

8.5.3. AVERAGE POWER

ID:	30554	Date:	8/1/2017
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LIMITS

None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	Power UAT 1 (dBm)	Power LAT 3 (dBm)
Low_1	2412	16.41	16.39
Low_2	2417	18.44	18.37
Low_3	2422	19.92	19.91
Low_4	2427	21.43	21.34
Middle_6	2437	21.46	21.33
High_9	2452	19.93	19.88
High_10	2457	18.47	18.31
High_11	2462	16.49	16.41
High_12	2467	14.32	14.38
High_13	2472	6.88	6.91

8.5.4. OUTPUT POWER

ID:	30554	Date:	8/1/2017
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LIMITS

FCC §15.247

IC RSS-247 (5.4) (d)

For systems using digital modulation in the 2400–2483.5 MHz, and 5725–5850 MHz bands: 1 Watt, based on the use of antennas with directional gains that do not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DIRECTIONAL ANTENNA GAIN

The TX chains are uncorrelated and the antenna gain is unequal among the chains. The directional gain is:

UAT 1	LAT 3	Uncorrelated Chains
Gain (dBi)	Gain (dBi)	Directional Gain (dBi)
-2.37	-5.49	-3.66

RESULTS

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low_1	2412	-3.66	30.00	30	36	30.00
Low_2	2417	-3.66	30.00	30	36	30.00
Low_3	2422	-3.66	30.00	30	36	30.00
Low_4	2427	-3.66	30.00	30	36	30.00
Mid	2437	-3.66	30.00	30	36	30.00
High_9	2452	-3.66	30.00	30	36	30.00
High_10	2457	-3.66	30.00	30	36	30.00
High_11	2462	-3.66	30.00	30	36	30.00
High_12	2467	-3.66	30.00	30	36	30.00
High_13	2472	-3.66	30.00	30	36	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power
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Results

Channel	Frequency (MHz)	UAT 1 Meas Power (dBm)	LAT 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low_1	2412	22.97	22.93	25.96	30.00	-4.04
Low_2	2417	24.80	24.96	27.89	30.00	-2.11
Low_3	2422	25.85	26.12	29.00	30.00	-1.00
Low_4	2427	26.52	27.05	29.80	30.00	-0.20
Mid	2437	26.60	27.10	29.87	30.00	-0.13
High_9	2452	25.90	26.00	28.96	30.00	-1.04
High_10	2457	25.10	24.93	28.03	30.00	-1.97
High_11	2462	22.84	22.75	25.81	30.00	-4.19
High_12	2467	20.93	20.99	23.97	30.00	-6.03
High_13	2472	13.32	13.40	16.37	30.00	-13.63

8.5.5. POWER SPECTRAL DENSITY

LIMITS

FCC §15.247

IC RSS-247 (5.2) (b)

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 KHz band during any time interval of continuous transmissions.

RESULTS

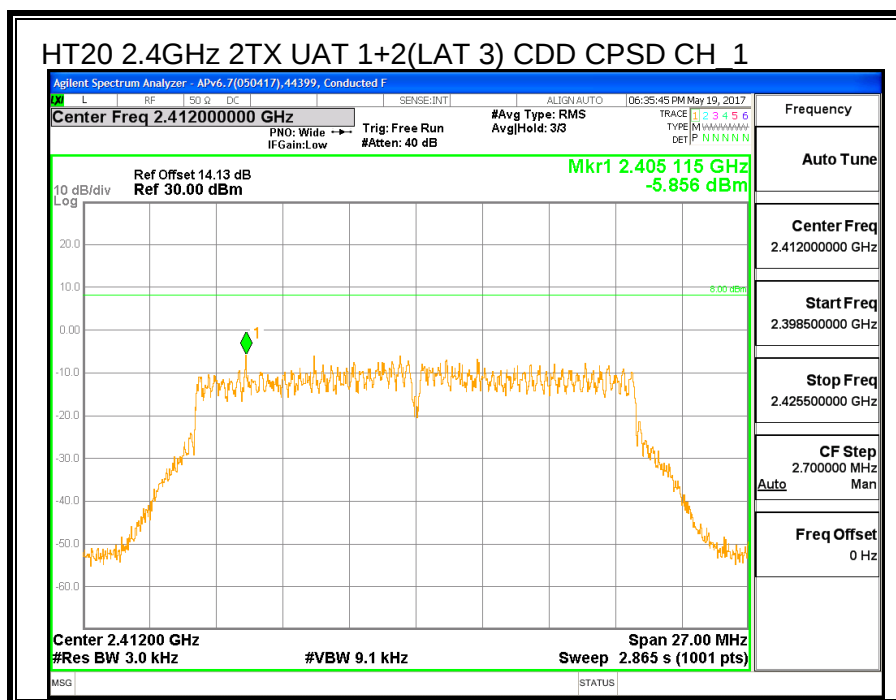
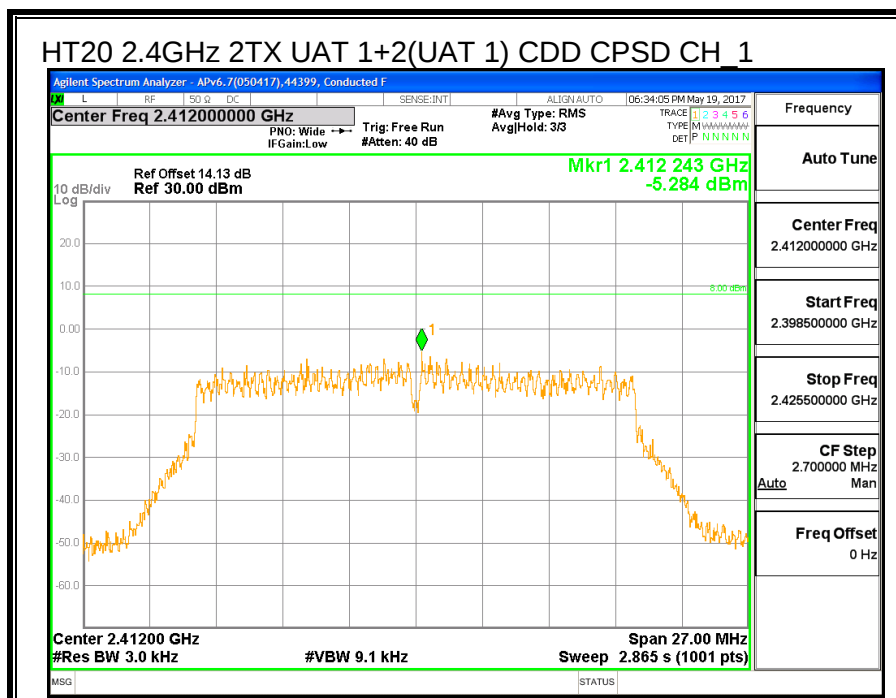
The TX chains are correlated and the antenna gain is unequal among the chains. The directional gain is:

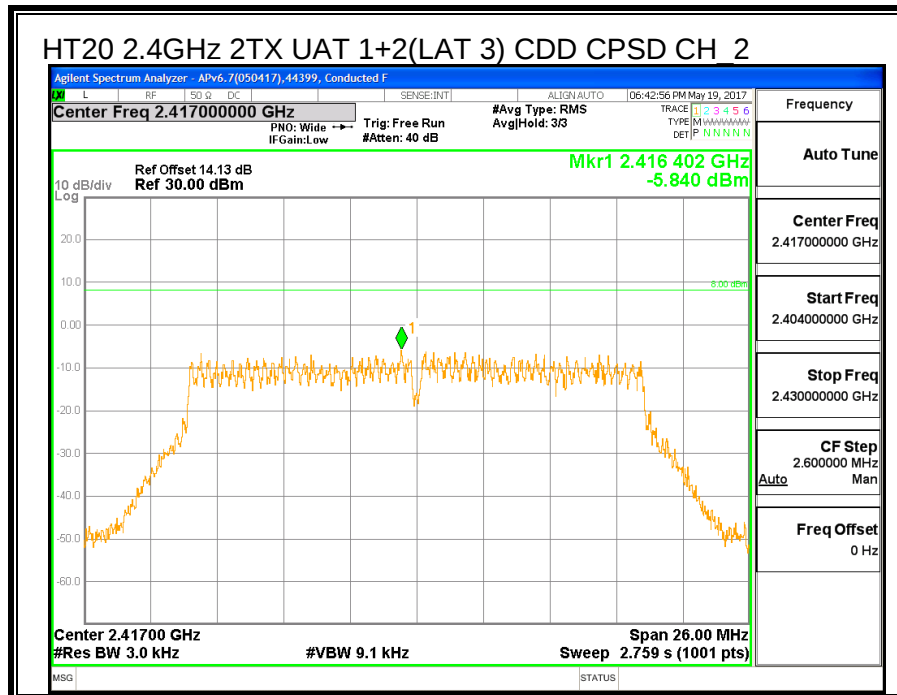
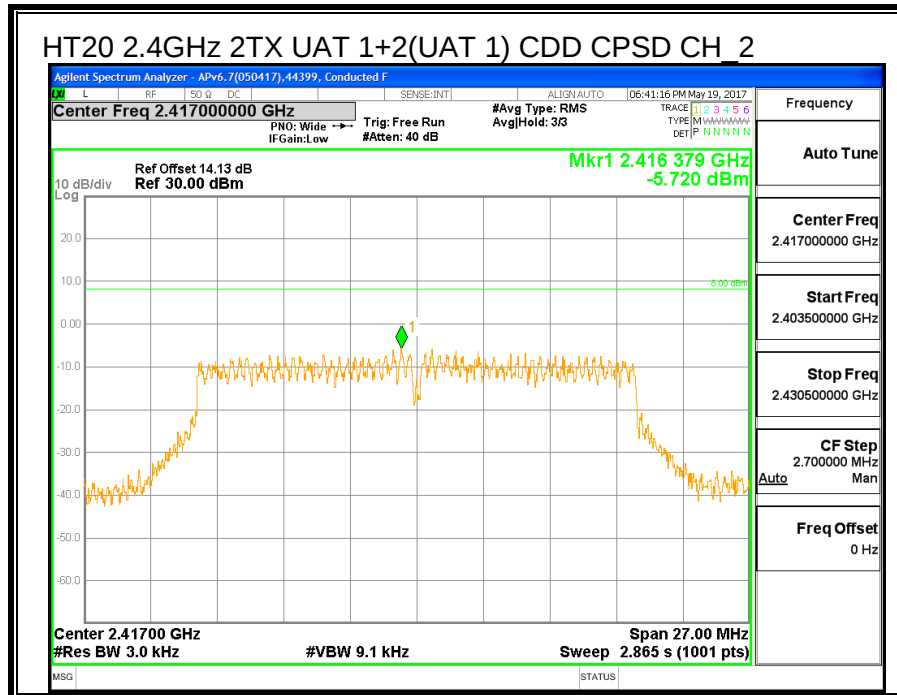
UAT 1 Antenna Gain (dBi)	LAT 3 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
-2.37	-5.49	-0.78

