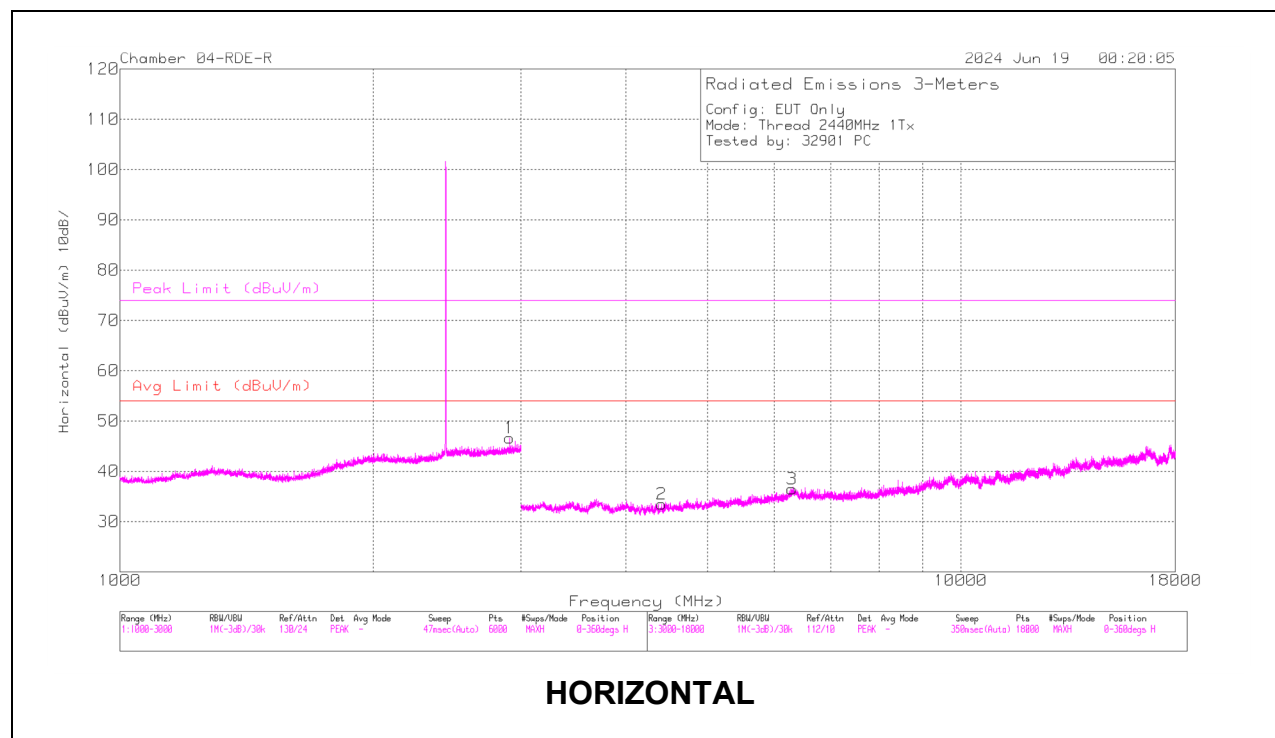
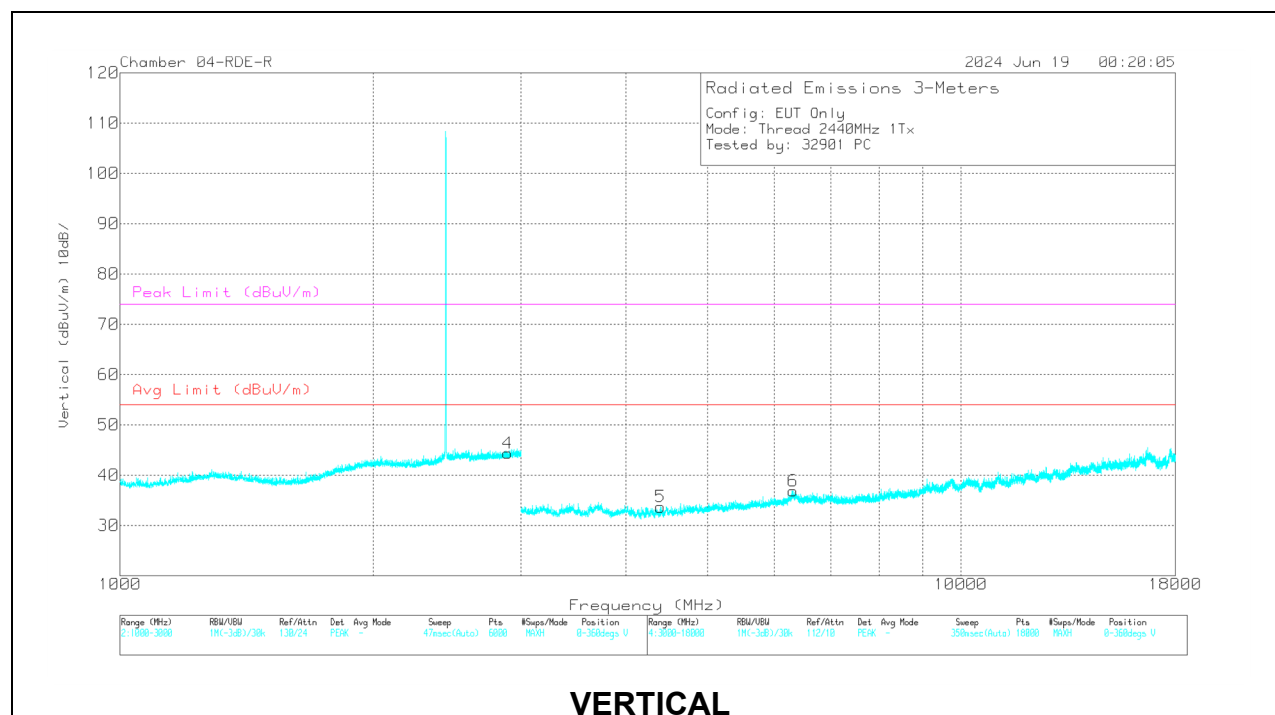


MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

Radiated Emissions

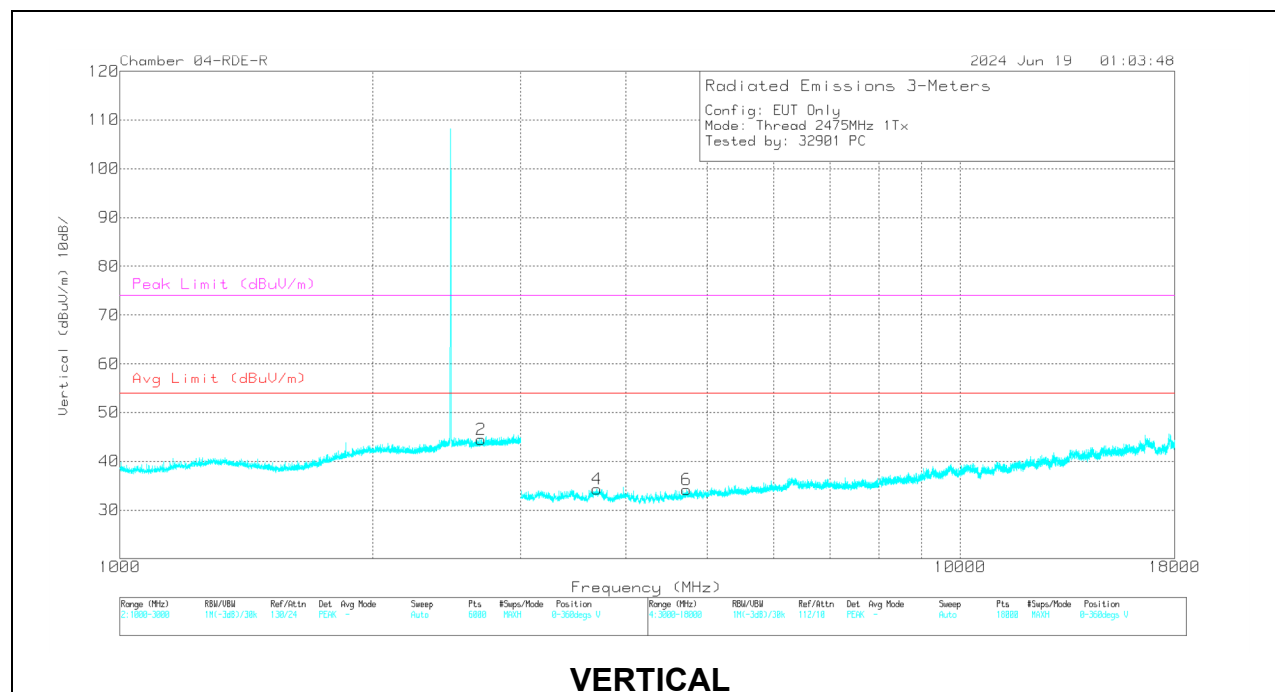
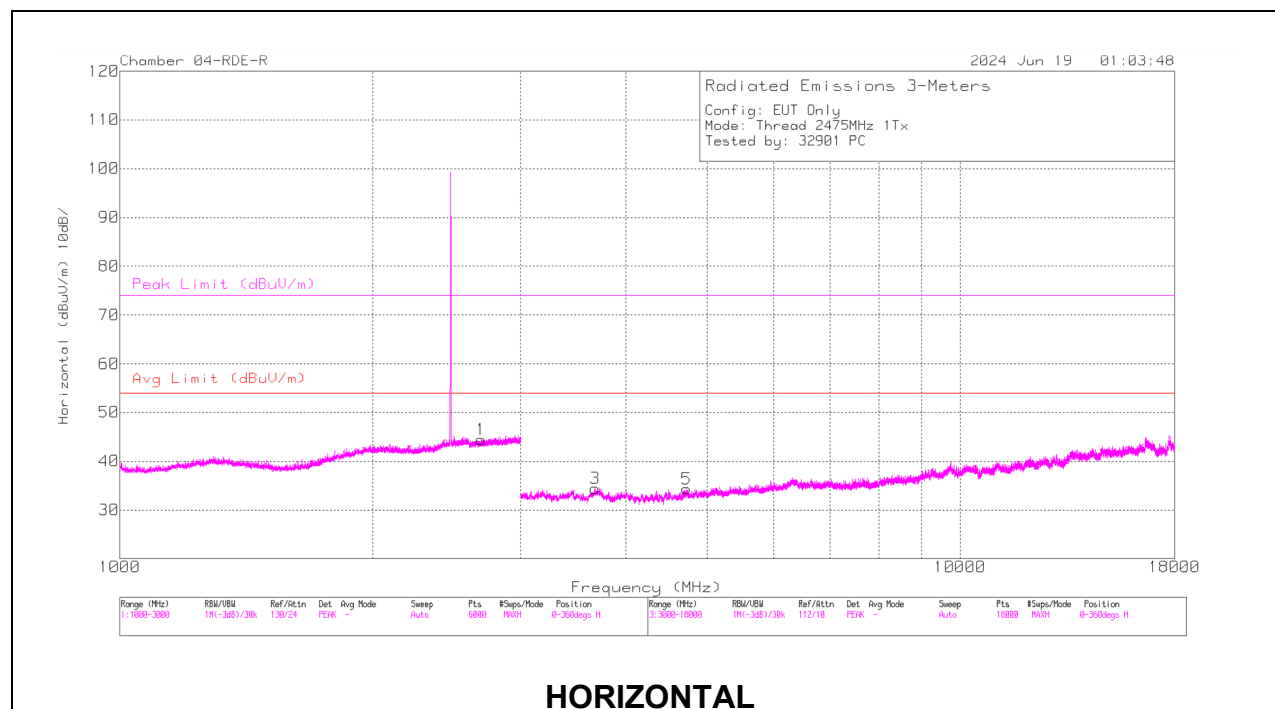
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	4112 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2890.561	60.38	PK2	32.5	-38.48	54.4	-	-	74	-19.6	4	340	V
	* 2889.804	48.24	MAv1	32.5	-38.47	42.27	54	-11.73	-	-	4	340	V
5	* 4391.467	58.08	PK2	33.5	-48.18	43.4	-	-	74	-30.6	153	388	V
	* 4393.046	45.98	MAv1	33.5	-48.24	31.24	54	-22.76	-	-	153	388	V
1	2905.309	60.06	PK2	32.5	-38.37	54.19	-	-	74	-19.81	86	278	H
	2906.823	48.29	MAv1	32.5	-38.33	42.46	-	-	-	-	86	278	H
2	4407.656	46.72	MAv1	33.5	-48.55	31.67	-	-	-	-	275	325	H
	4408.01	58.65	PK2	33.5	-48.56	43.59	-	-	74	-30.41	275	325	H
3	6297.946	44.38	MAv1	35.6	-44.92	35.06	-	-	-	-	86	377	H
	6299.813	55.66	PK2	35.6	-44.89	46.37	-	-	74	-27.63	86	377	H
6	6313.428	55.94	PK2	35.6	-44.85	46.69	-	-	74	-27.31	246	398	V
	6314.674	44.23	MAv1	35.6	-44.87	34.96	-	-	-	-	246	398	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 RESULTS



Radiated Emissions

	Meter Reading (dBuV)	Det	41112 ACF (dB/m)	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
1	61.01	PK2	32.3	-39.19	54.12	-	-	74	-19.88	358	362	V
1	49.04	MAv1	32.3	-39.22	42.12	54	-11.88	-	-	358	362	V
2	58.15	PK2	33.1	-47.4	43.85	-	-	74	-30.15	358	249	H
2	47.06	MAv1	33.1	-47.38	32.78	54	-21.22	-	-	358	249	H
5	57.76	PK2	34	-47.97	43.79	-	-	74	-30.21	110	156	H
5	45.96	MAv1	34	-47.93	32.03	54	-21.97	-	-	110	156	H
3	58.62	PK2	33	-47.32	44.3	-	-	74	-29.7	2	279	V
3	46.7	MAv1	33	-47.31	32.39	54	-21.61	-	-	2	279	V
6	58.06	PK2	34	-48.05	44.01	-	-	74	-29.99	154	369	V
6	46.26	MAv1	34	-48.1	32.16	54	-21.84	-	-	154	369	V
4	62.23	PK2	31.6	-40.7	53.13	-	-	74	-20.87	358	374	H
4	50.04	MAv1	31.6	-40.7	40.94	-	-	-	-	358	374	H

