39.27	64.54	-	-	74	-9.46	19	348	H
3	* 2.39	55.78	RMS	32.3	.37	-39.27	49.18	54	-4.82	-	-	19	348	H
4	* 2.389674	56.1	RMS	32.3	.37	-39.27	49.50	54	-4.50	-	-	19	348	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

**VERTICAL RESULT)**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	71.97	Pk	32.3	0	-39.27	65	-	-	74	-9	127	196	V
2	* 2.389559	75.28	Pk	32.3	0	-39.27	68.31	-	-	74	-5.69	127	196	V
3	* 2.39	57.57	RMS	32.3	.37	-39.27	50.97	54	-3.03	-	-	127	196	V
4	* 2.389867	57.45	RMS	32.3	.37	-39.27	50.85	54	-3.15	-	-	127	196	V

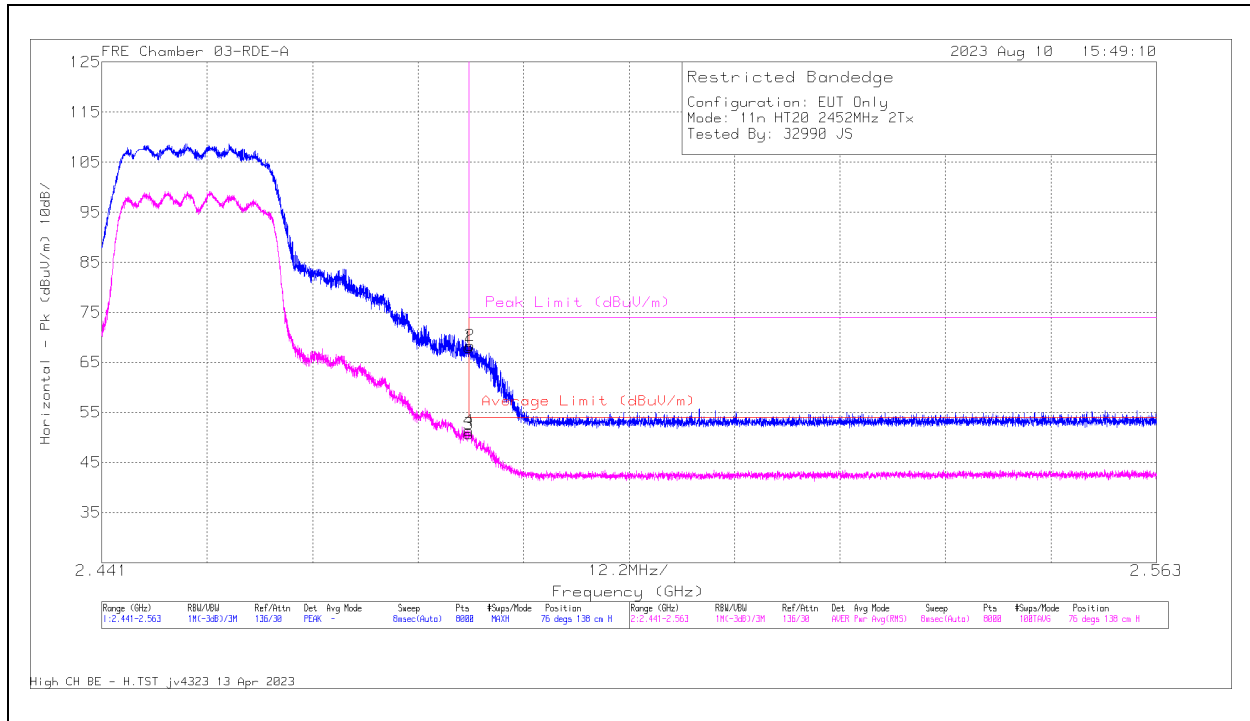
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 9)**