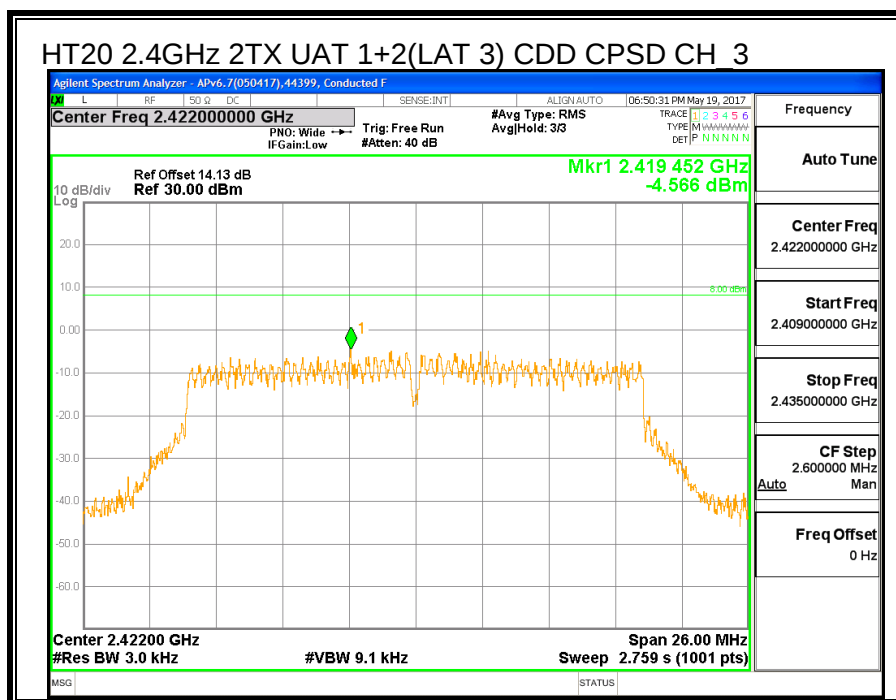
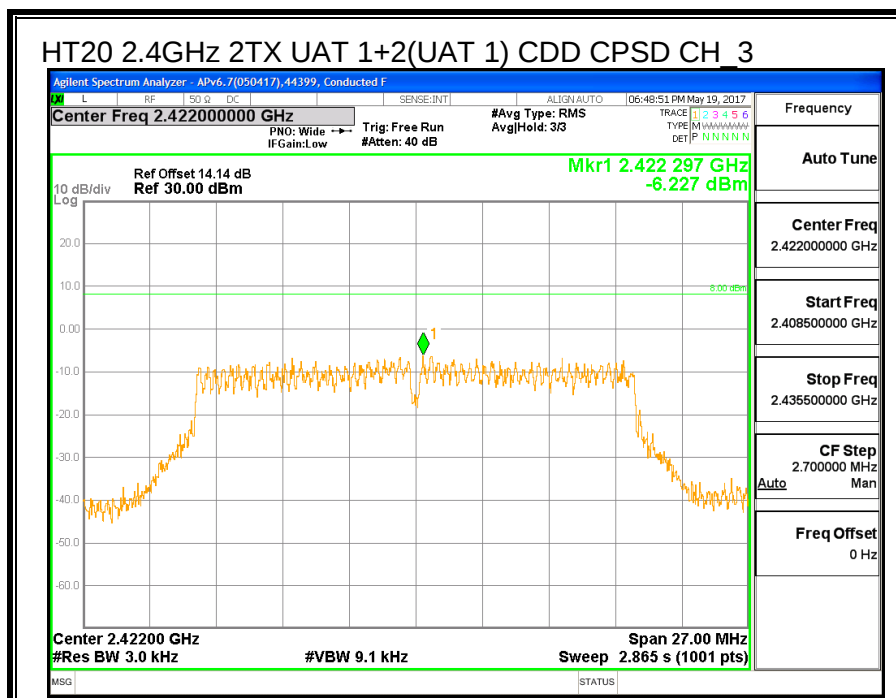
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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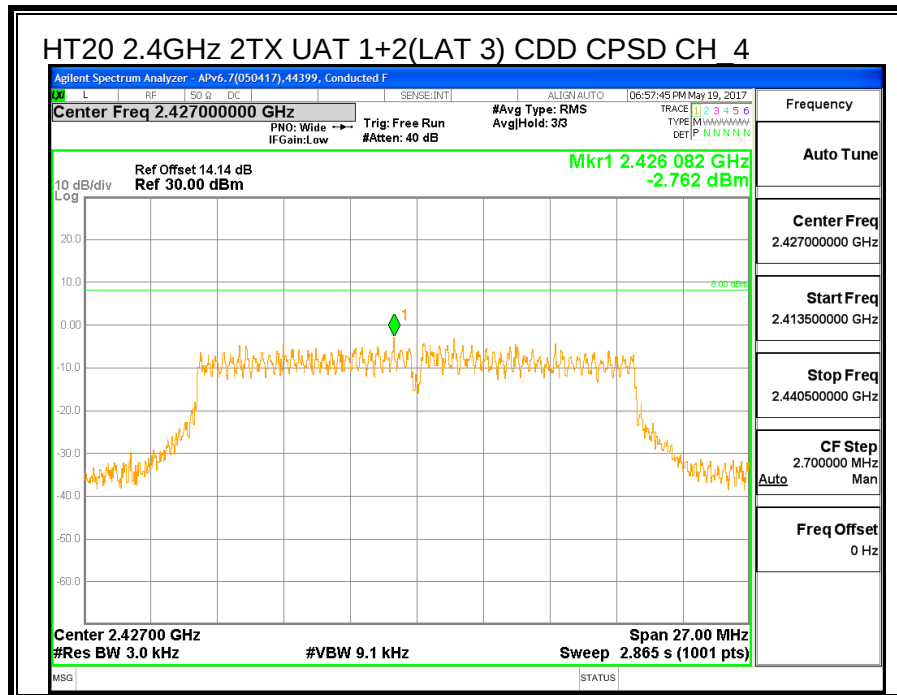
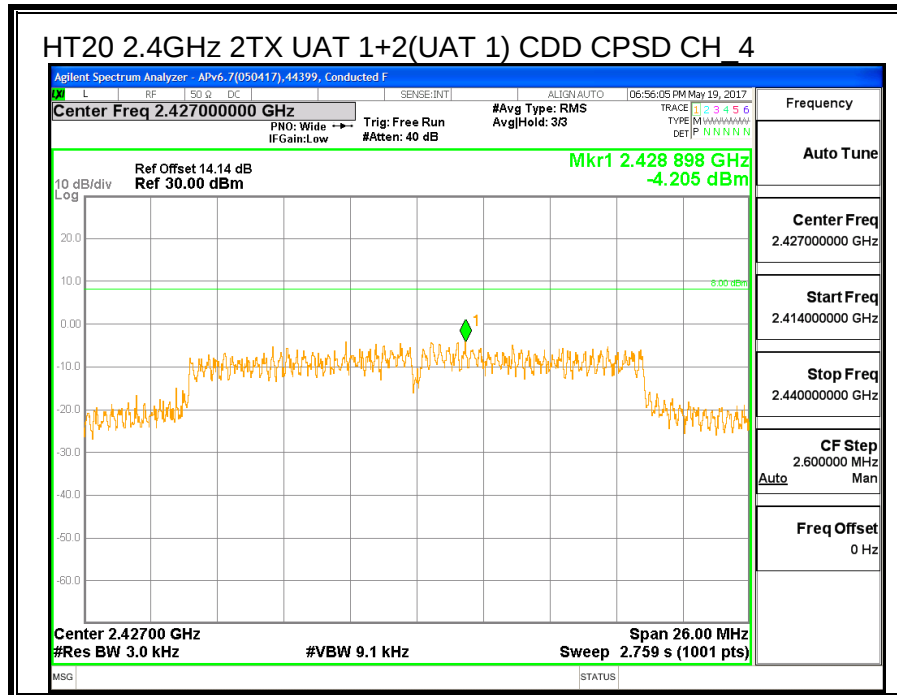
PSD Results

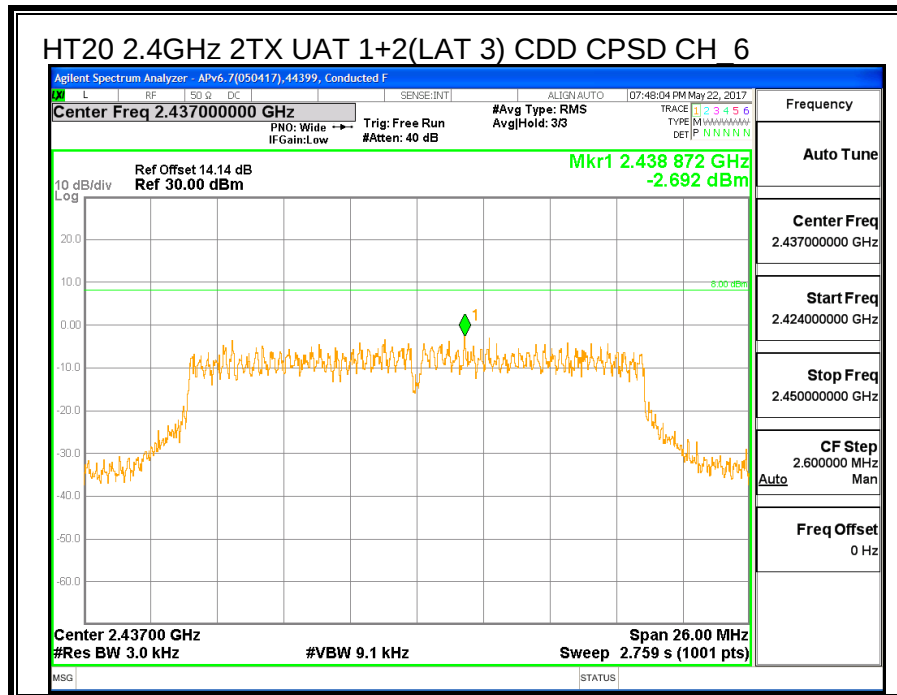
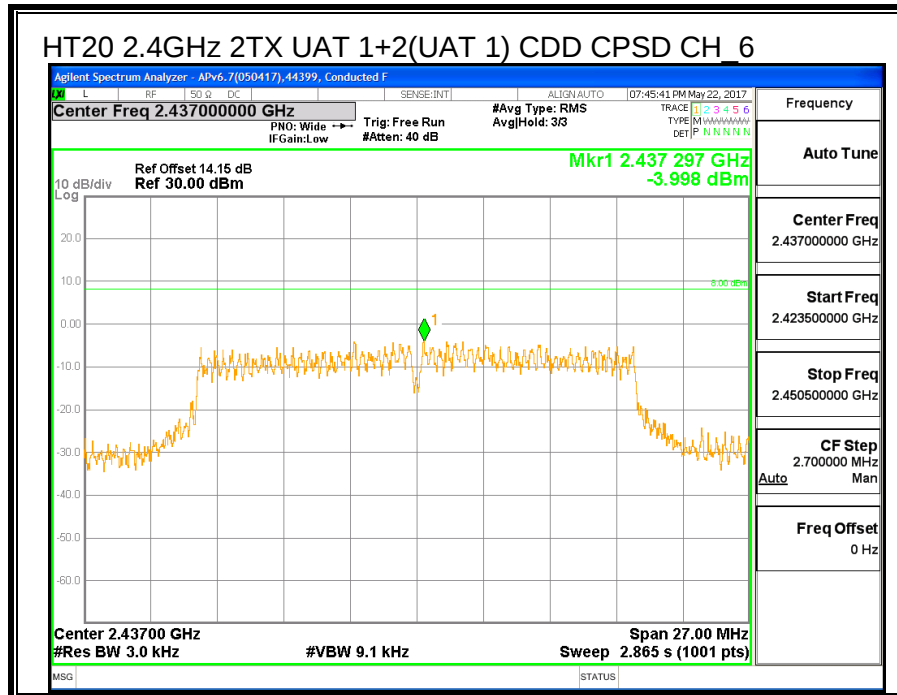
Channel	Frequency (MHz)	UAT 1 Meas (dBm)	LAT 3 Meas (dBm)	Total Corr'd (dBm)	Limit (dBm)	Margin (dB)
Low_1	2412	-5.28	-5.86	-2.55	8.0	-10.6
Low_2	2417	-5.72	-5.84	-2.77	8.0	-10.8
Low_3	2422	-6.23	-4.57	-2.31	8.0	-10.3
Low_4	2427	-4.21	-2.76	-0.41	8.0	-8.4
Mid	2437	-4.00	-2.69	-0.29	8.0	-8.3
High_9	2452	-2.40	-2.65	0.49	8.0	-7.5
High_10	2457	-5.18	-4.18	-1.64	8.0	-9.6
High_11	2462	-8.32	-7.22	-4.72	8.0	-12.7
High_12	2467	-9.39	-9.23	-6.30	8.0	-14.3
High_13	2472	-18.11	-17.45	-14.76	8.0	-22.8

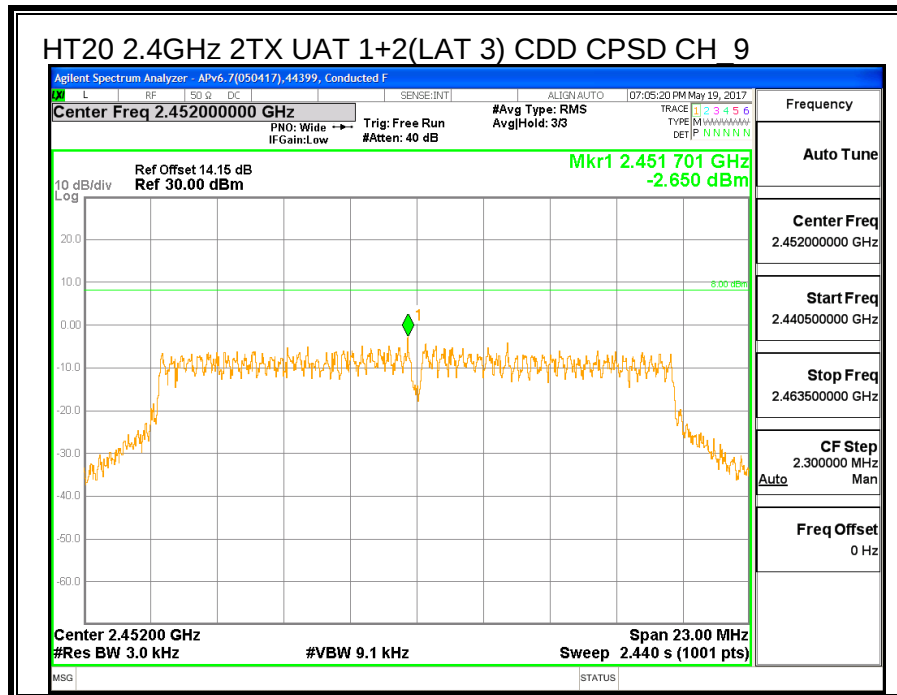
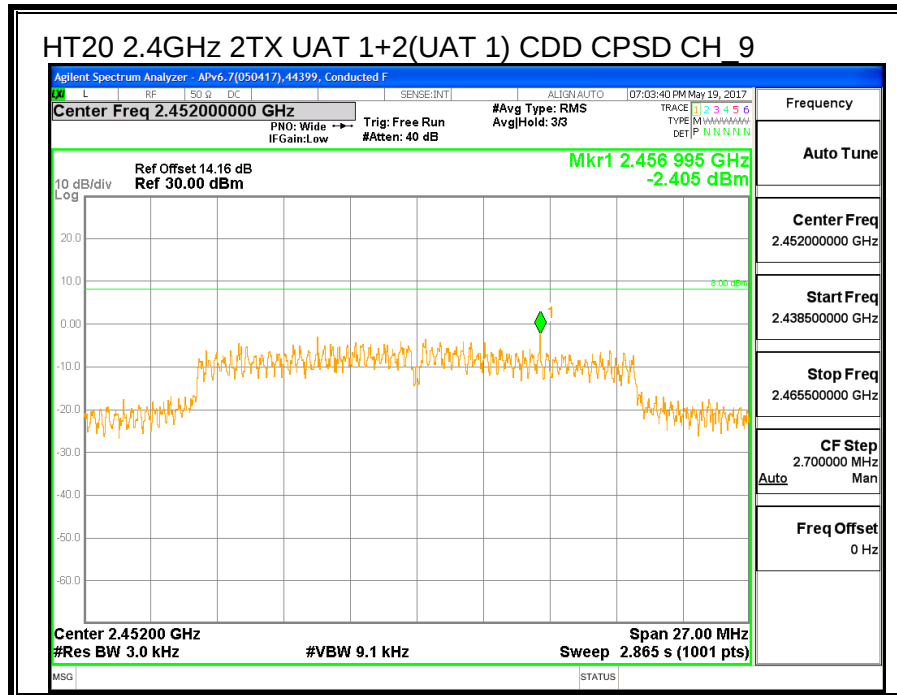