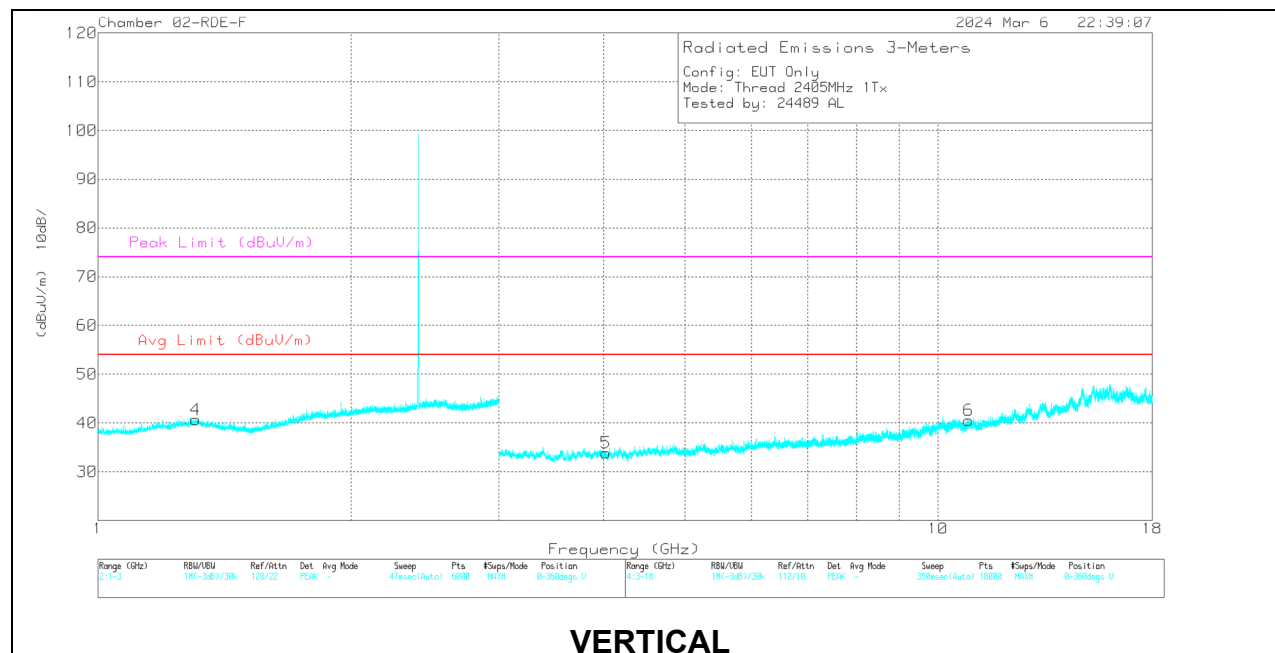
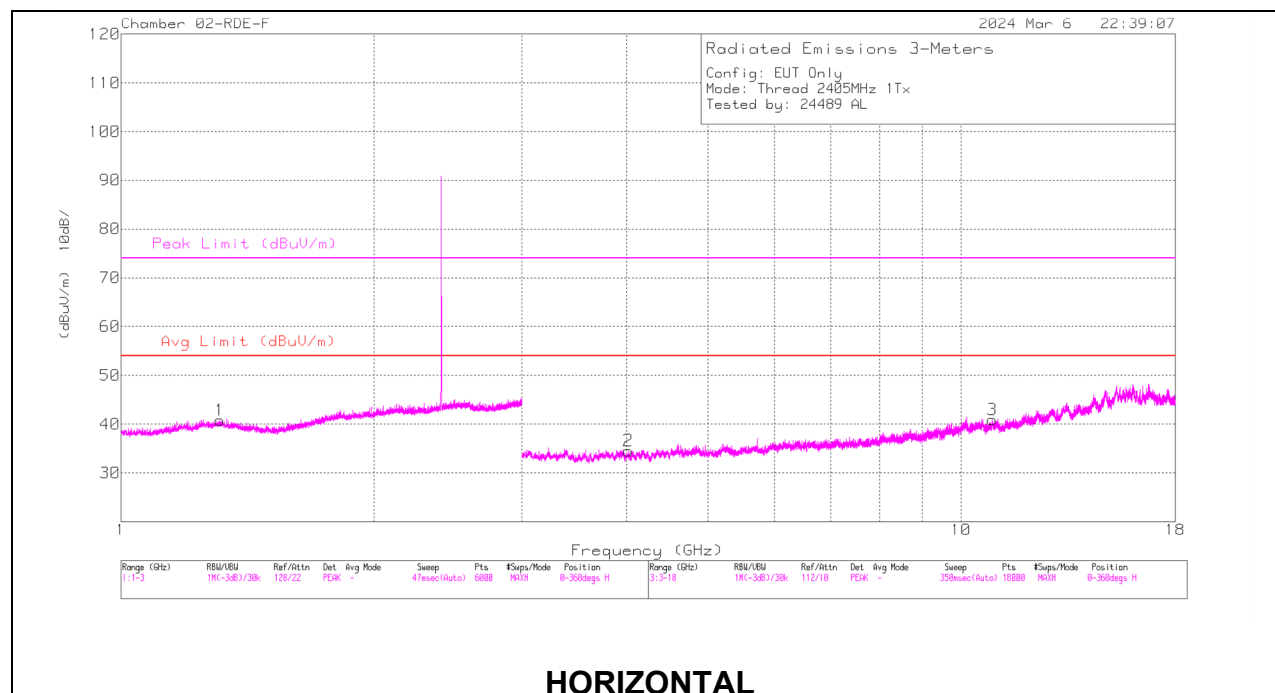
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