**HORIZONTAL RESULT**

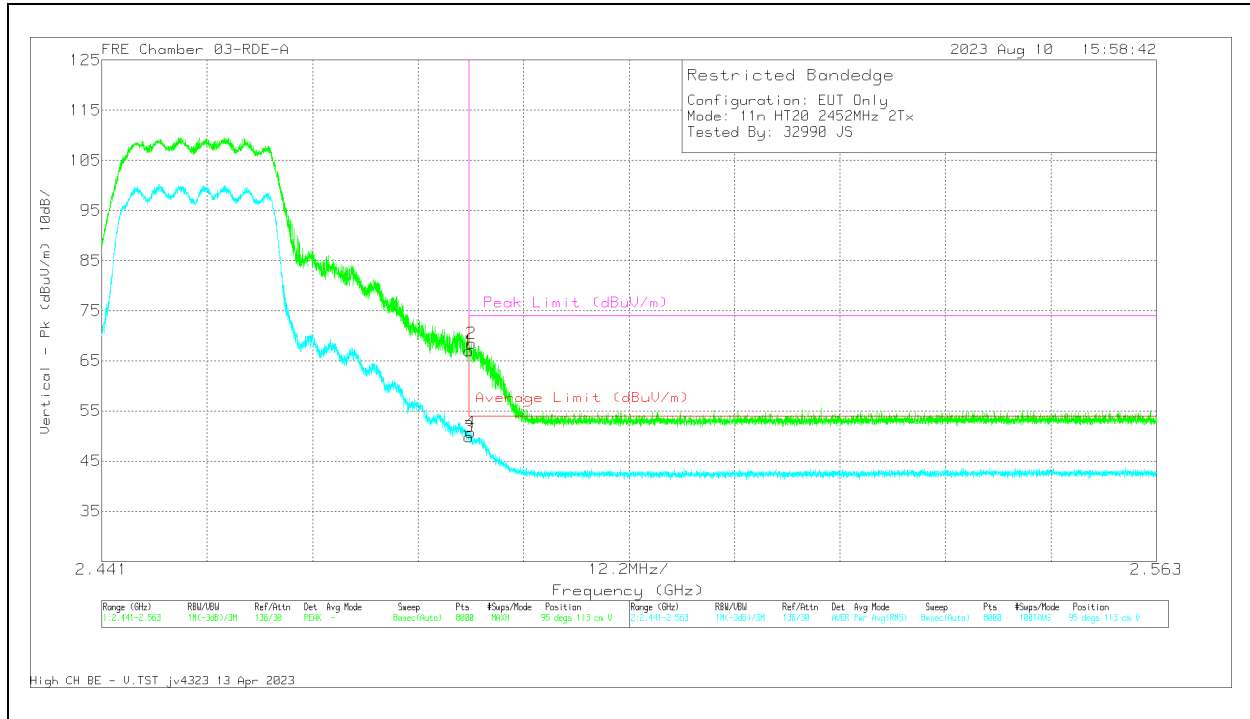


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	75.86	Pk	32.2	0	-40.11	67.95	-	-	74	-6.05	76	138	H
2	* 2.483584	76.28	Pk	32.2	0	-40.11	68.37	-	-	74	-5.63	76	138	H
3	* 2.4835	58.42	RMS	32.2	.37	-40.11	50.88	54	-3.12	-	-	76	138	H
4	* 2.483507	59.04	RMS	32.2	.37	-40.11	51.50	54	-2.50	-	-	76	138	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection