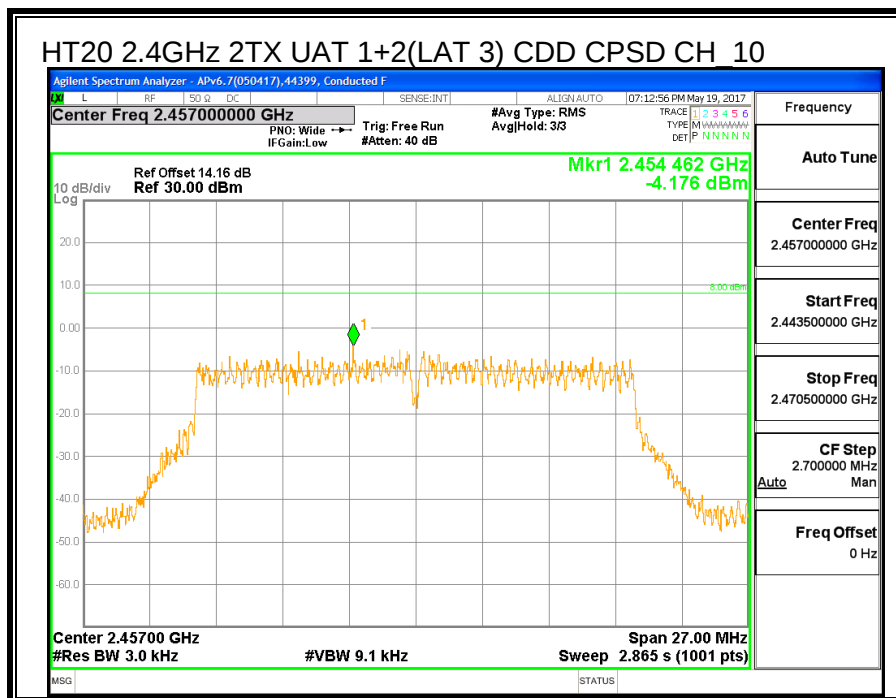
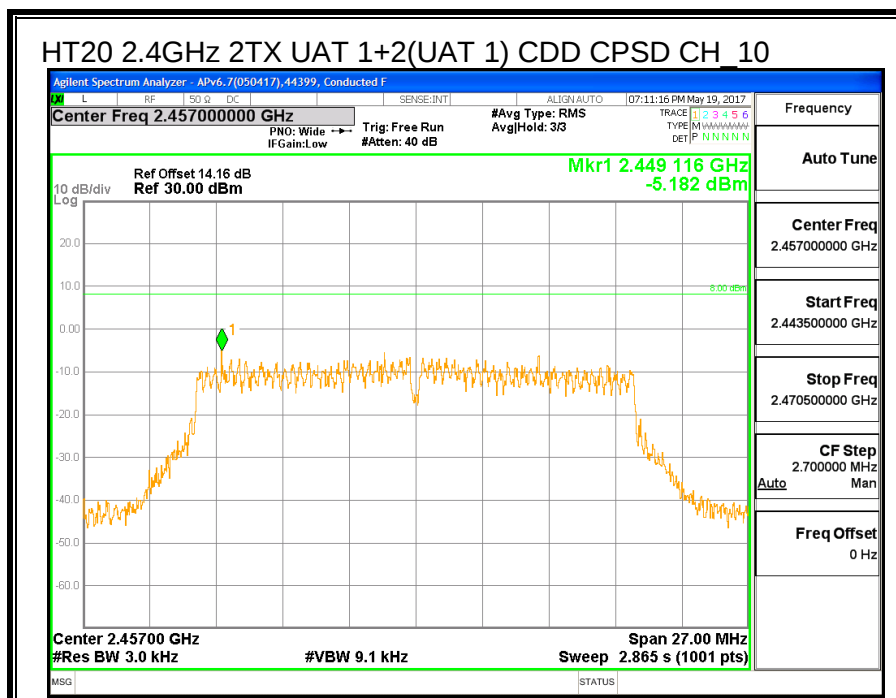


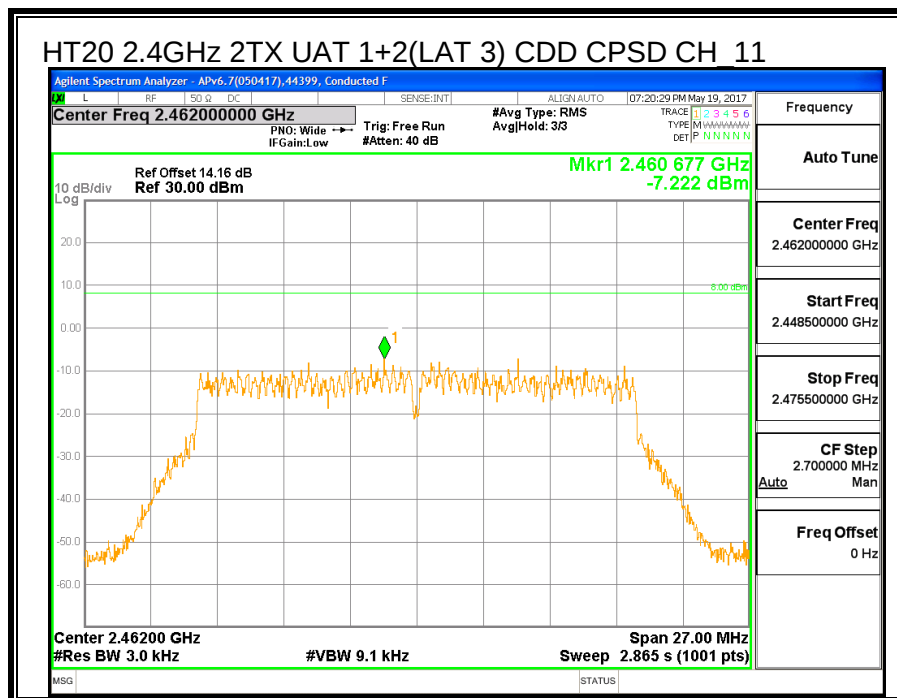
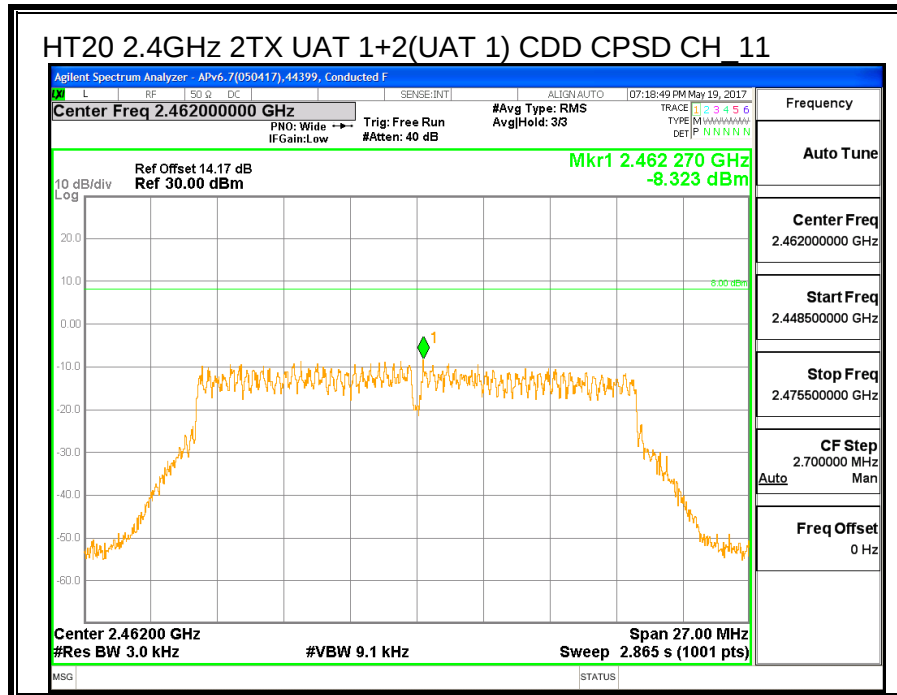


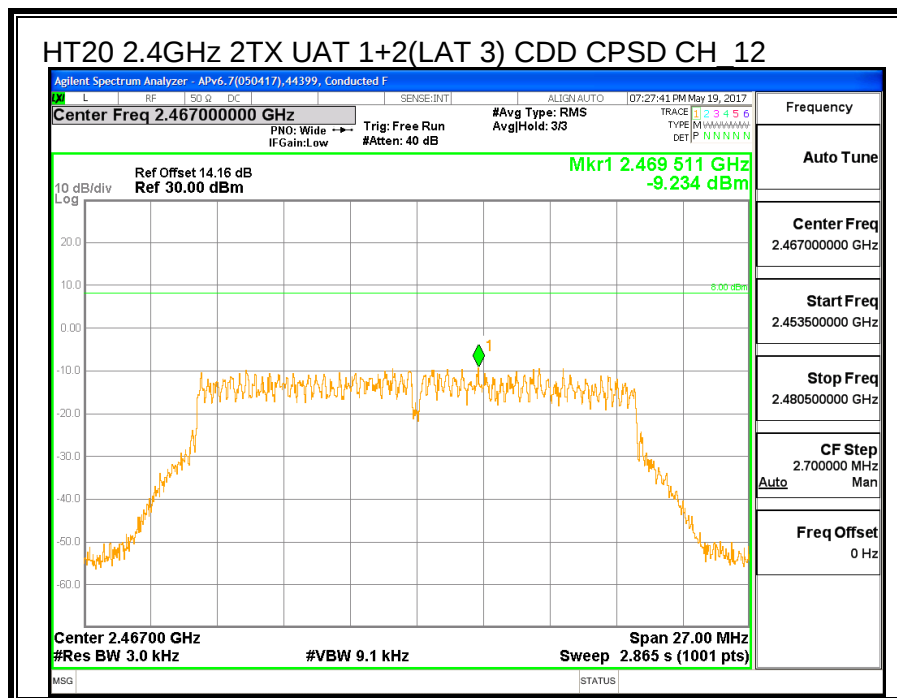
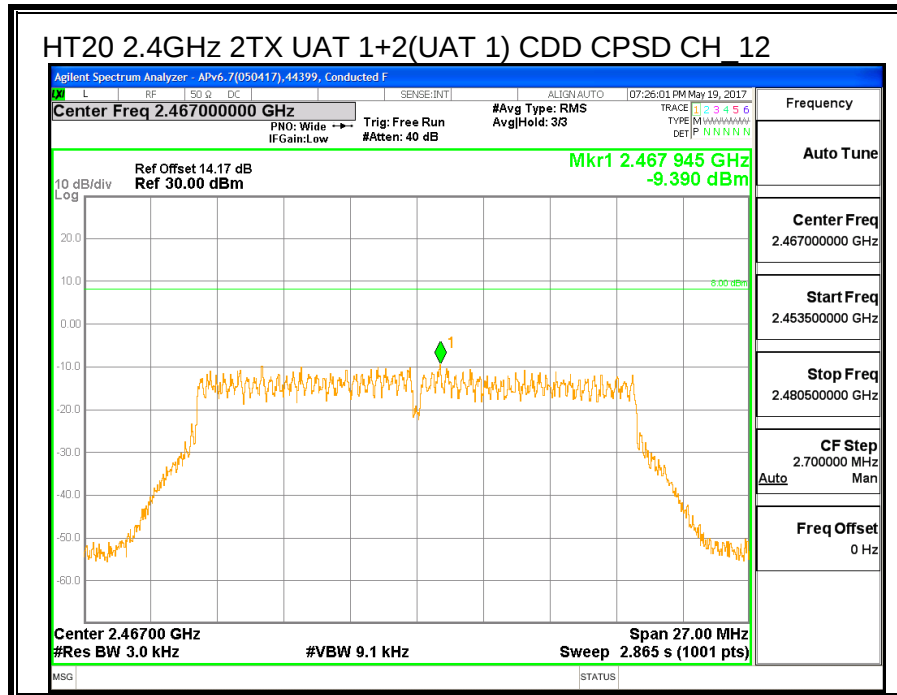


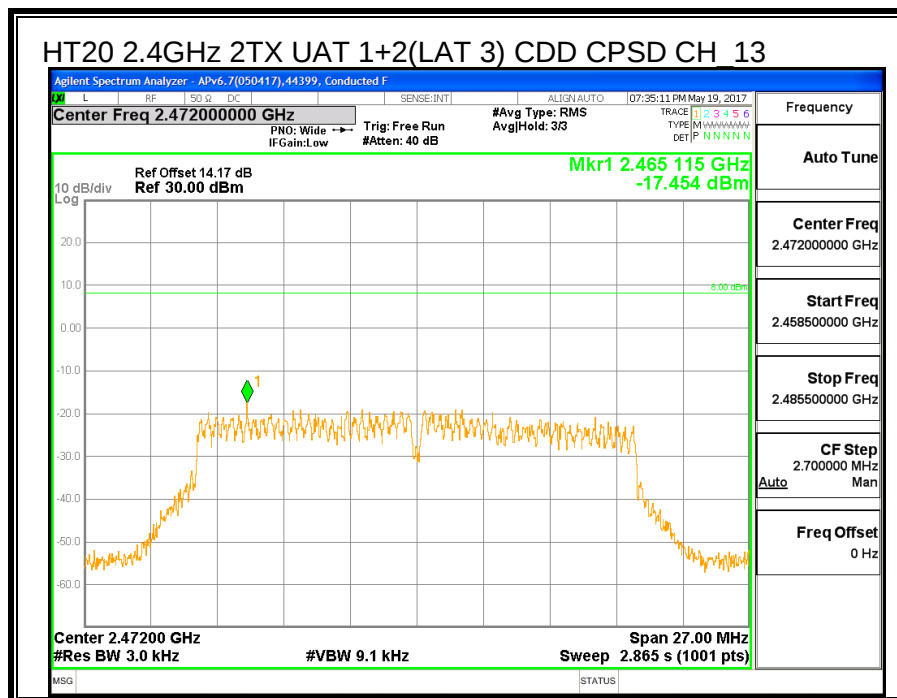
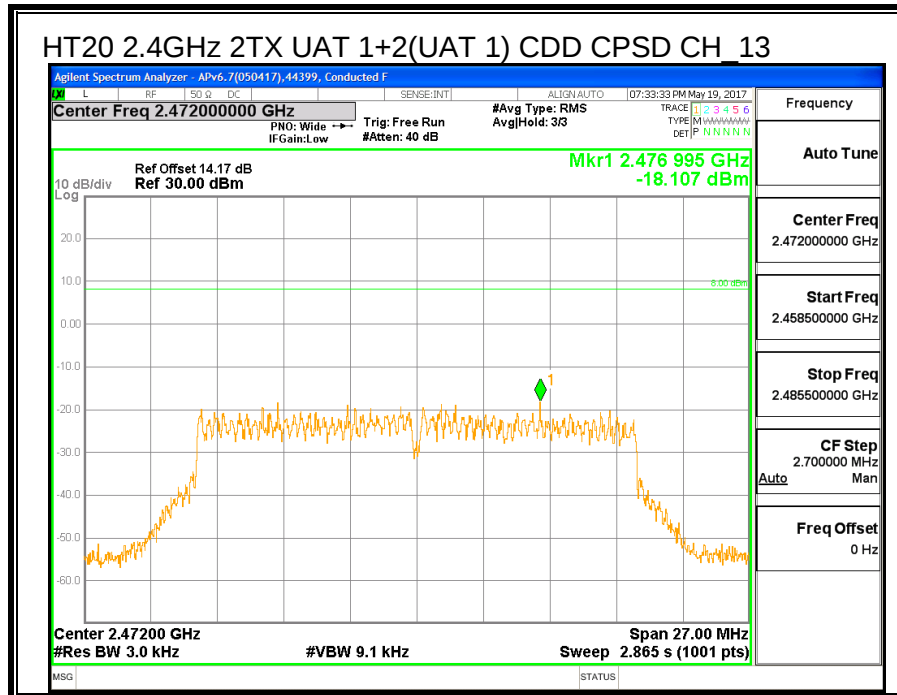