10.1.4. ANT4, 802.15.4 LOW POWER, HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

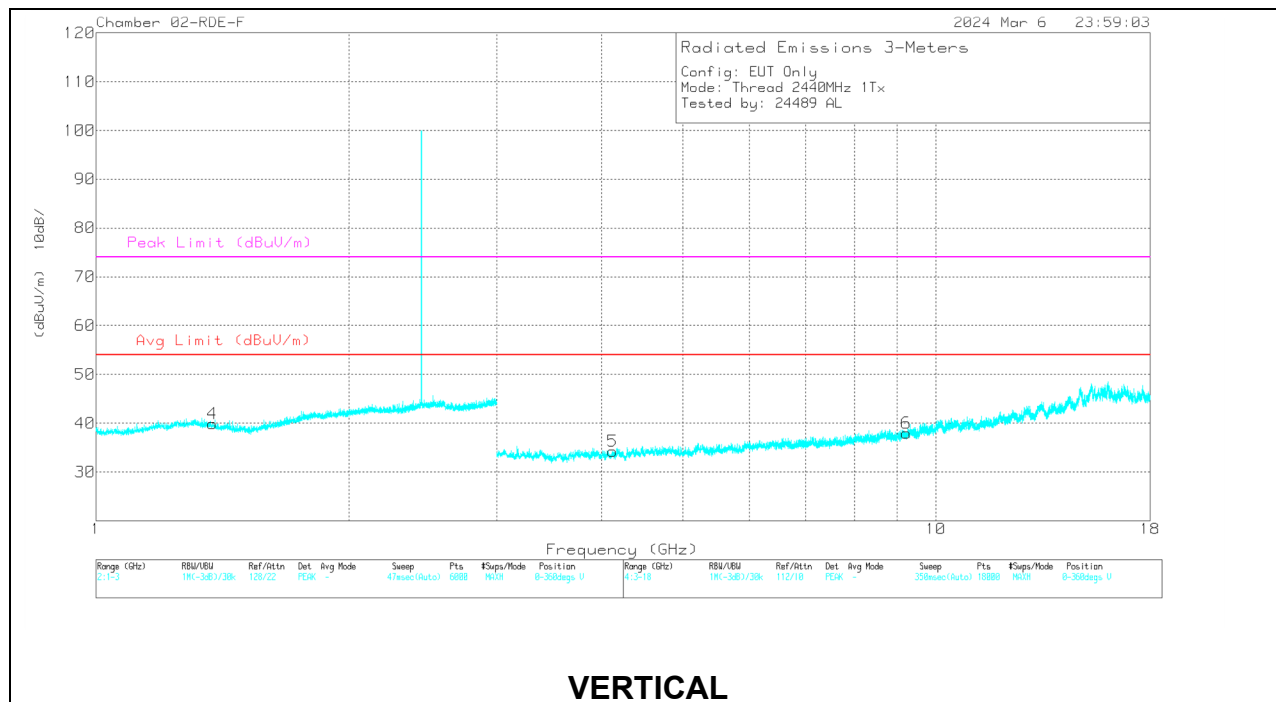
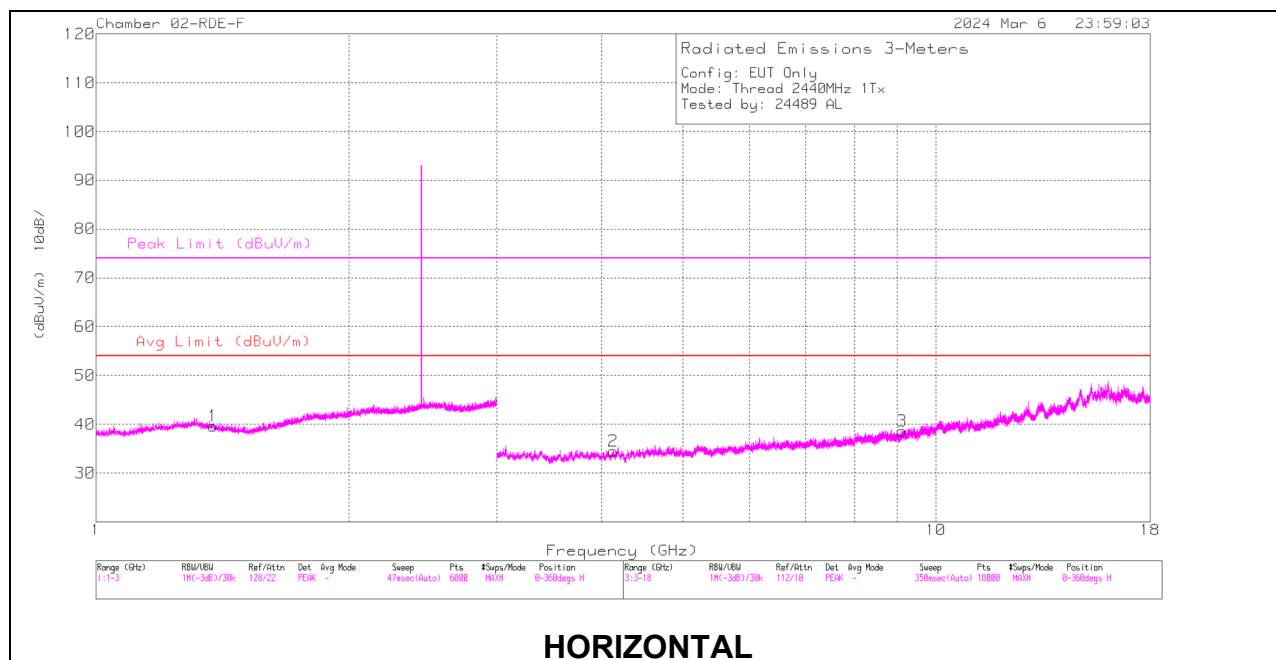
Frequency (GHz)	Meter Reading (dBuV)	Det	206808 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.31039	58.33	PKFH	28.9	-38.3	48.93	-	-	74	-25.07	88	209	H
* 1.309771	44.9	VA1T	28.9	-38.4	35.4	54	-18.6	-	-	88	209	H
* 1.308048	58.36	PKFH	28.9	-38.3	48.96	-	-	74	-25.04	256	135	V
* 1.309816	44.92	VA1T	28.9	-38.4	35.42	54	-18.58	-	-	256	135	V
* 4.018774	54.76	PKFH	33.3	-45.6	42.46	-	-	74	-31.54	206	244	H
* 4.015959	41.25	VA1T	33.3	-45.5	29.05	54	-24.95	-	-	206	244	H
* 10.90907	53.8	PKFH	37.7	-42.6	48.9	-	-	74	-25.1	348	179	H
* 10.907144	40.51	VA1T	37.7	-42.6	35.61	54	-18.39	-	-	348	179	H
* 4.026693	54.69	PKFH	33.3	-45.3	42.69	-	-	74	-31.31	294	217	V
* 4.025401	41.01	VA1T	33.3	-45.4	28.91	54	-25.09	-	-	294	217	V
* 10.889885	53.76	PKFH	37.7	-42.8	48.66	-	-	74	-25.34	244	129	V
* 10.889636	40.5	VA1T	37.7	-42.9	35.3	54	-18.7	-	-	244	129	V