### VERTICAL RESULT

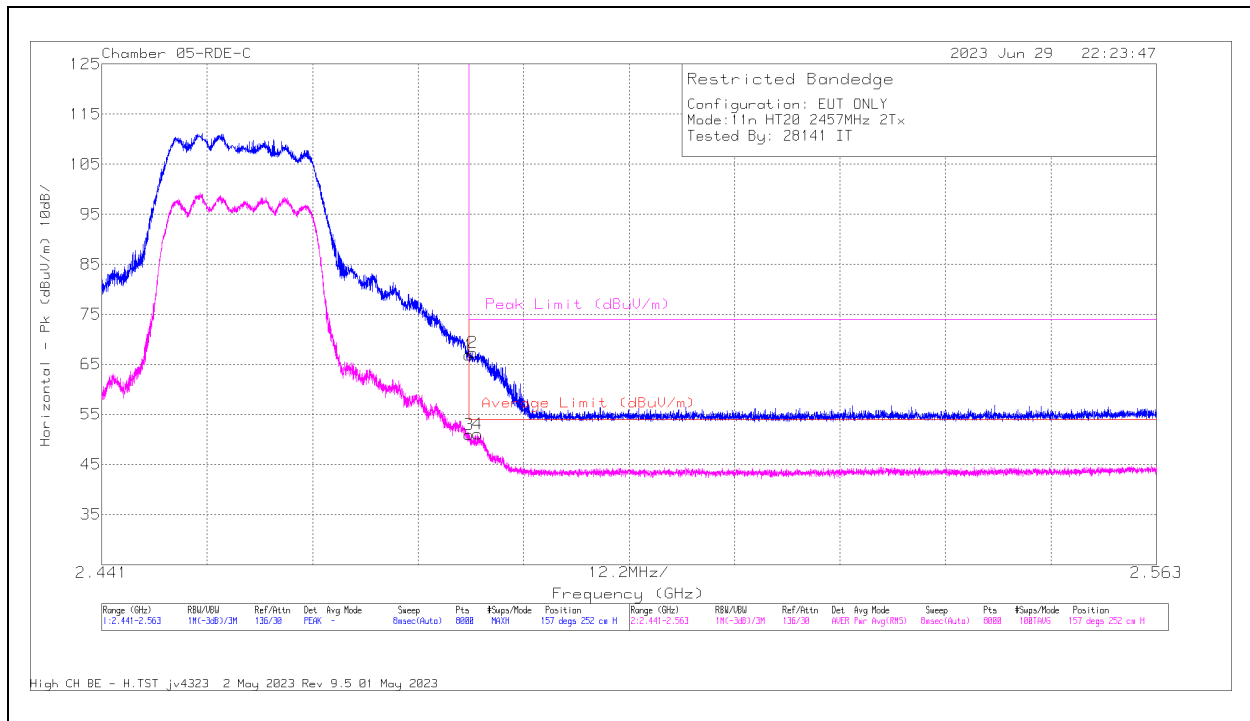


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	74.86	Pk	32.2	0	-40.11	66.95	-	-	74	-7.05	95	113	V
2	* 2.483736	76.41	Pk	32.2	0	-40.11	68.5	-	-	74	-5.5	95	113	V
3	* 2.4835	57.59	RMS	32.2	.37	-40.11	50.05	54	-3.95	-	-	95	113	V
4	* 2.48366	58.47	RMS	32.2	.37	-40.11	50.93	54	-3.07	-	-	95	113	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 10)**

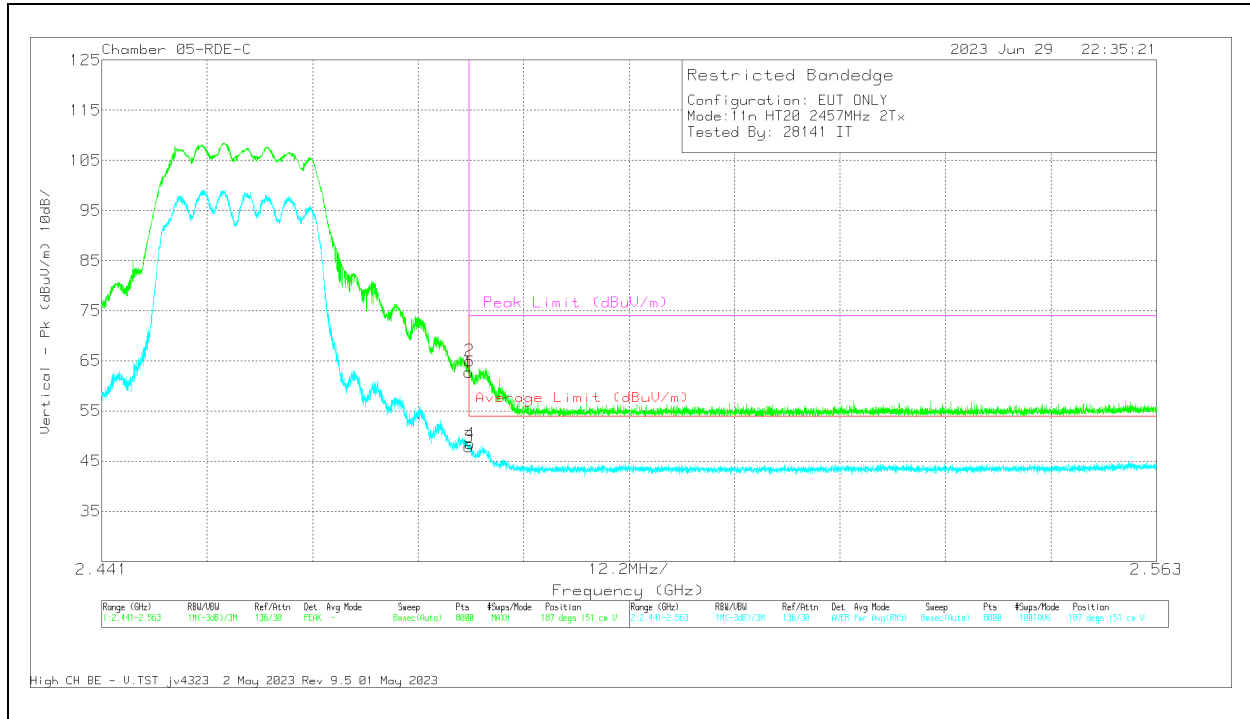
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	74.85	Pk	32.4	0	-40.35	66.9	-	-	74	-7.1	157	252	H
2	2.483919	75.36	Pk	32.4	0	-40.36	67.4	-	-	74	-6.6	157	252	H
3	2.4835	58.69	RMS	32.4	.37	-40.35	51.11	54	-2.89	-	-	157	252	H
4	2.484468	58.79	RMS	32.4	.37	-40.28	51.28	54	-2.72	-	-	157	252	H

Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

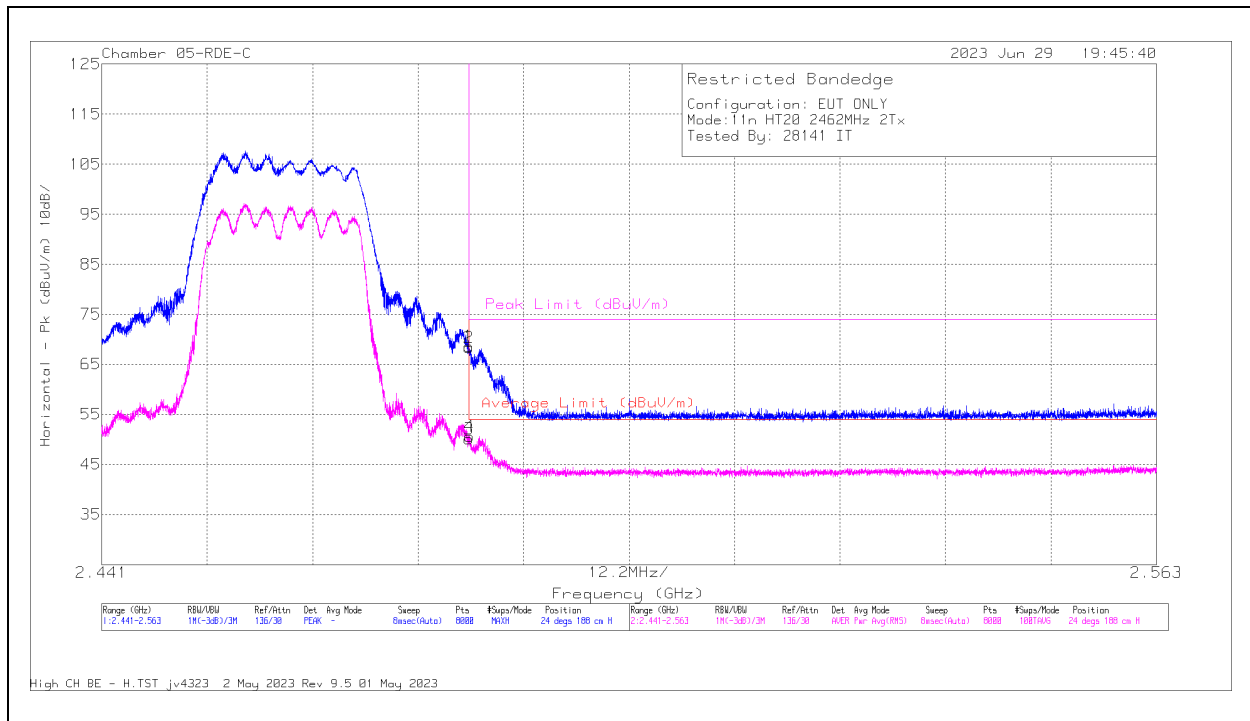


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	70.69	Pk	32.4	0	-40.35	62.74	-	-	74	-11.26	187	151	V
2	2.483538	72.99	Pk	32.4	0	-40.35	65.04	-	-	74	-8.96	187	151	V
3	2.4835	55.56	RMS	32.4	.37	-40.35	47.98	54	-6.02	-	-	187	151	V
4	2.483584	56.25	RMS	32.4	.37	-40.35	48.67	54	-5.33	-	-	187	151	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 11)**