8.5.6. CONDUCTED BANDEDGE AND SPURIOUS EMISSIONS

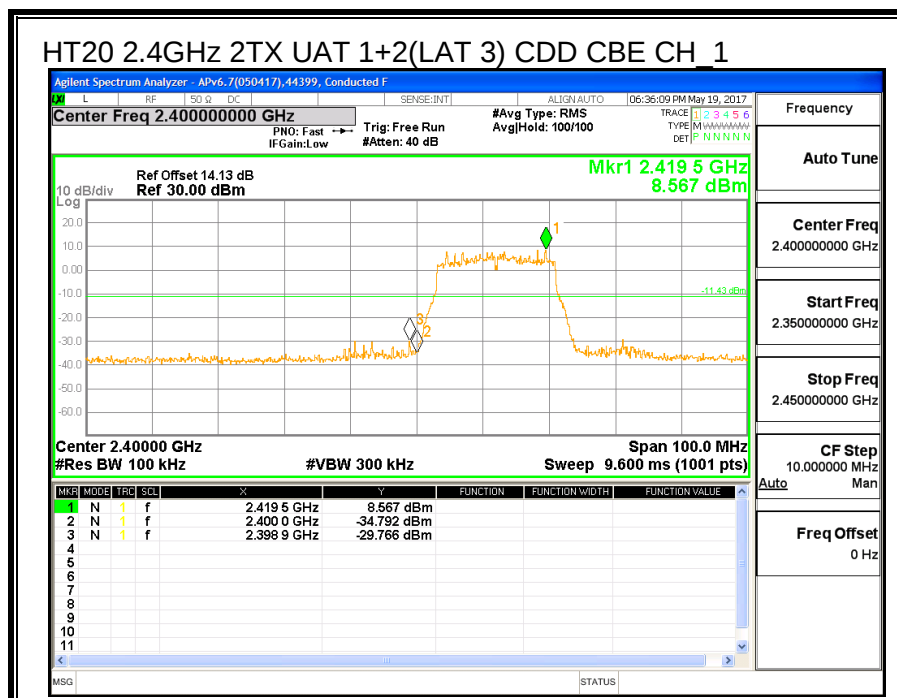
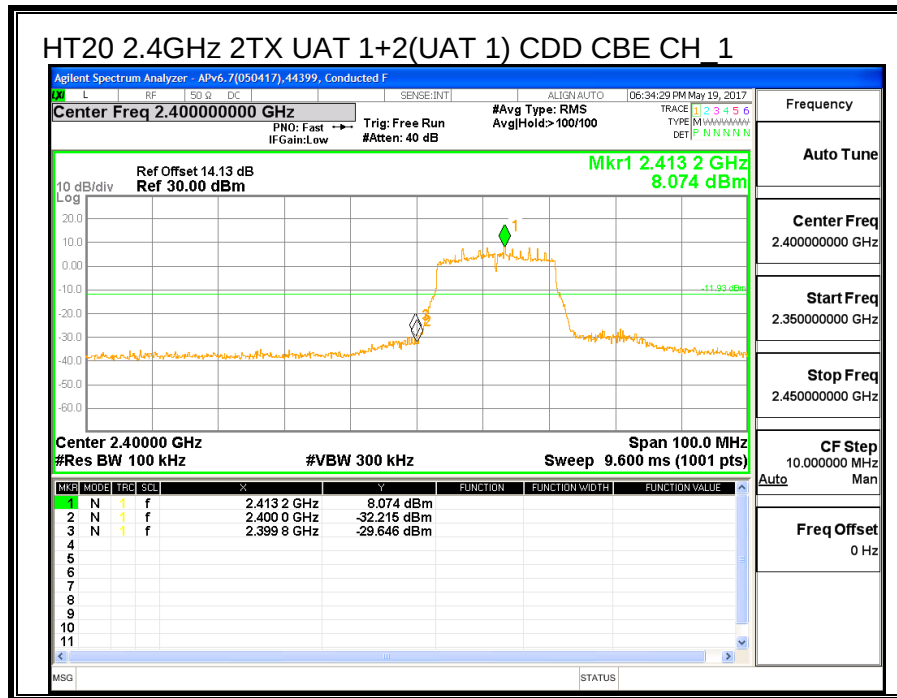
LIMITS

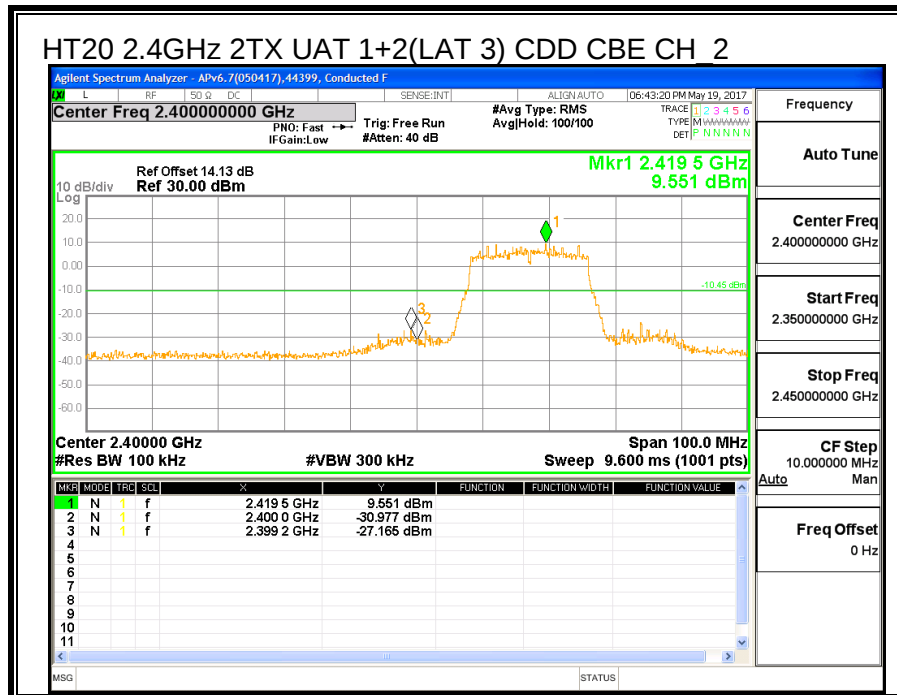
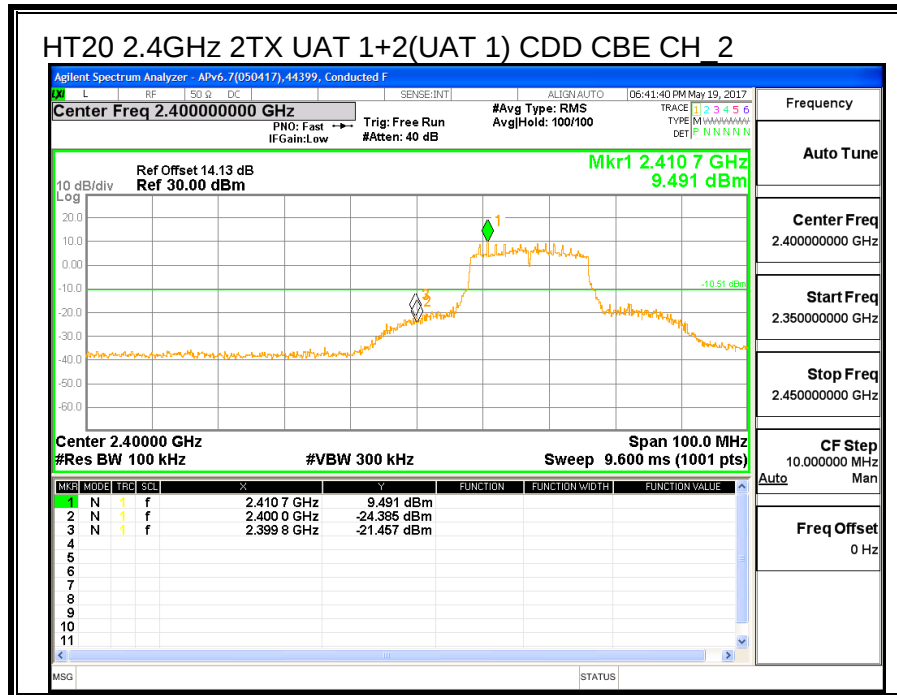
FCC §15.247 (d)

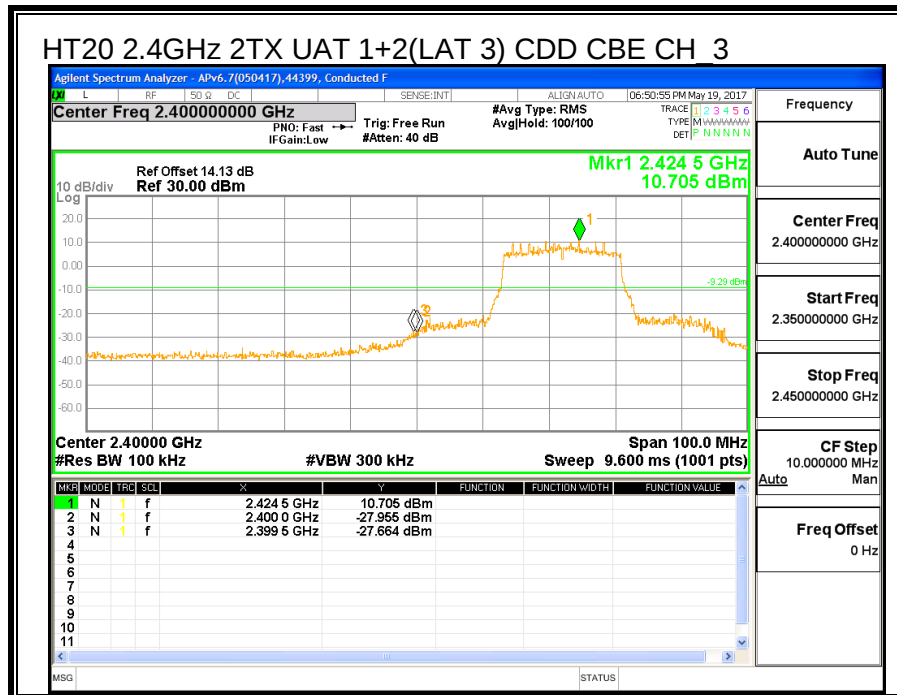
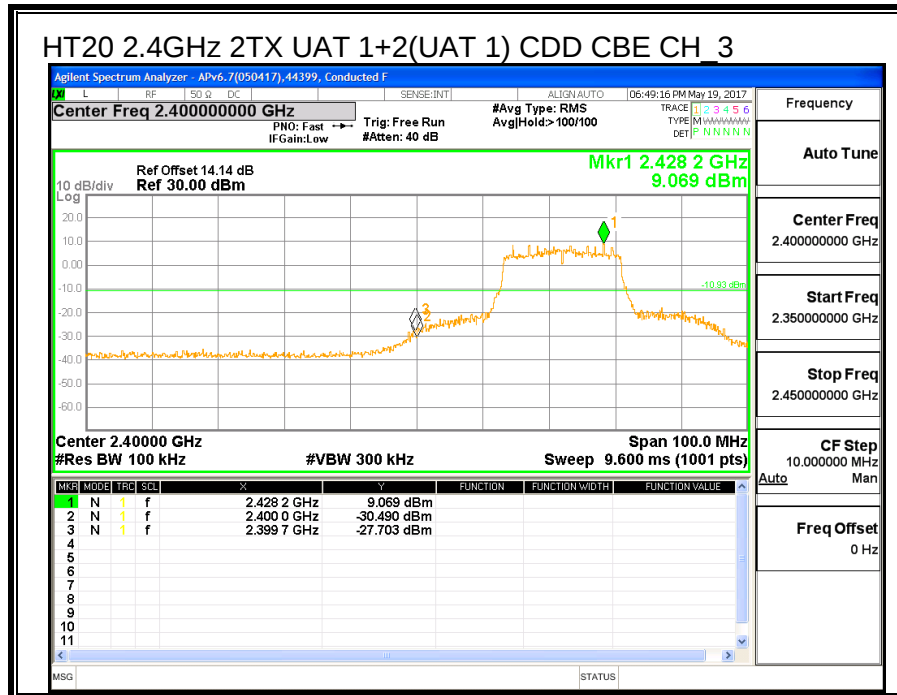
IC RSS-247 (5.5)

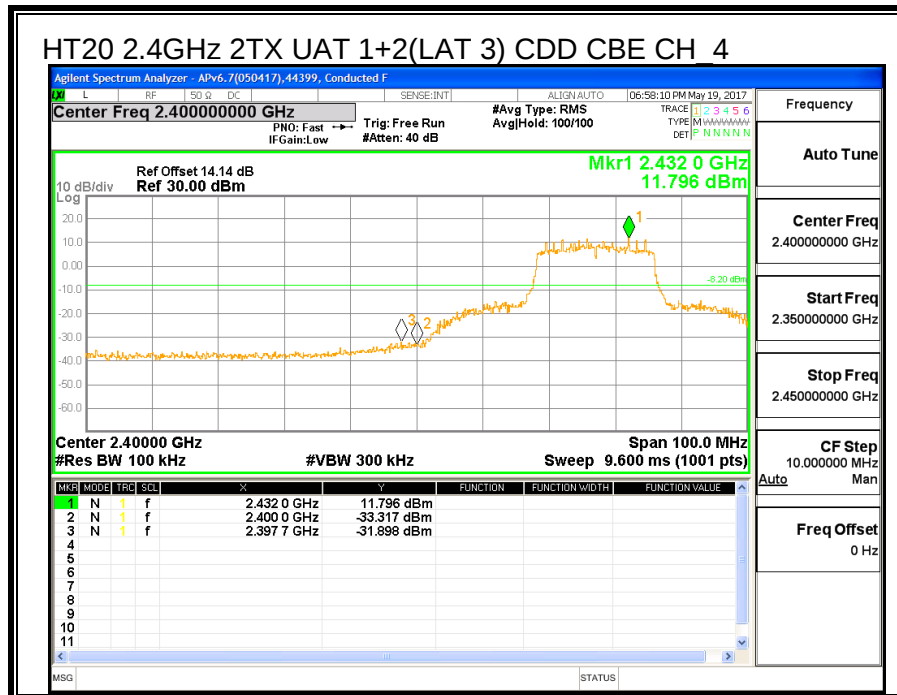
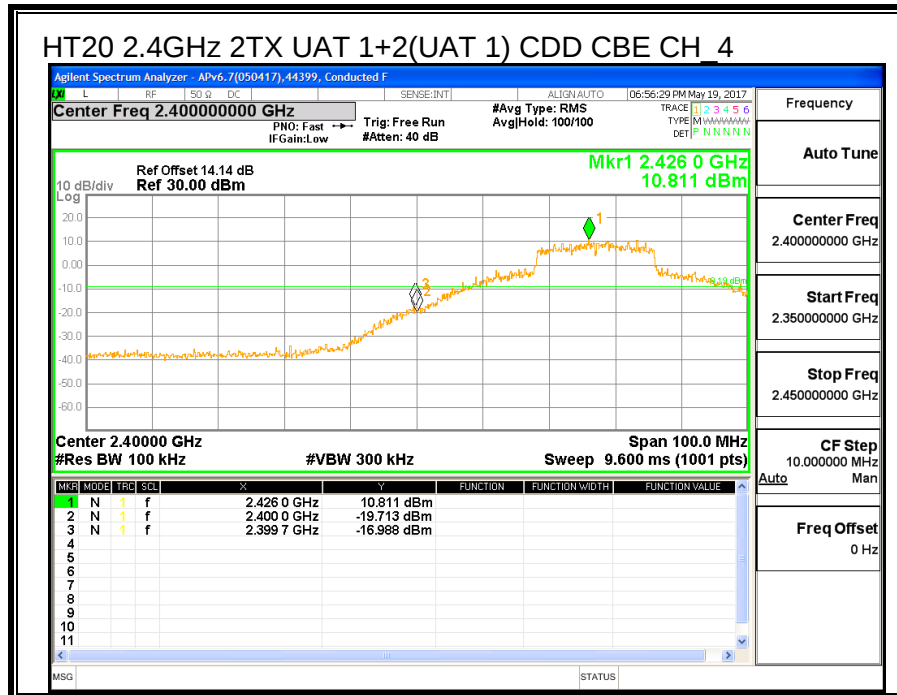
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required.