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

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

MID CHANNEL RESULTS



RADIATED EMISSIONS

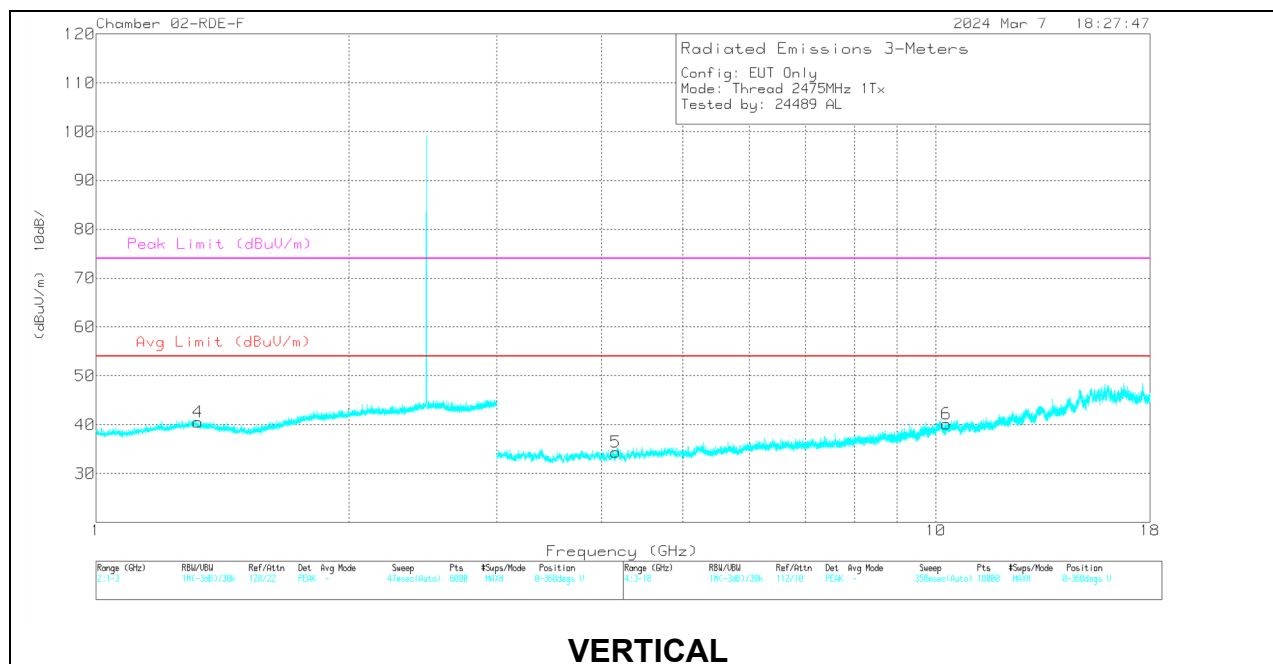
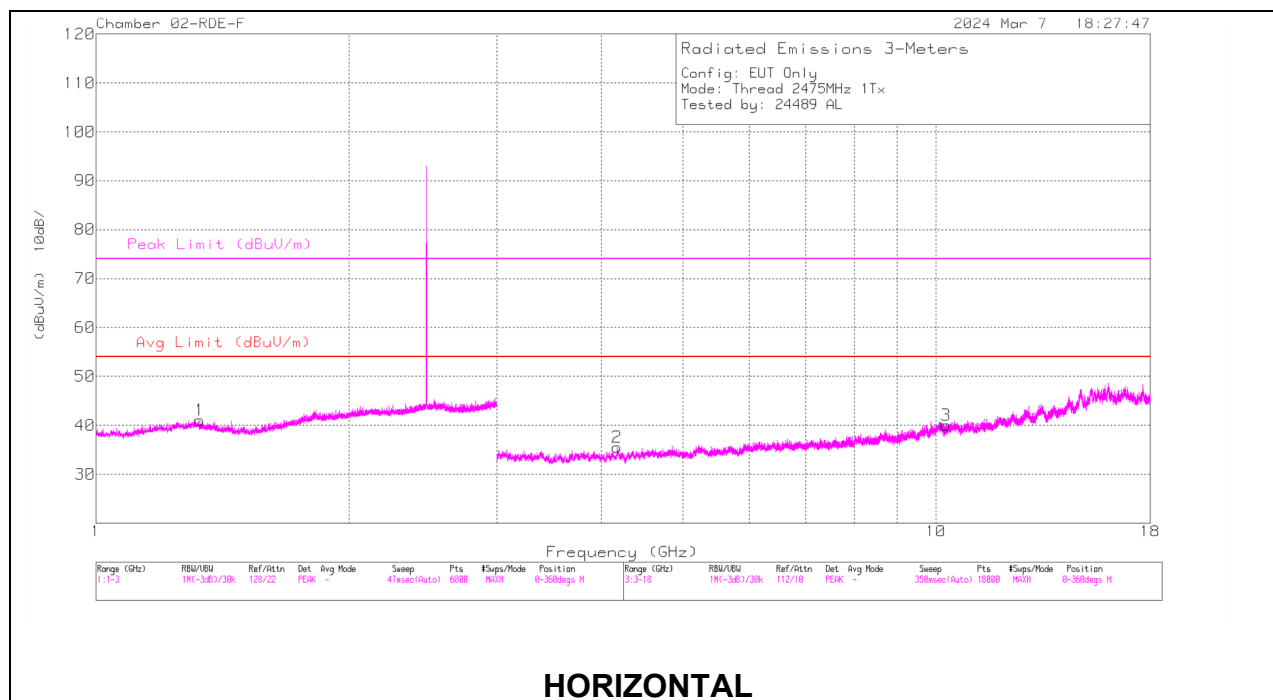
Frequency (GHz)	Meter Reading (dBuV)	Det	206808 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
* 1.376207	57.65	PKFH	28.5	-38.1	48.05	-	-	74	-25.95	74	109	H
* 1.377311	44.51	VA1T	28.5	-38.2	34.81	54	-19.19	-	-	74	109	H
* 1.376304	57.64	PKFH	28.5	-38.1	48.04	-	-	74	-25.96	110	191	V
* 1.376127	44.51	VA1T	28.5	-38.1	34.91	54	-19.09	-	-	110	191	V
* 4.127307	56.21	PKFH	33.3	-45.7	43.81	-	-	74	-30.19	280	142	H
* 4.127579	41.61	VA1T	33.3	-45.7	29.21	54	-24.79	-	-	280	142	H
* 9.120647	54.88	PKFH	35.9	-42.5	48.28	-	-	74	-25.72	271	193	H
* 9.119352	40.03	VA1T	35.9	-42.6	33.33	54	-20.67	-	-	271	193	H
* 4.123187	55.87	PKFH	33.3	-45.7	43.47	-	-	74	-30.53	298	225	V
* 4.124015	41.55	VA1T	33.3	-45.8	29.05	54	-24.95	-	-	298	225	V
9.220069	39.95	VA1T	36.1	-43.1	32.95	-	-	-	-	292	184	V
9.22174	53.78	PKFH	36.1	-42.9	46.98	-	-	-	-	292	184	V

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

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	206808 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.330871	58.15	PKFH	28.8	-38.2	48.75	-	-	74	-25.25	76	212	H
* 1.327682	44.57	VA1T	28.8	-38.3	35.07	54	-18.93	-	-	76	212	H
* 1.321854	57.5	PKFH	28.8	-38.3	48	-	-	74	-26	135	171	V
* 1.321495	44.8	VA1T	28.9	-38.3	35.4	54	-18.6	-	-	135	171	V
* 4.176016	55.55	PKFH	33.3	-45.8	43.05	-	-	74	-30.95	283	202	H
* 4.176154	42.3	VA1T	33.3	-45.8	29.8	54	-24.2	-	-	283	202	H
* 4.158332	54.92	PKFH	33.3	-45.9	42.32	-	-	74	-31.68	54	330	V
* 4.157238	41.49	VA1T	33.3	-46	28.79	54	-25.21	-	-	54	330	V
10.285552	40.87	VA1T	37.5	-43.5	34.87	-	-	-	-	345	146	H
10.286295	54.05	PKFH	37.5	-43.4	48.15	-	-	-	-	345	146	H
10.305357	41.1	VA1T	37.6	-43.7	35	-	-	-	-	116	204	V
10.308356	54.05	PKFH	37.6	-44.1	47.55	-	-	-	-	116	204	V

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

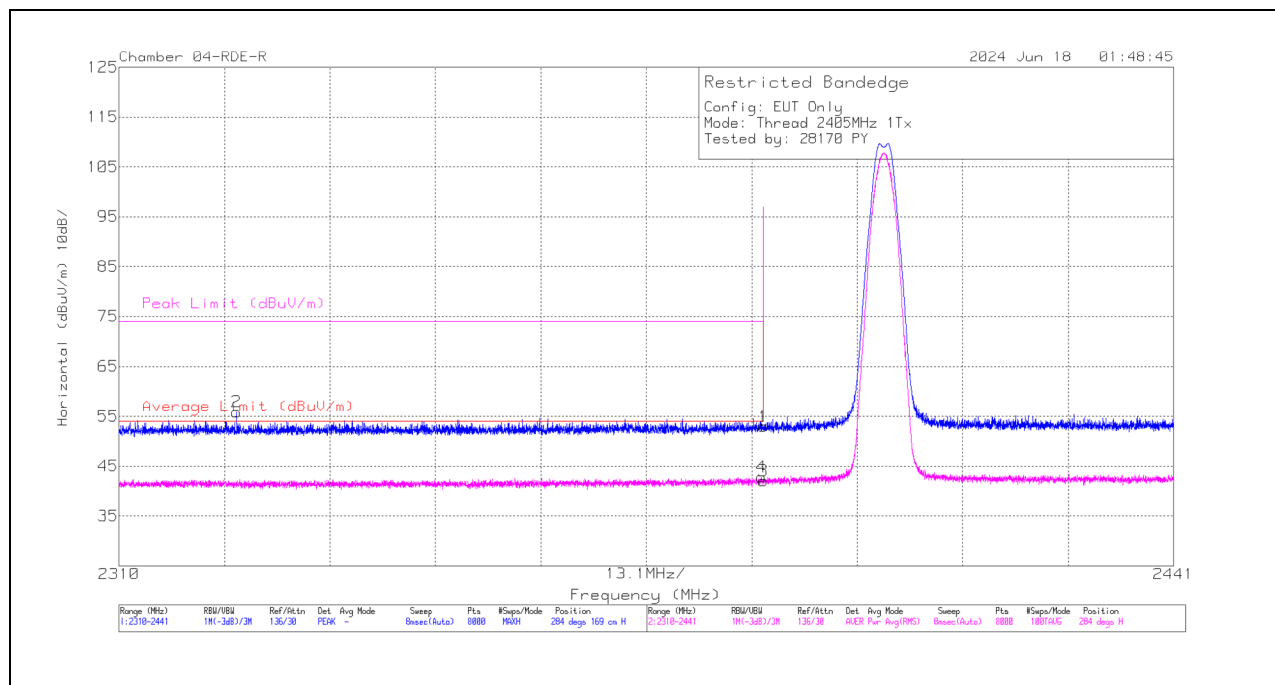
PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