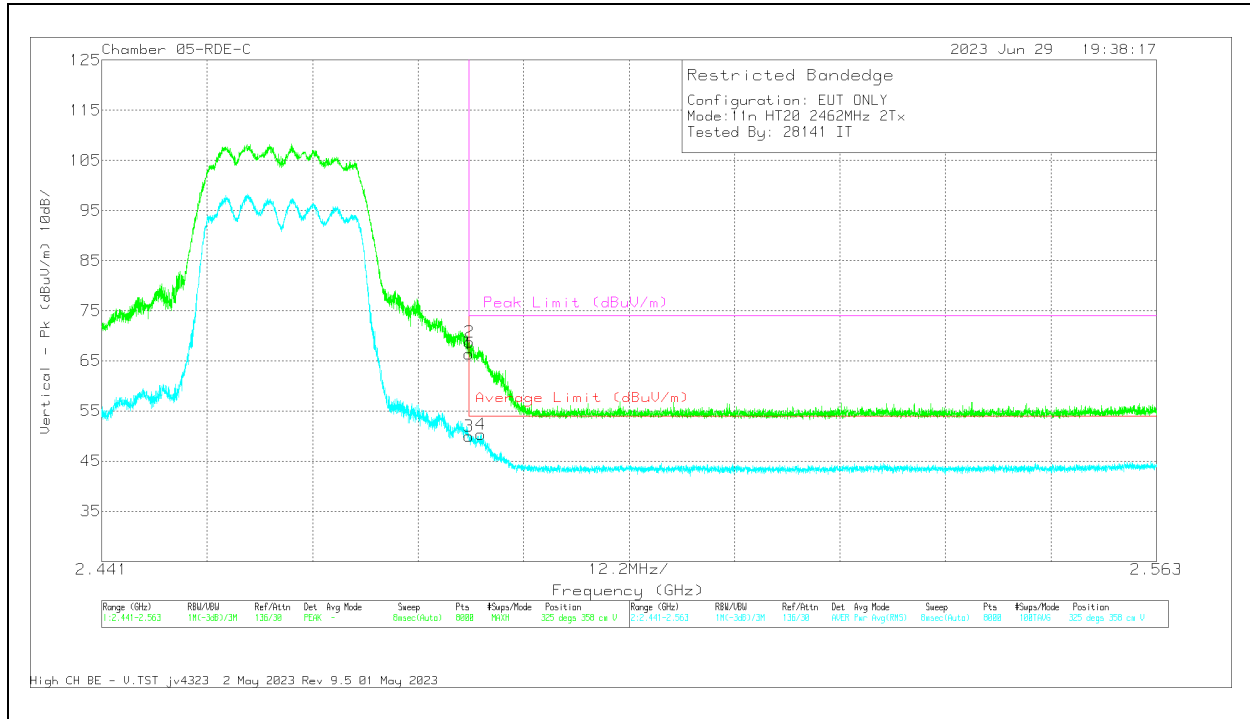
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	76.6	Pk	32.4	0	-40.35	68.65	-	-	74	-5.35	24	188	H
2	2.483507	76.28	Pk	32.4	0	-40.35	68.33	-	-	74	-5.67	24	188	H
3	2.4835	57.79	RMS	32.4	.37	-40.35	50.21	54	-3.79	-	-	24	188	H
4	2.483553	58.37	RMS	32.4	.37	-40.35	50.79	54	-3.21	-	-	24	188	H