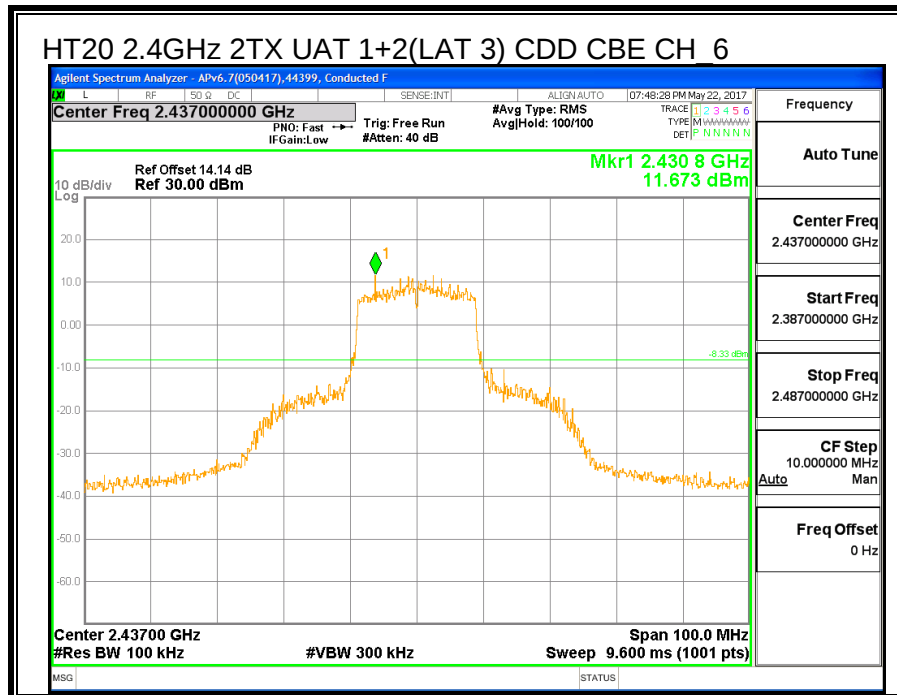
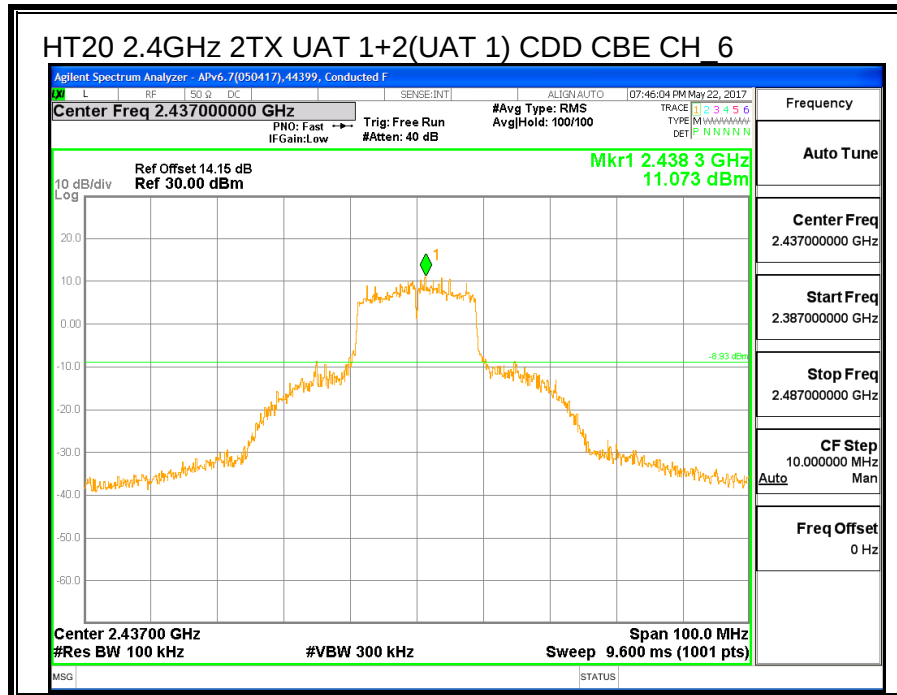
CONDUCTED BANDEDGE AND SPURIOUS EMISSIONS

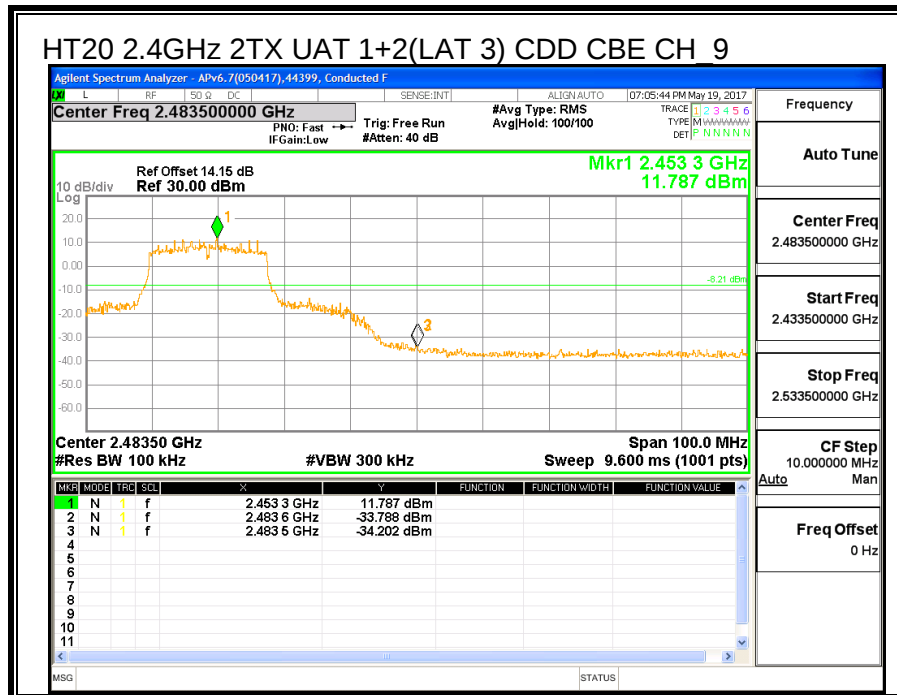
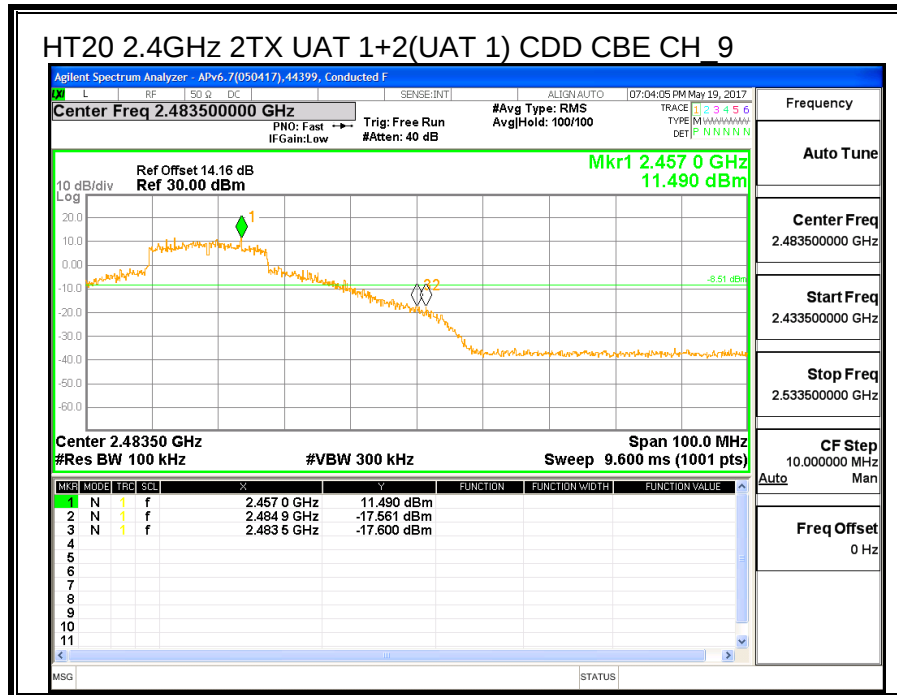


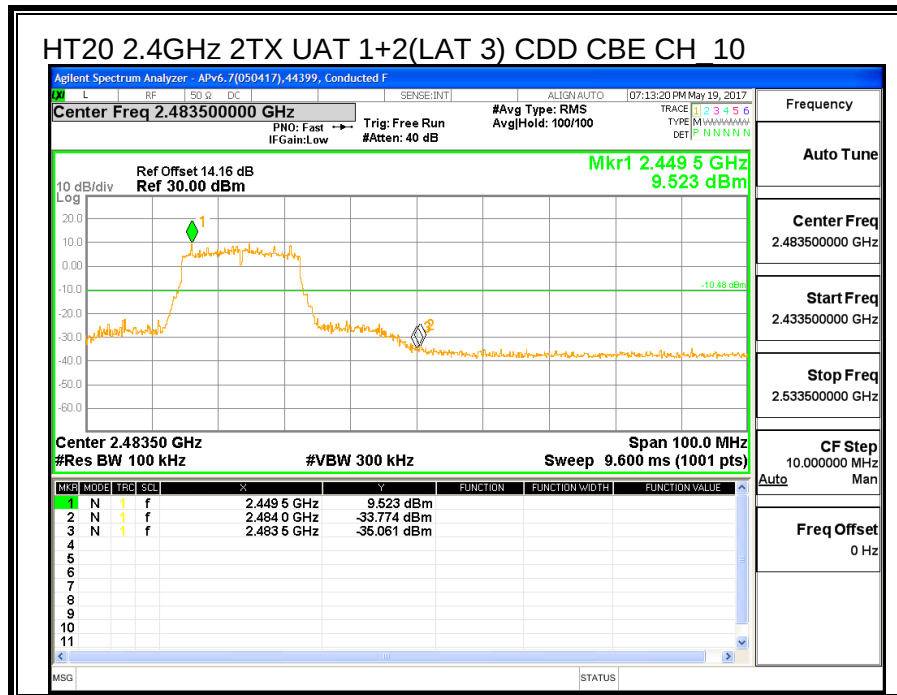
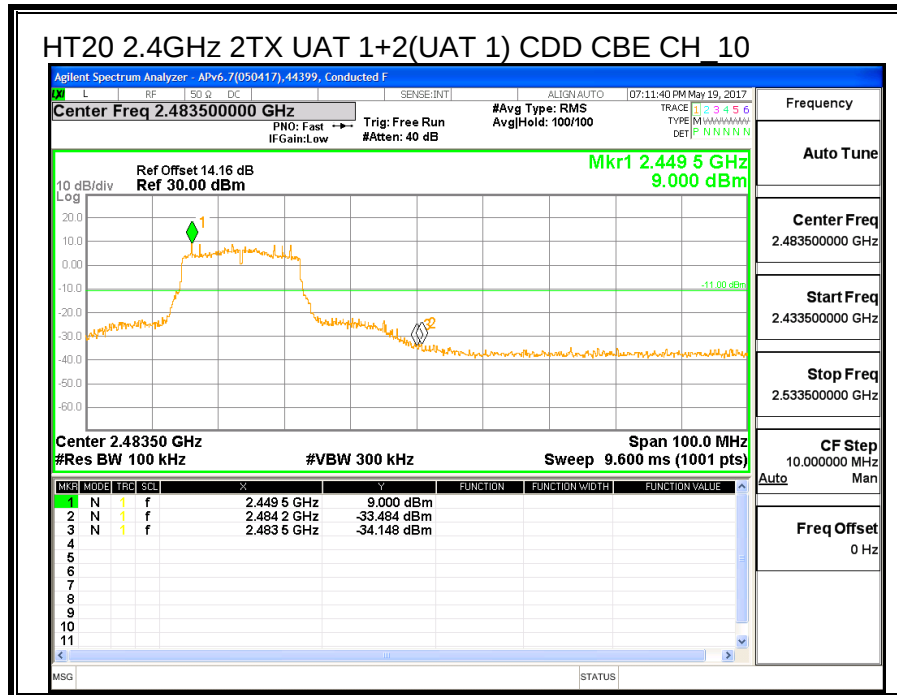