10.1.5. ANT3, 802.15.4 HIGH POWER BANDEGE

Low Channel

HORIZONTAL RESULT



Trace Markers

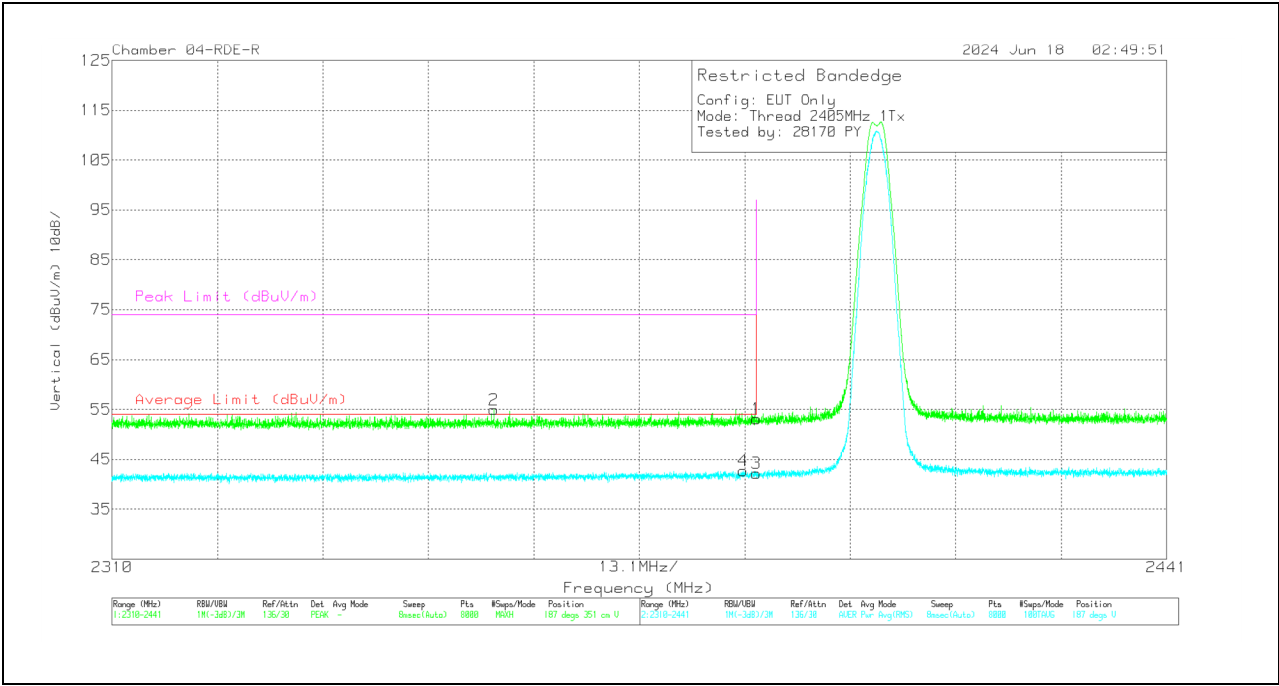
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	41112 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	61.38	Pk	32	0	-40.44	52.94	-	-	74	-21.06	284	169	H
2	* 2324.625	64.72	Pk	31.8	0	-40.6	55.92	-	-	74	-18.08	284	169	H
3	* 2390	50.56	RMS	32	0	-40.44	42.12	54	-11.88	-	-	284	169	H
4	* 2389.789	51.25	RMS	32	0	-40.44	42.81	54	-11.19	-	-	284	169	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



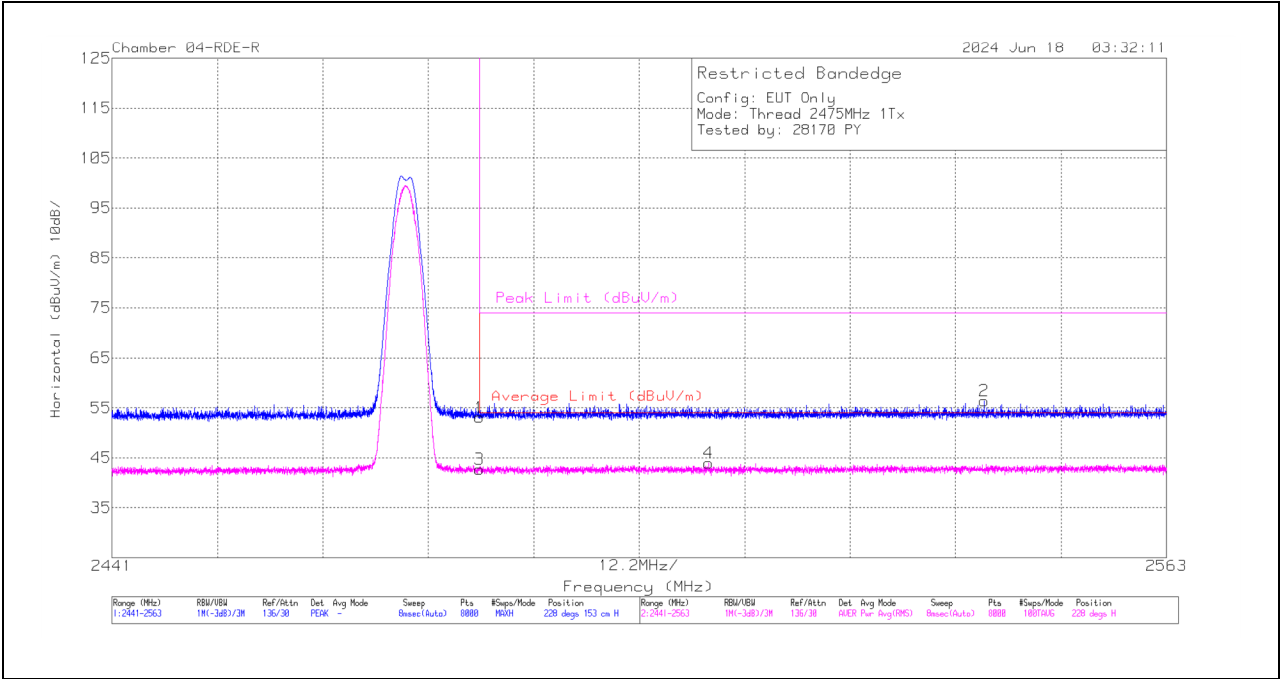
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	41112 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	* 2390	61.59	Pk	32	0	-40.44	53.15	-	-	74	-20.85	187	351	V
2	* 2357.428	63.7	Pk	31.8	0	-40.55	54.95	-	-	74	-19.05	187	351	V
3	* 2390	50.66	RMS	32	0	-40.44	42.22	54	-11.78	-	-	187	351	V
4	* 2388.413	51.14	RMS	32	0	-40.43	42.71	54	-11.29	-	-	187	351	V