PK - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

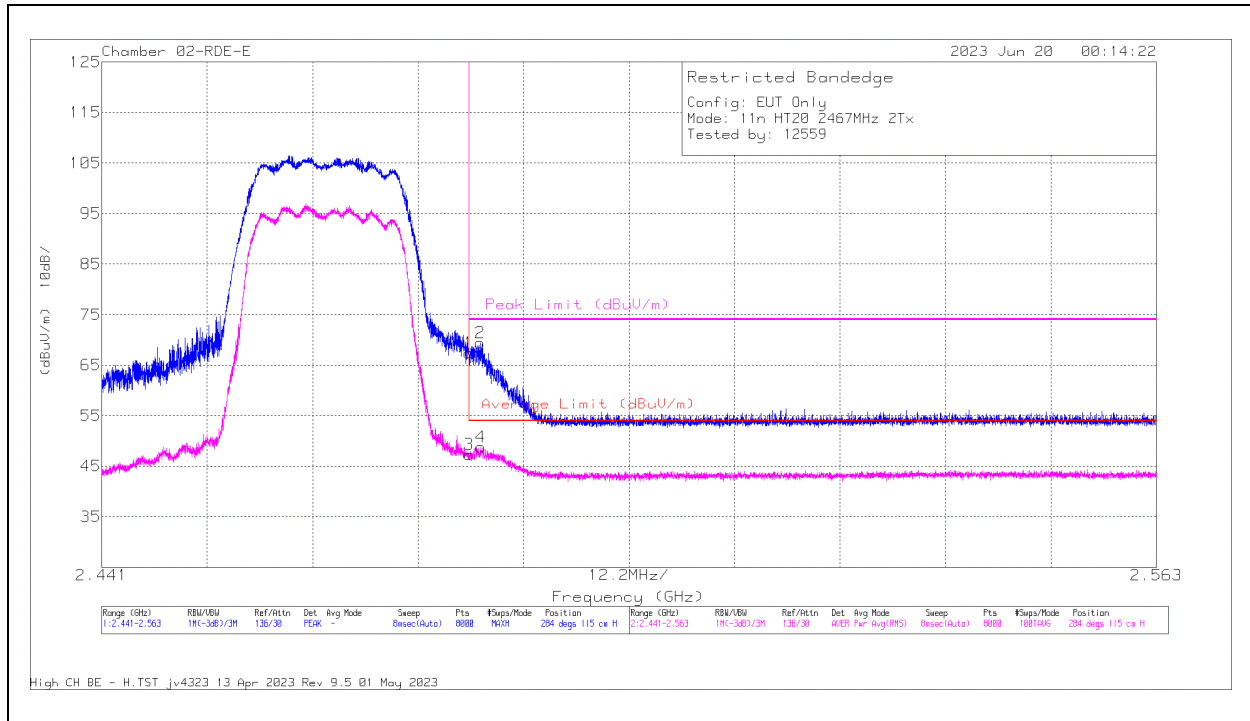


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	74.34	Pk	32.4	0	-40.35	66.39	-	-	74	-7.61	325	358	V
2	2.483568	76.7	Pk	32.4	0	-40.35	68.75	-	-	74	-5.25	325	358	V
3	2.4835	57.68	RMS	32.4	.37	-40.35	50.10	54	-3.90	-	-	325	358	V
4	2.484865	57.81	RMS	32.5	.37	-40.21	50.47	54	-3.53	-	-	325	358	V

Pk - Peak detector  
RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 12)**

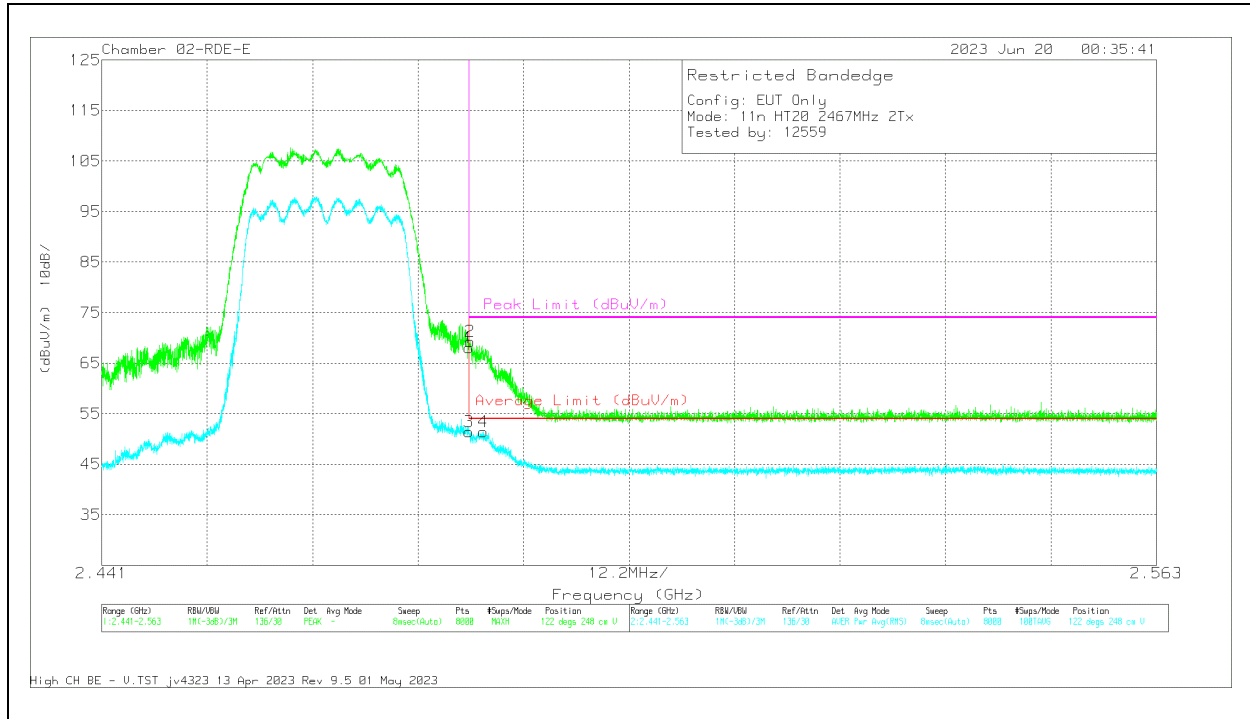
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	74.34	Pk	32.3	0	-39.16	67.48	-	-	74	-6.52	284	115	H
2	* 2.484788	76.26	Pk	32.3	0	-39.13	69.43	-	-	74	-4.57	284	115	H
3	* 2.4835	53.96	RMS	32.3	.37	-39.16	47.47	54	-6.53	-	-	284	115	H
4	* 2.48488	55.43	RMS	32.3	.37	-39.13	48.97	54	-5.03	-	-	284	115	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