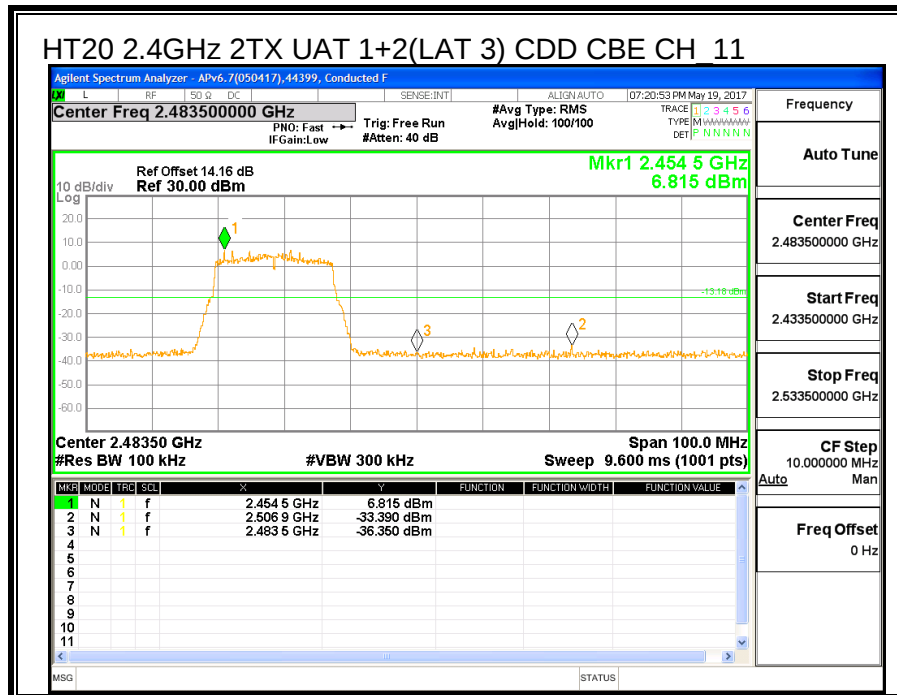
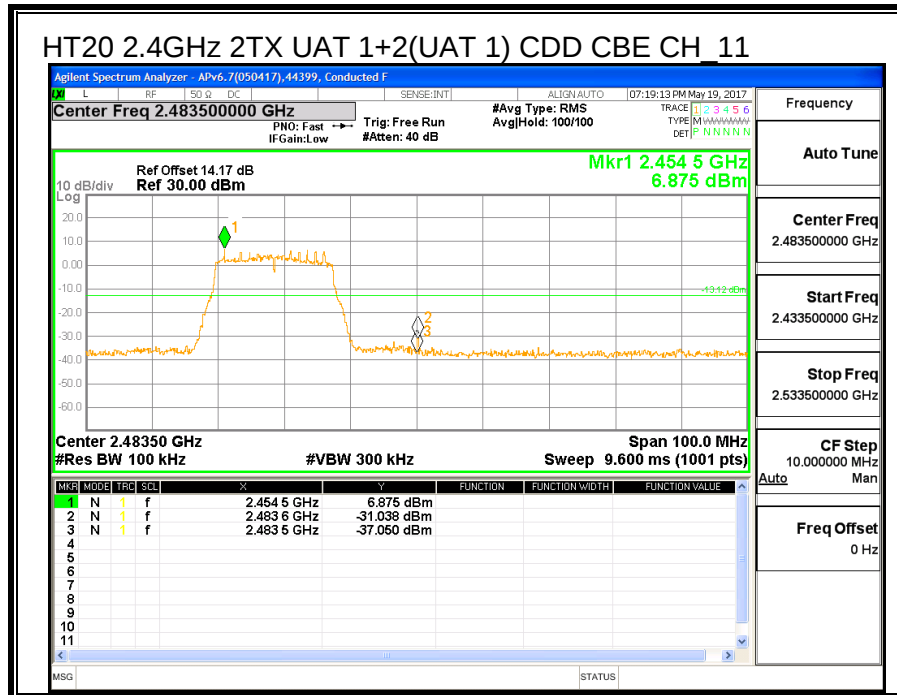


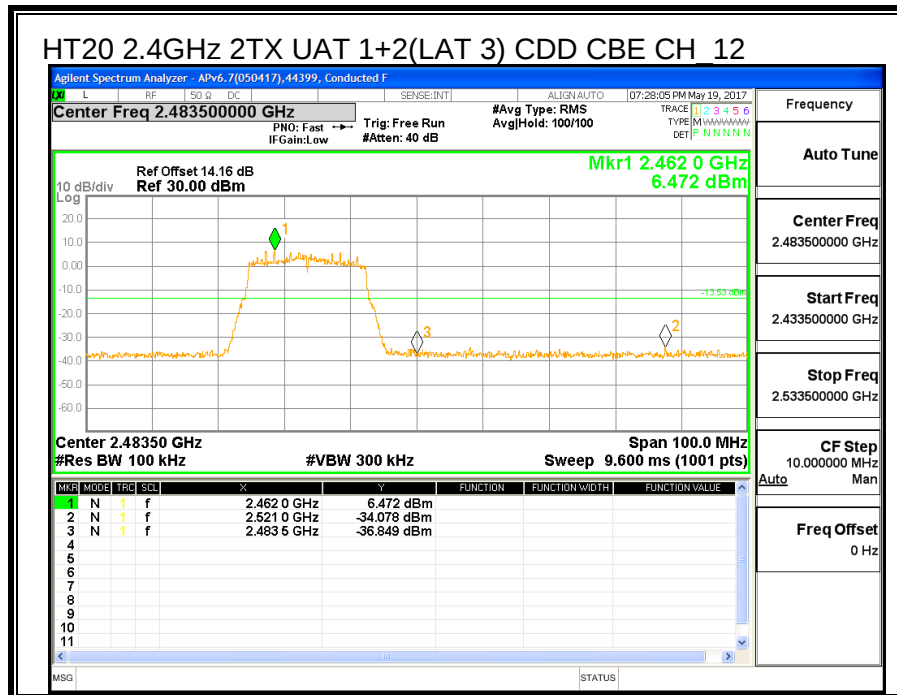
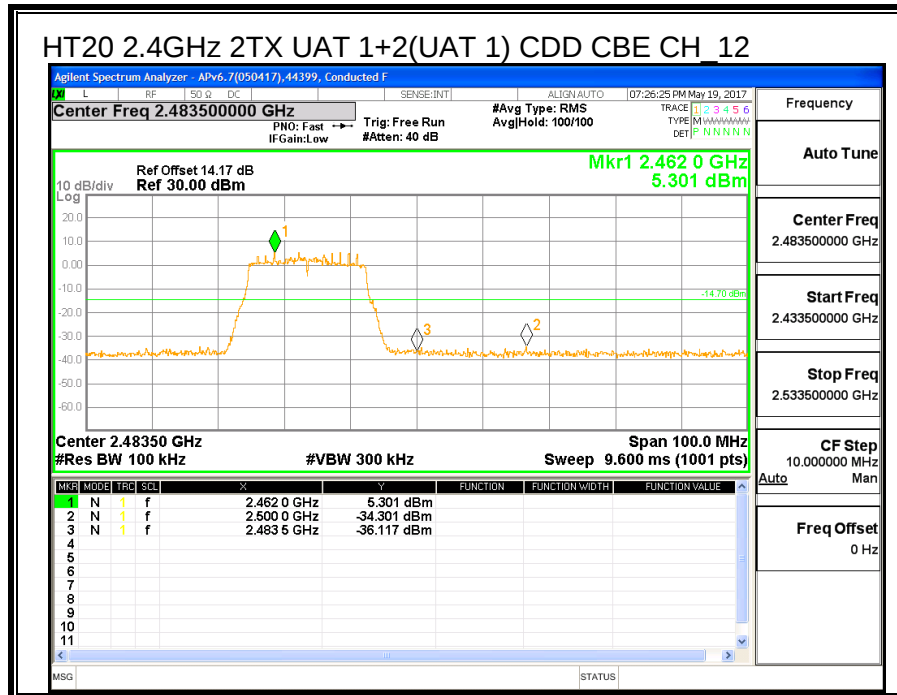


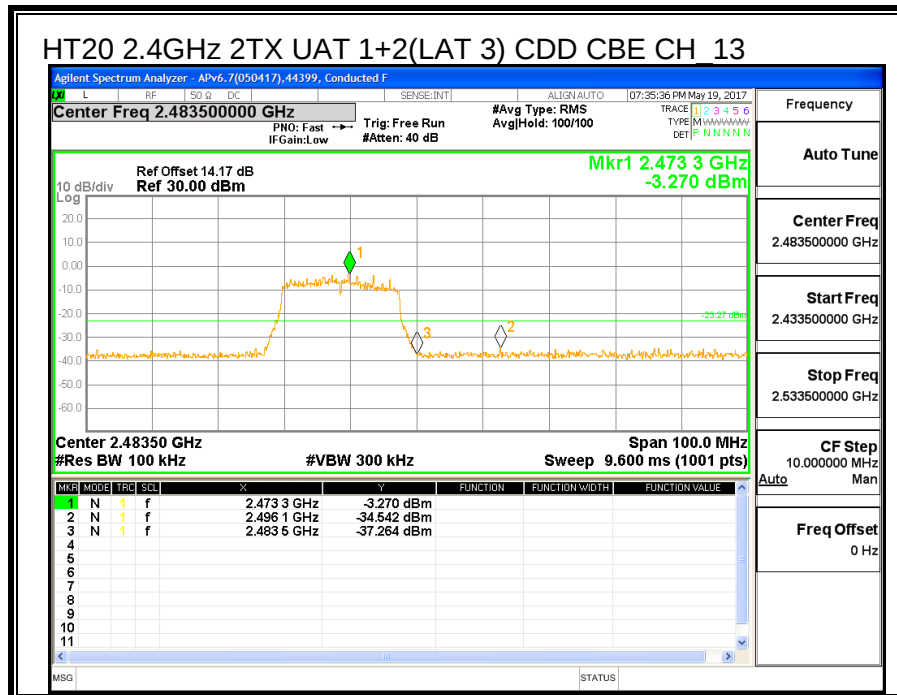
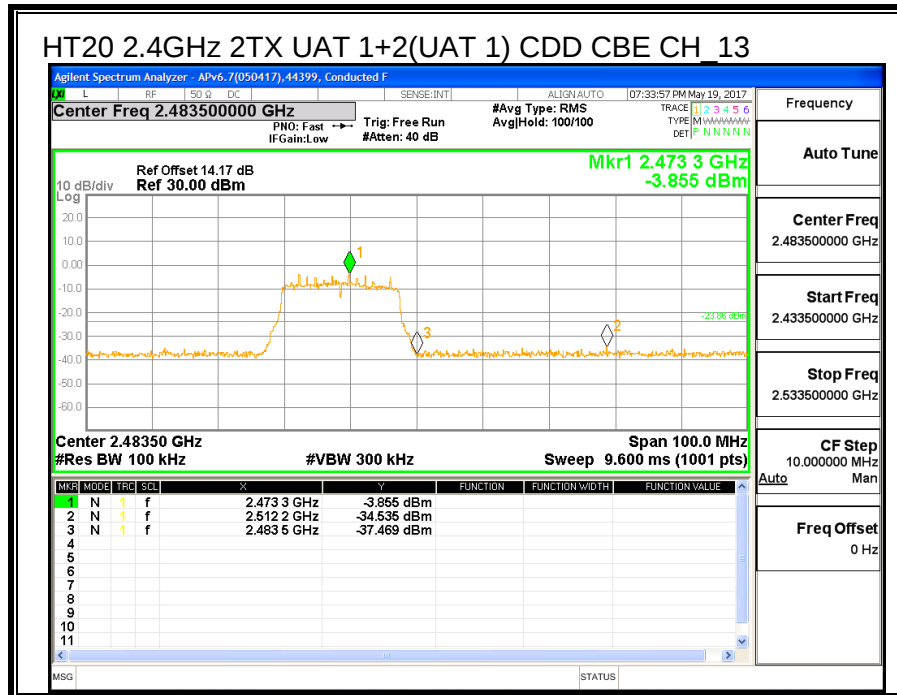


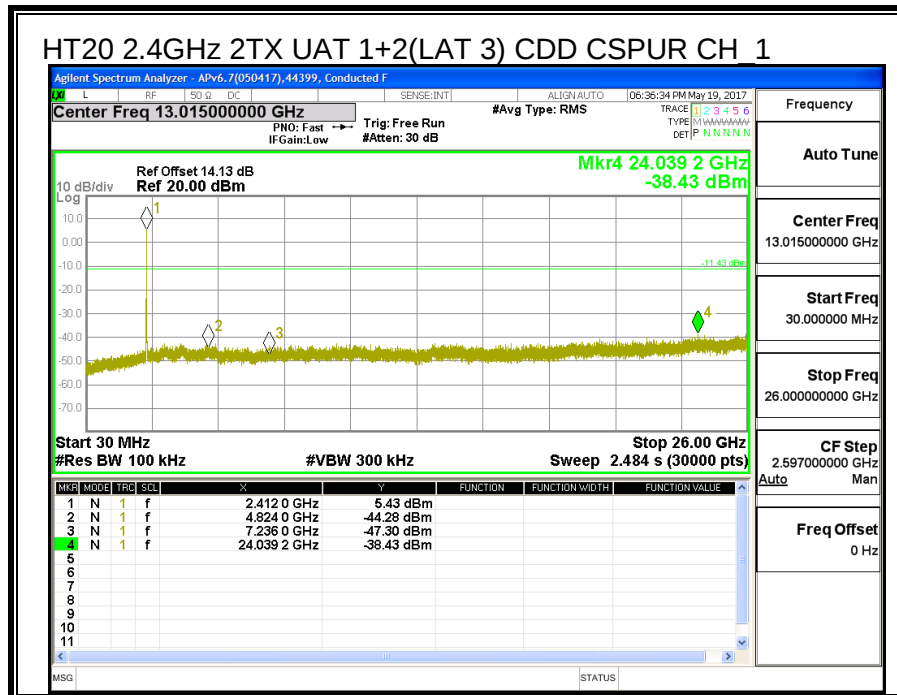
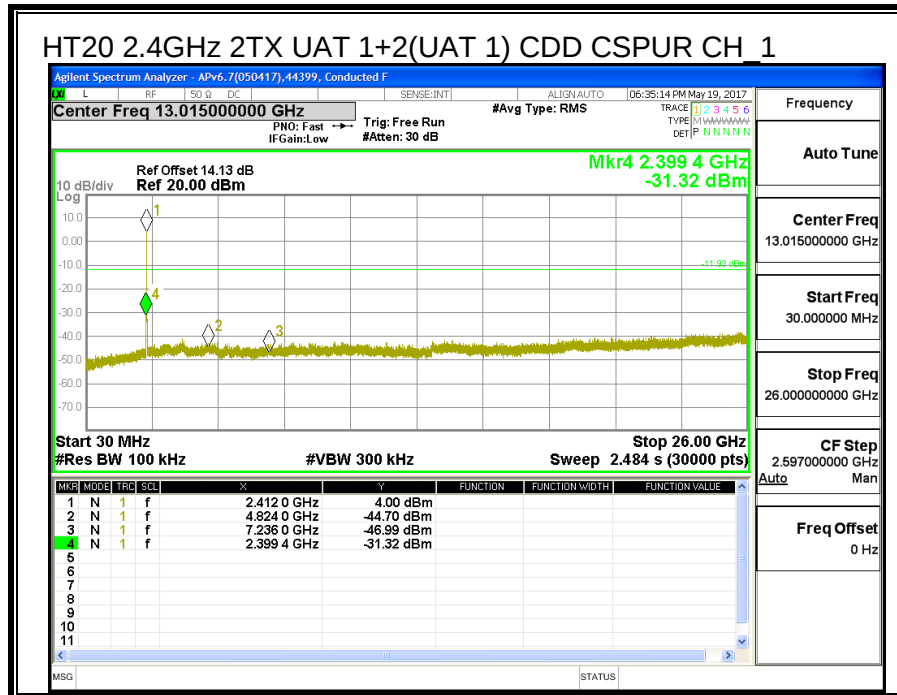