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

High CHANNEL

HORIZONTAL RESULT

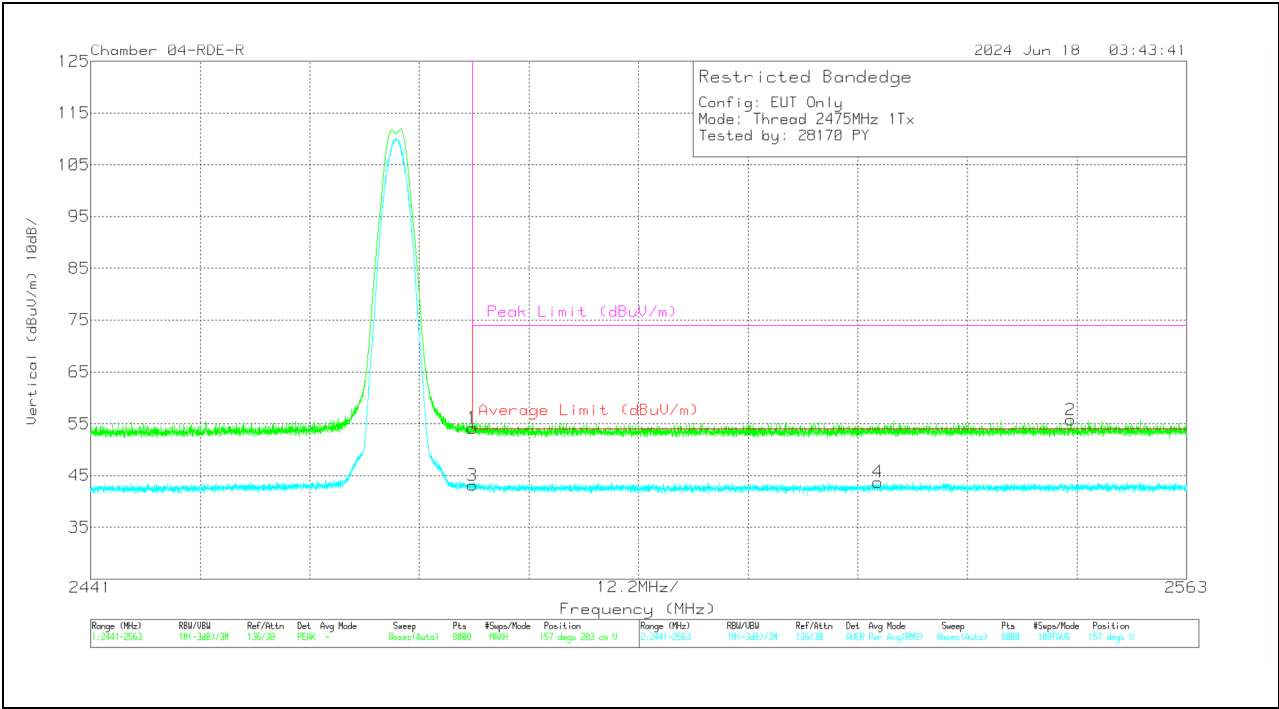


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	41112 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	* 2483.5	60.89	PK	32.3	0	-40.12	53.07	-	-	74	-20.93	228	153	H
3	* 2483.5	50.48	RMS	32.3	0	-40.12	42.66	54	-11.34	-	-	228	153	H
4	2510.031	51.63	RMS	32.3	0	-40	43.93	54	-10.07	-	-	228	153	H
2	2541.907	63.93	PK	32.4	0	-39.94	56.39	-	-	74	-17.61	228	153	H

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

VERTICAL RESULT



Trace Markers

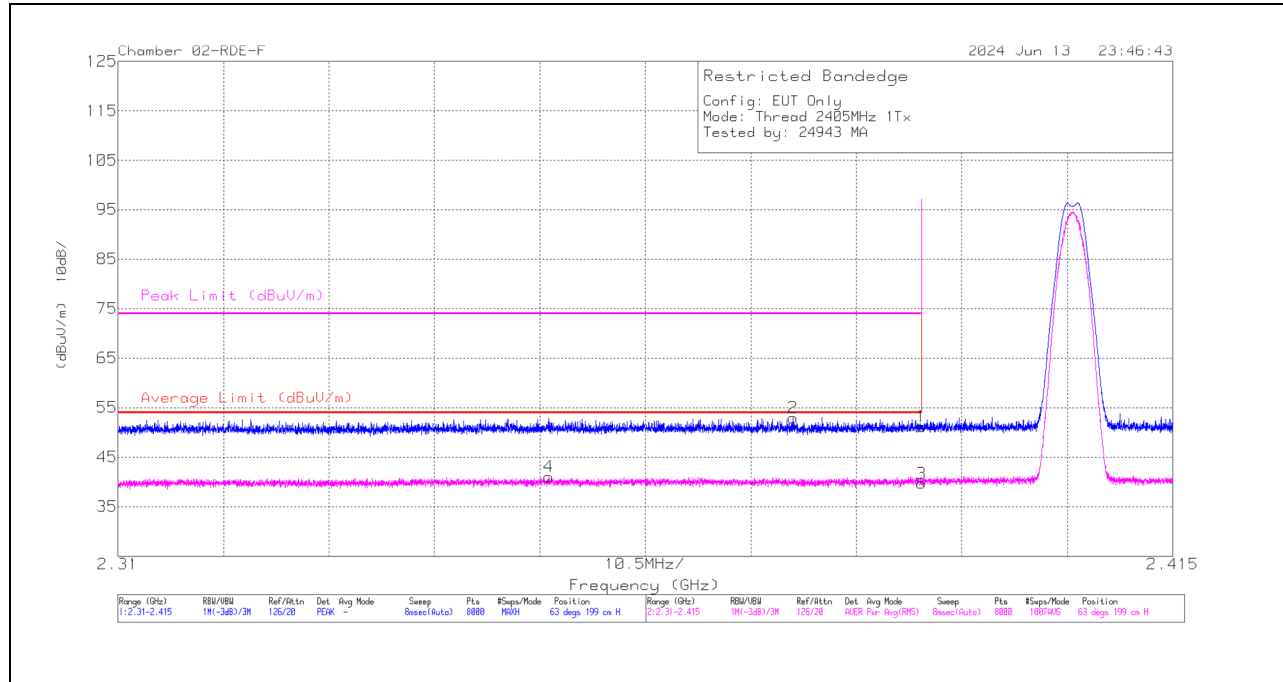
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	41112 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	62.01	Pk	32.3	0	-40.12	54.19	-	-	74	-19.81	157	203	V
3	* 2483.5	50.96	RMS	32.3	0	-40.12	43.14	54	-10.86	-	-	157	203	V
4	2528.669	51.15	RMS	32.4	0	-39.87	43.68	54	-10.32	-	-	157	203	V
2	2550.128	63.2	Pk	32.4	0	-39.89	55.71	-	-	74	-18.29	157	203	V