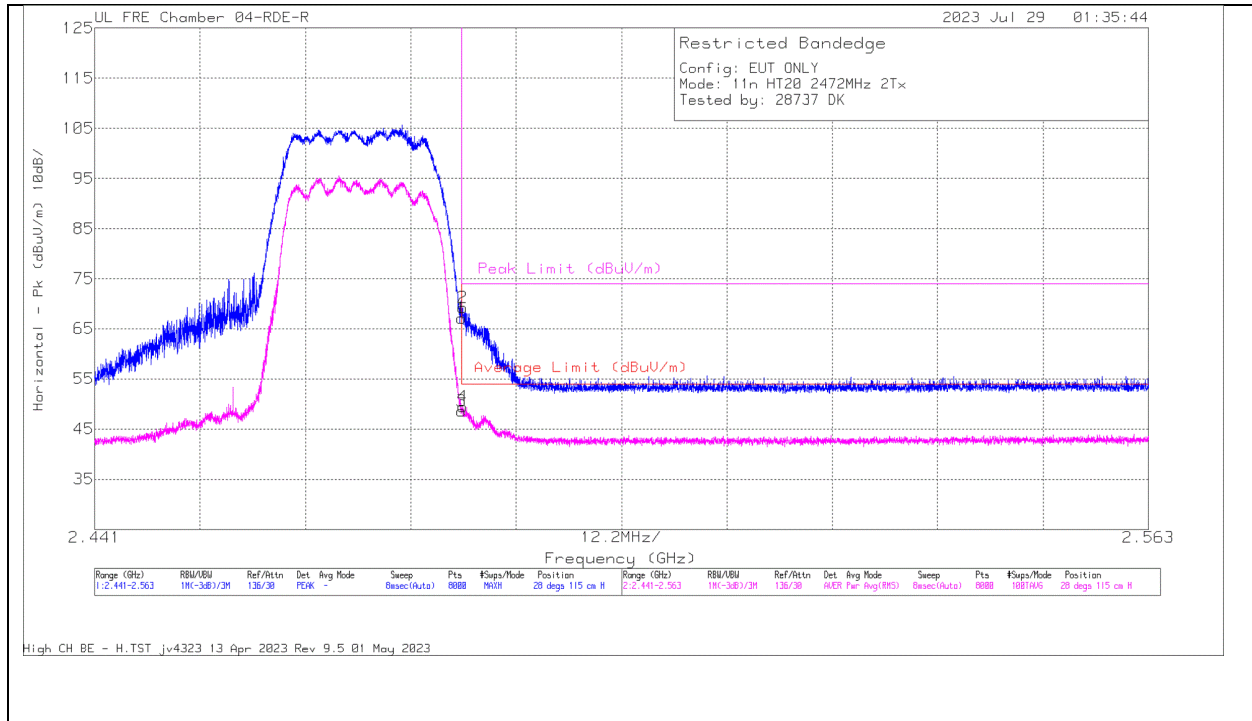


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	74.86	Pk	32.3	0	-39.16	68	-	-	74	-6	122	248	V
2	* 2.483599	76.19	PK	32.3	0	-39.15	69.34	-	-	74	-4.66	122	248	V
3	* 2.4835	58.09	RMS	32.3	.37	-39.16	51.6	54	-2.40	-	-	122	248	V
4	* 2.485124	58	RMS	32.3	.37	-39.13	51.54	54	-2.46	-	-	122	248	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (HIGH CHANNEL, CH 13)**