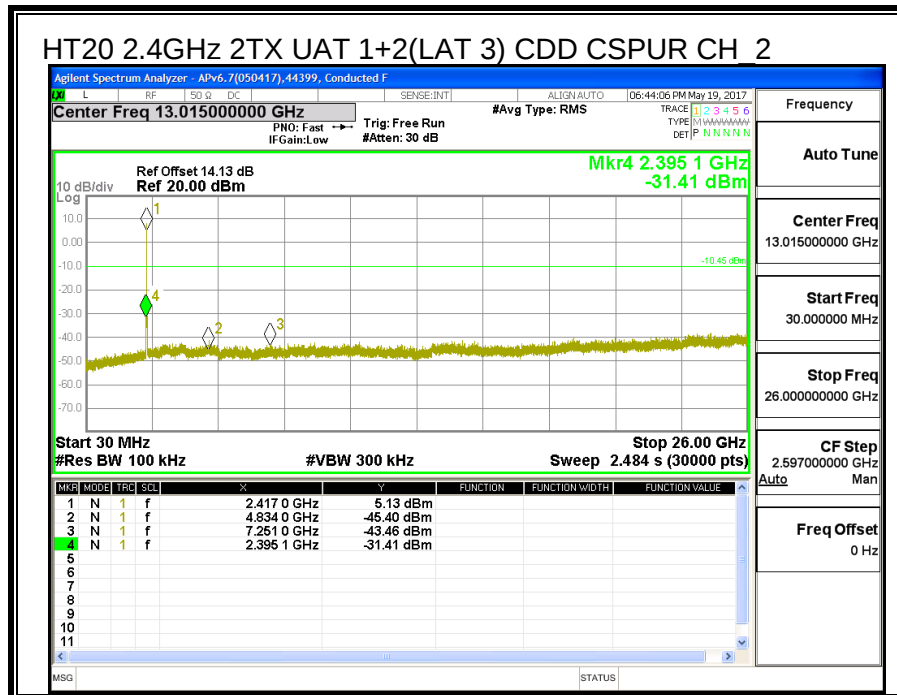
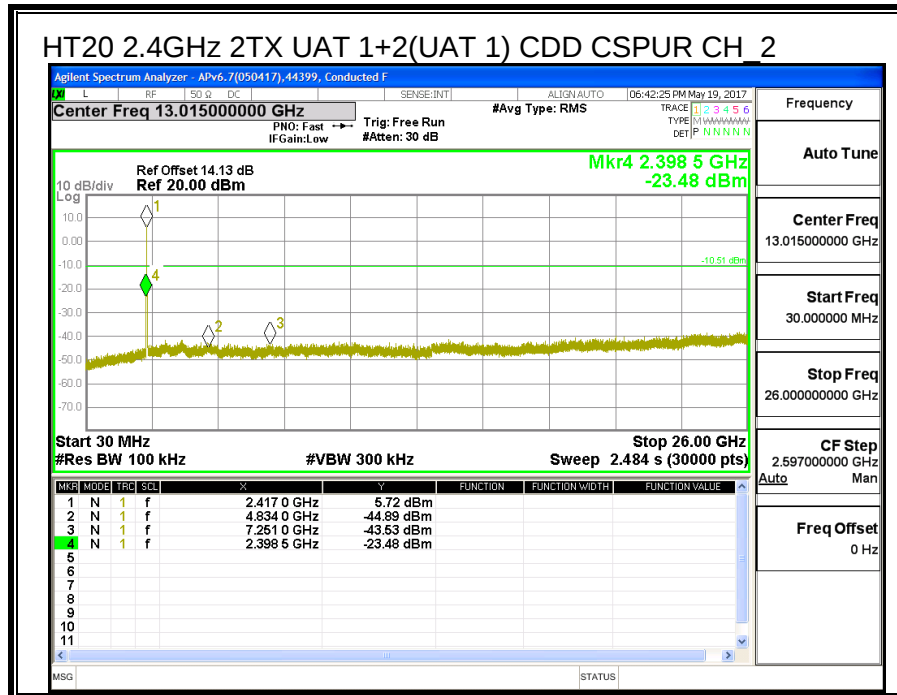


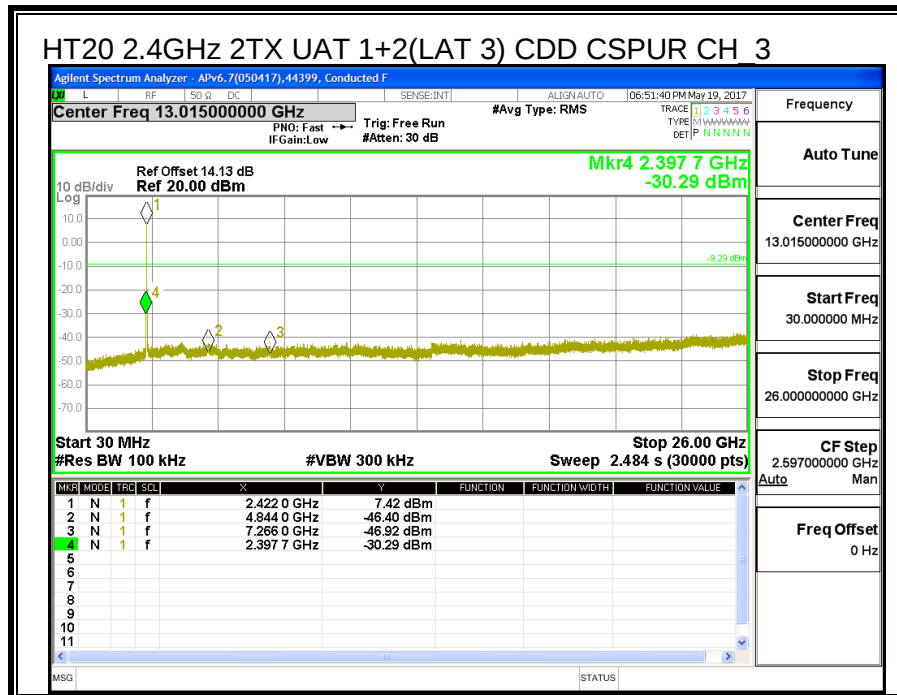
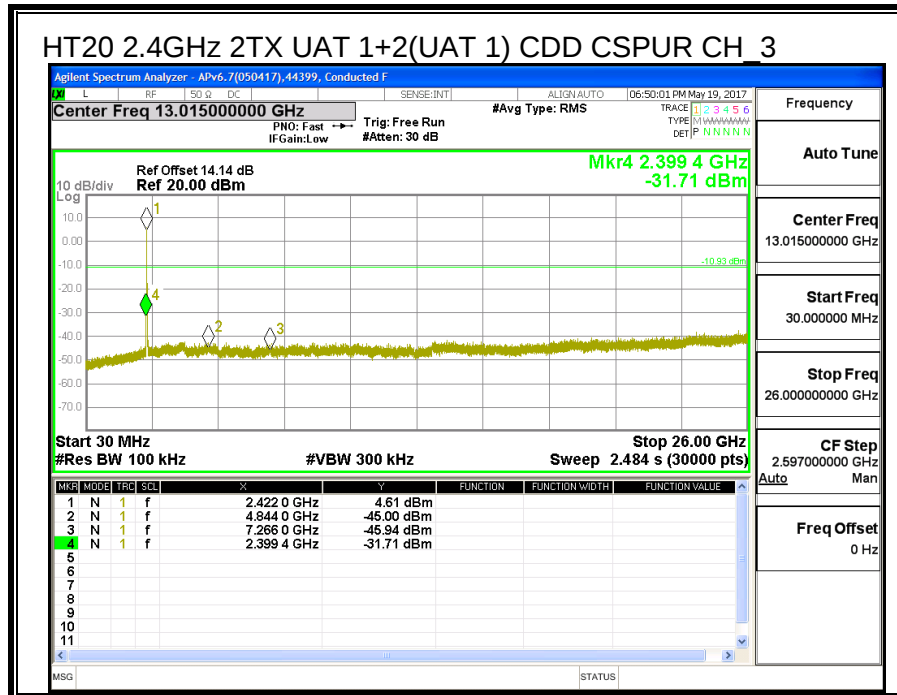


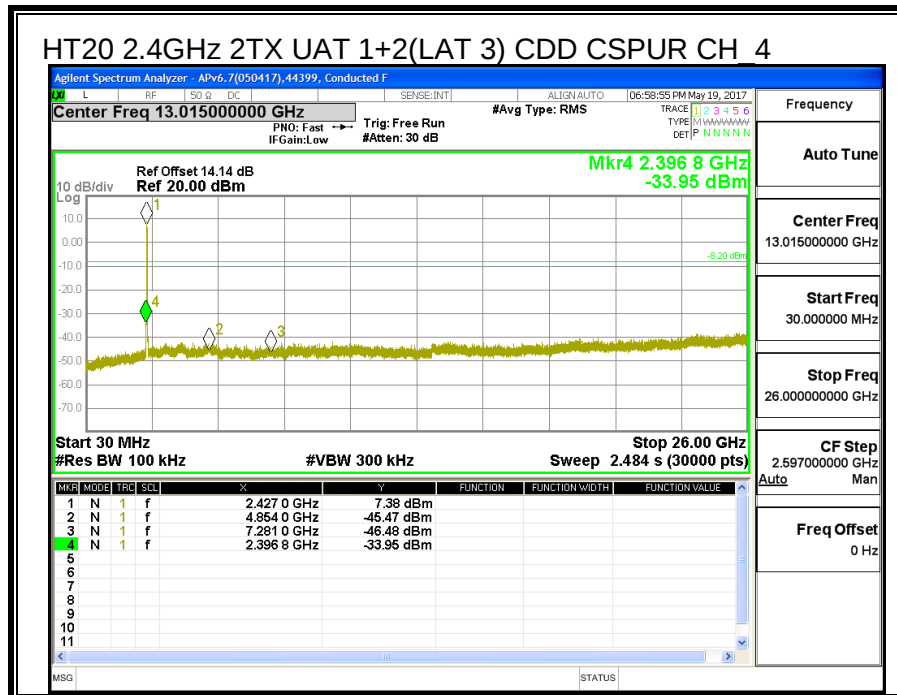
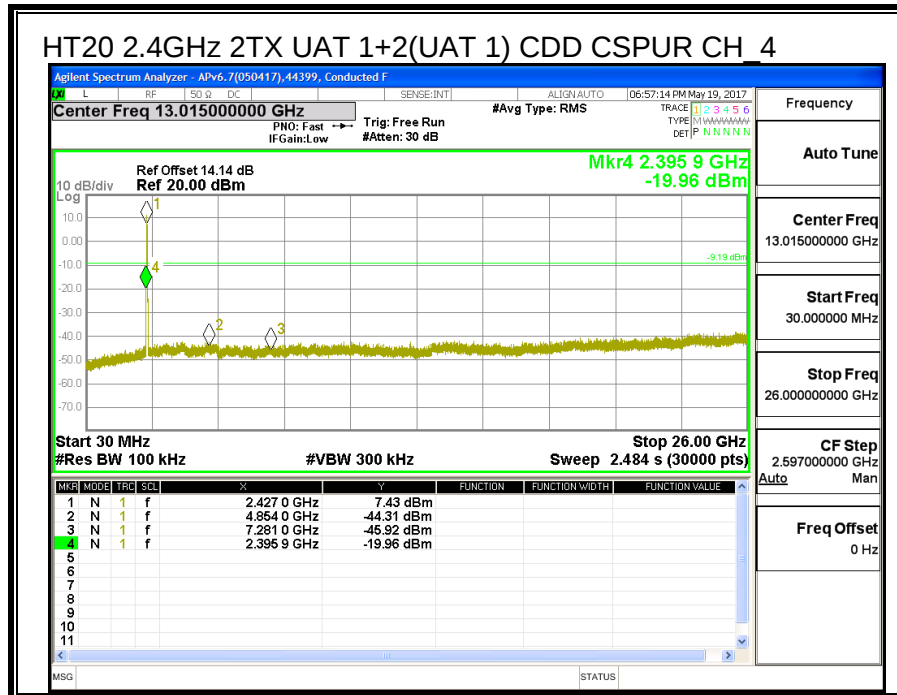


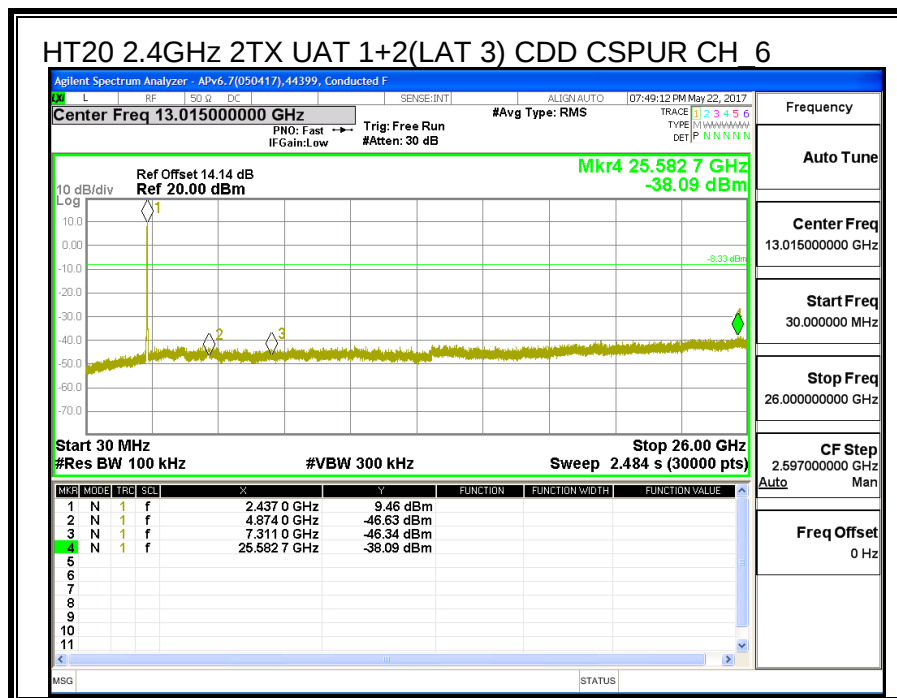
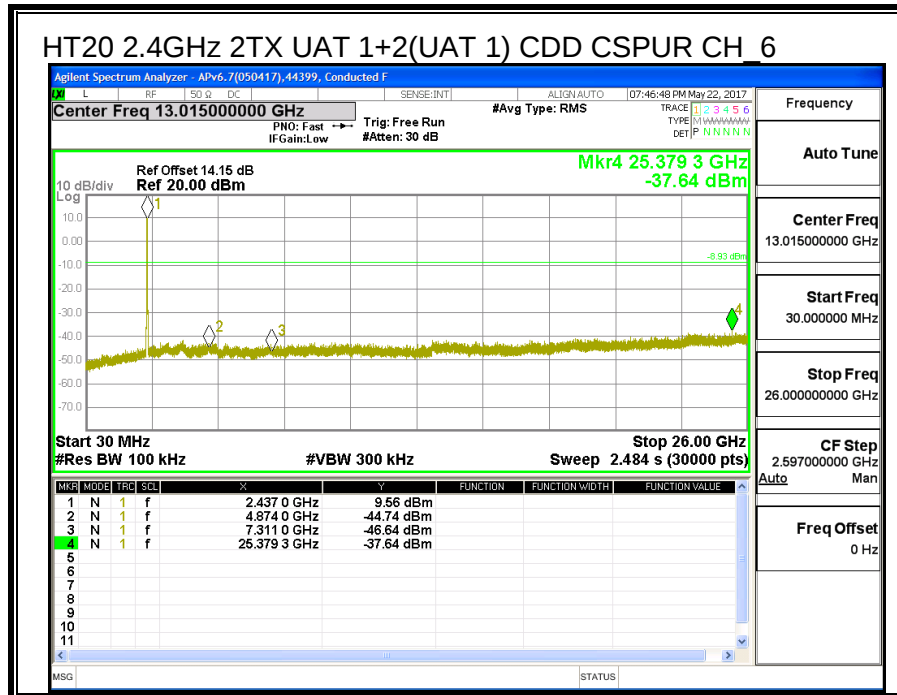