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

10.1.6. ANT3, 802.15.4 LOW POWER BANDEDGE

LOW CHANNEL

HORIZONTAL RESULT



Trace Markers

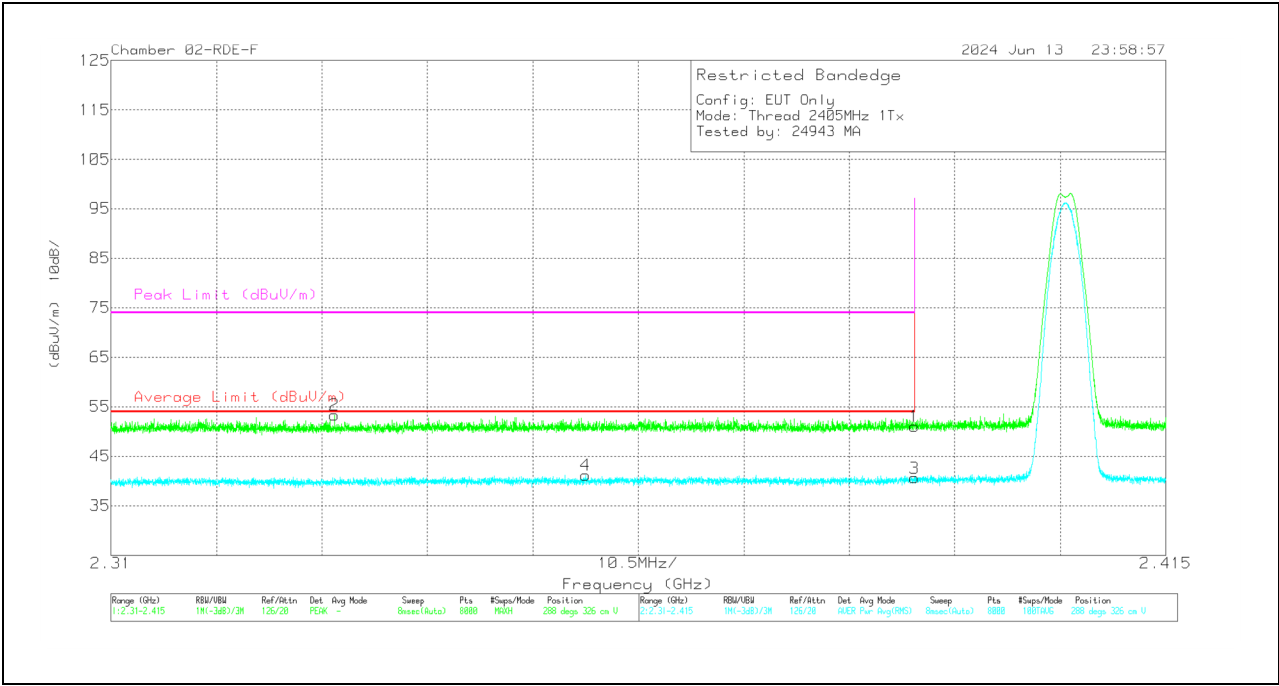
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206806 ACF (dB/m)	DCCF (dB)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	57.87	Pk	32.2	0	-38.9	51.17	-	-	74	-22.83	63	199	H
2	* 2.377223	59.84	Pk	32.1	0	-39	52.94	-	-	74	-21.06	63	199	H
3	* 2.39	46.42	RMS	32.2	0	-38.9	39.72	54	-14.28	-	-	63	199	H
4	* 2.35286	48.05	RMS	32.1	0	-39.1	41.05	54	-12.95	-	-	63	199	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



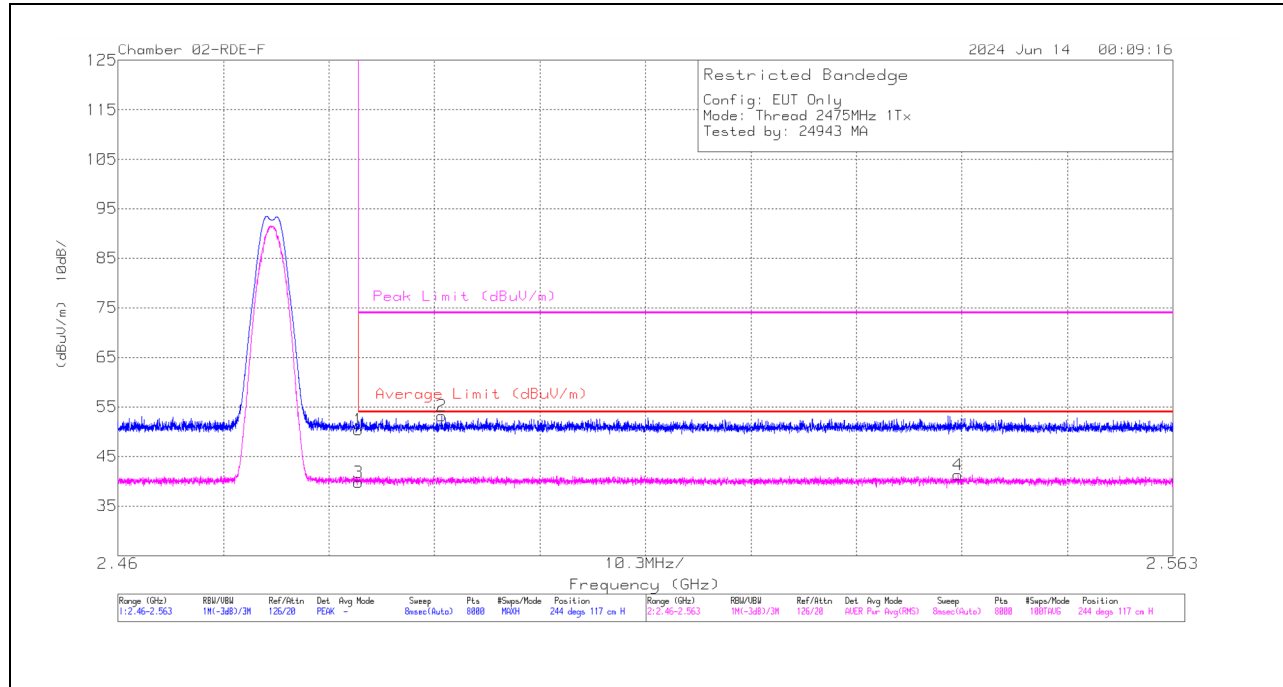
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206806 ACF (dBm)	DCCF (dB)	Amp/Cbl (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	57.74	Pk	32.2	0	-38.9	51.04	-	-	74	-22.96	288	326	V
2	* 2.392237	60.49	Pk	32	0	-39.2	53.29	-	-	74	-20.71	288	326	V
3	* 2.39	47.31	RMS	32.2	0	-38.9	40.61	54	-13.39	-	-	288	326	V
4	* 2.357231	48.32	RMS	32.1	0	-39.2	41.22	54	-12.78	-	-	288	326	V

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

HIGH CHANNEL

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206806 ACF (dB/m)	DCCF (dB)	Amp/Cbl (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	56.97	Pk	32.2	0	-38.7	50.47	-	-	74	-23.53	244	117	H
2	* 2.491613	59.73	Pk	32.2	0	-38.7	53.23	-	-	74	-20.77	244	117	H
3	* 2.4835	46.3	RMS	32.2	0	-38.7	39.8	54	-14.2	-	-	244	117	H
4	2.542039	47.56	RMS	32.2	0	-38.5	41.26	54	-12.74	-	-	244	117	H

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

Pk - Peak detector

RMS - RMS detection