**HORIZONTAL RESULT**

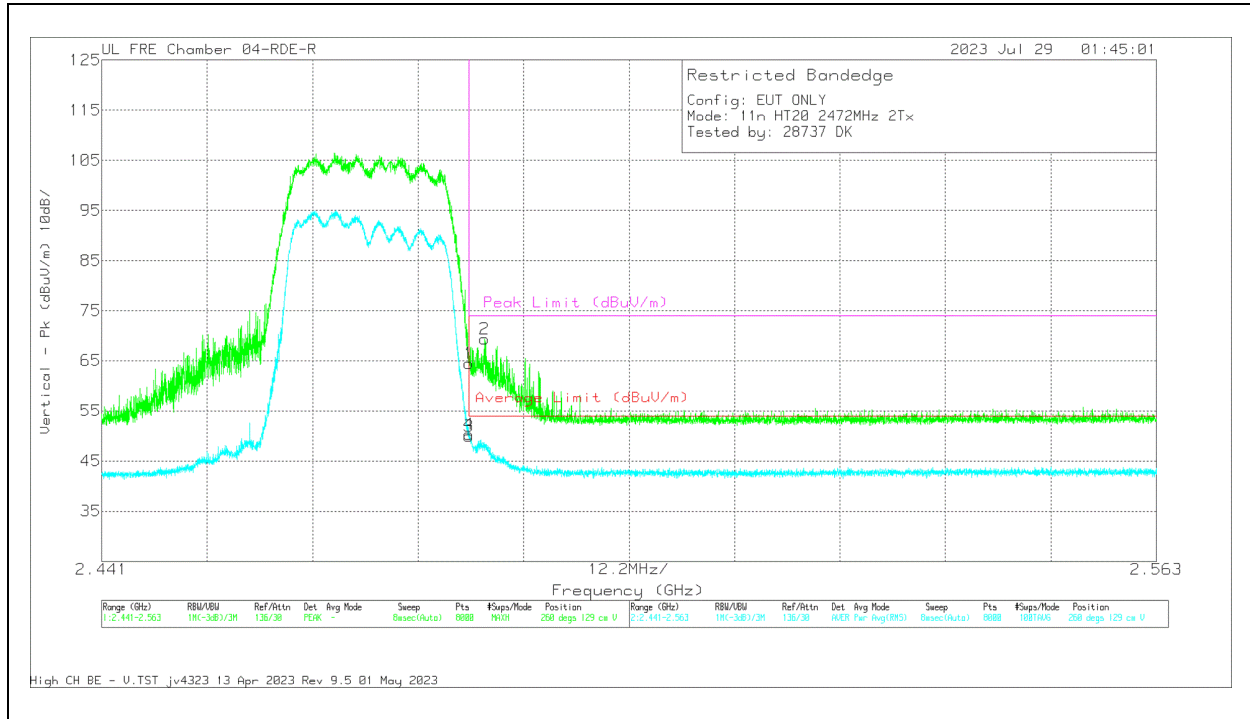


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	75.33	Pk	32.1	0	-40.37	67.06	-	-	74	-6.94	28	115	H
2	2.483584	77.49	Pk	32.1	0	-40.37	69.22	-	-	74	-4.78	28	115	H
3	2.4835	56.65	RMS	32.1	.37	-40.37	48.75	54	-5.25	-	-	28	115	H
4	2.483629	57.52	RMS	32.1	.37	-40.37	49.62	54	-4.38	-	-	28	115	H

Pk - Peak detector  
 RMS - RMS detection



**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	72.72	Pk	32.1	0	-40.37	64.45	-	-	74	-9.55	260	129	V
2	2.485292	77.59	Pk	32.1	0	-40.34	69.35	-	-	74	-4.65	260	129	V
3	2.4835	58.08	RMS	32.1	.37	-40.37	50.18	54	-3.82	-	-	260	129	V
4	2.483507	58.43	RMS	32.1	.37	-40.37	50.53	54	-3.47	-	-	260	129	V

Pk - Peak detector  
 RMS - RMS detection