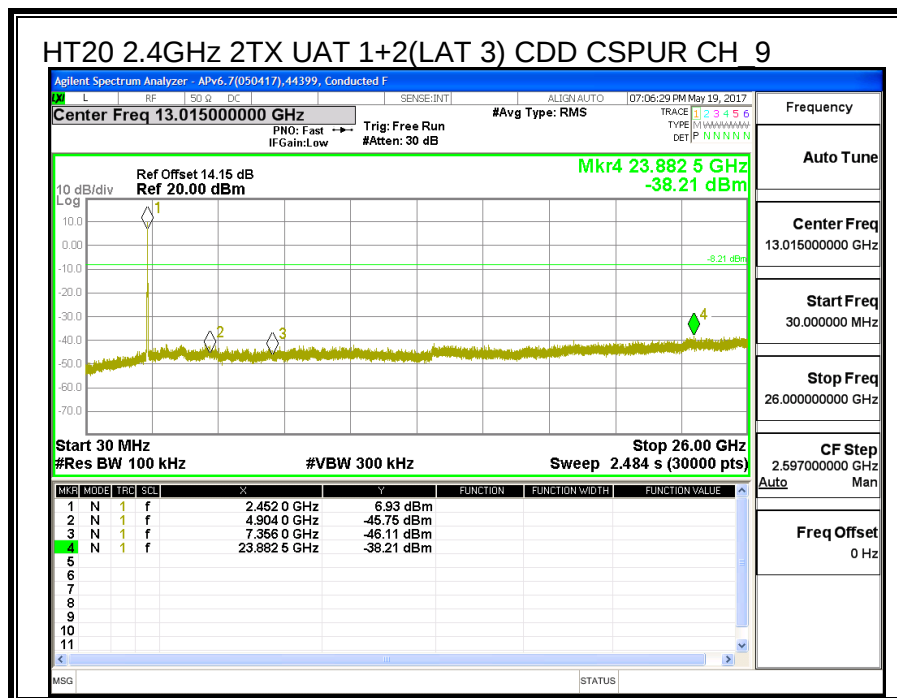
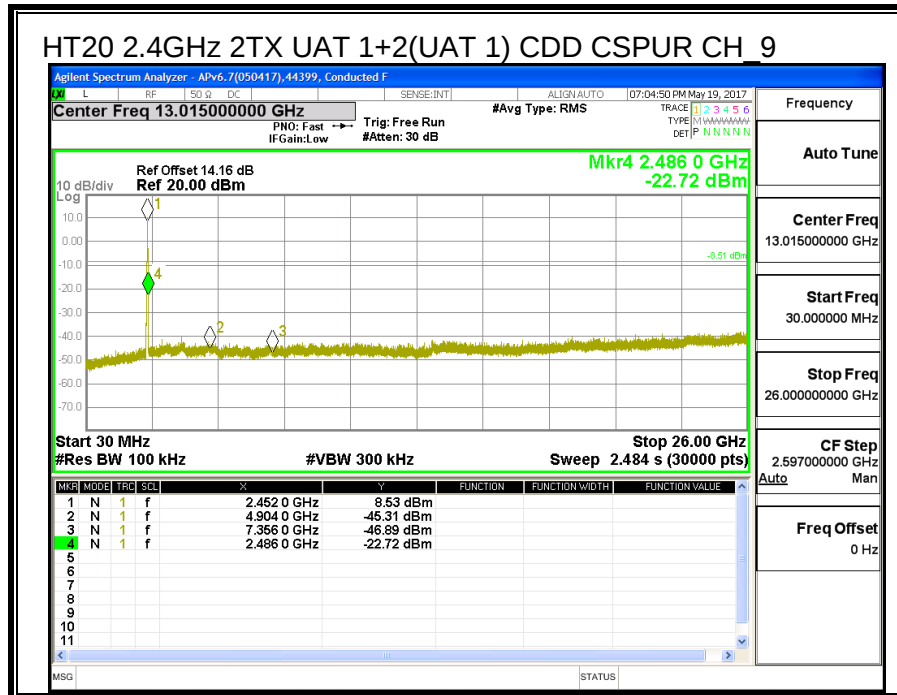


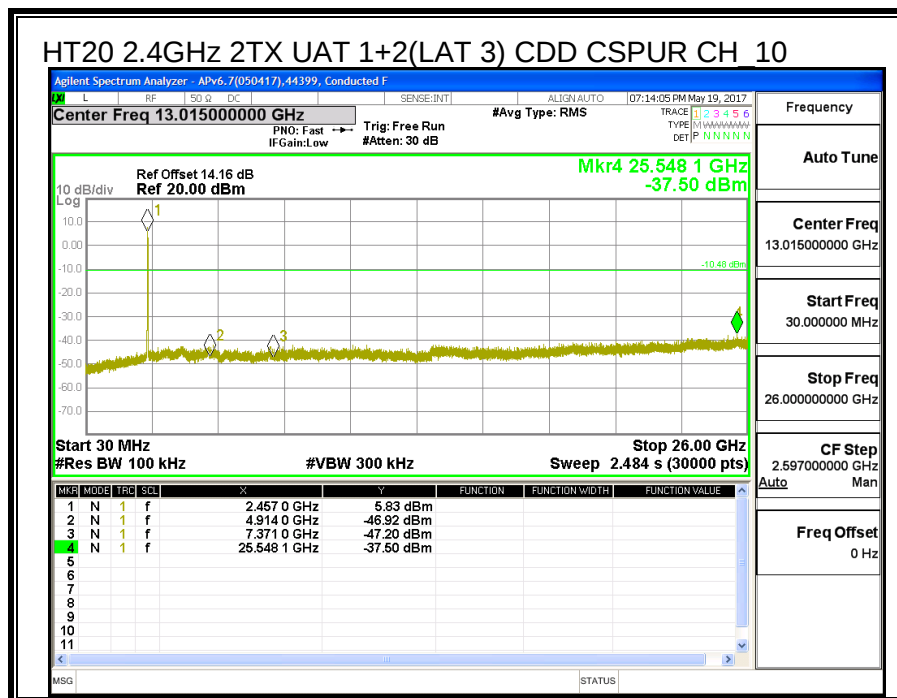
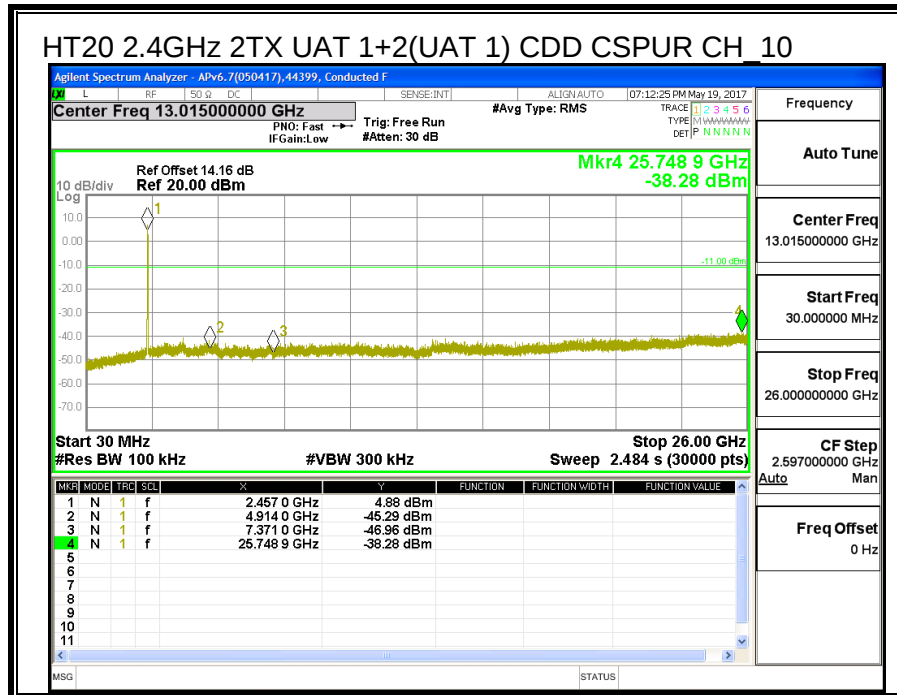


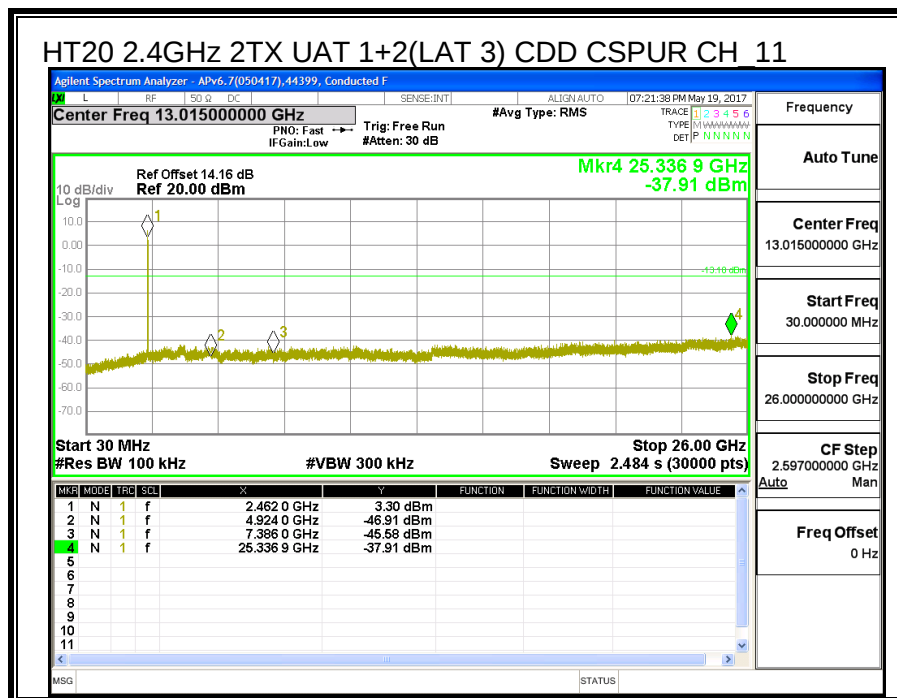
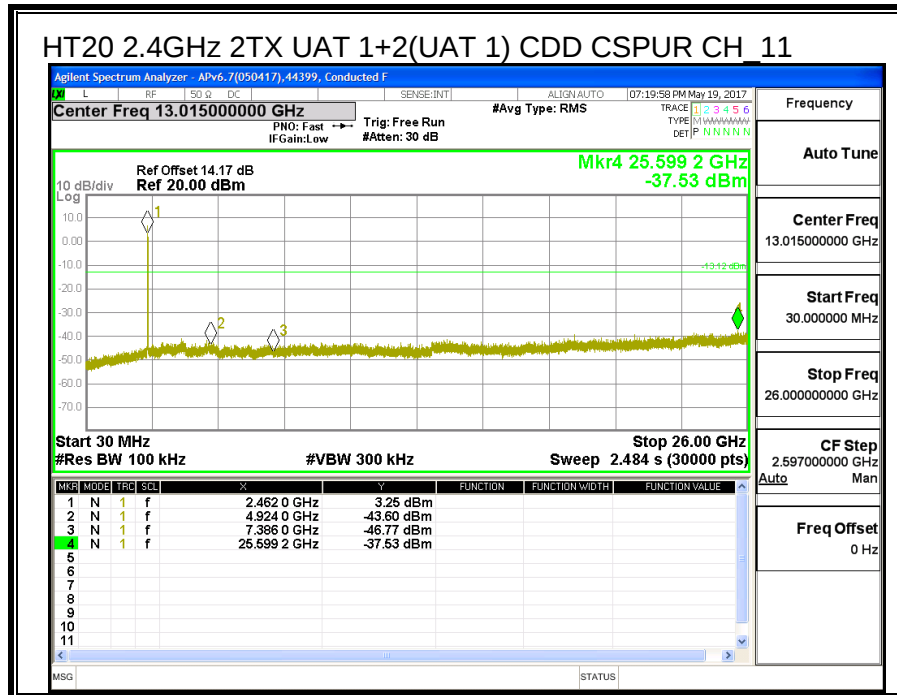


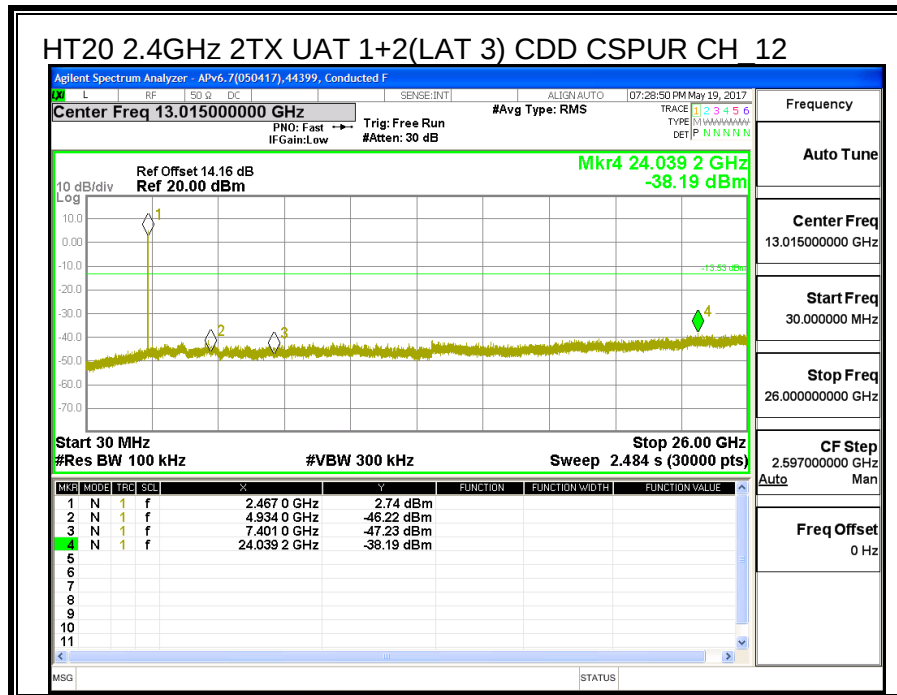
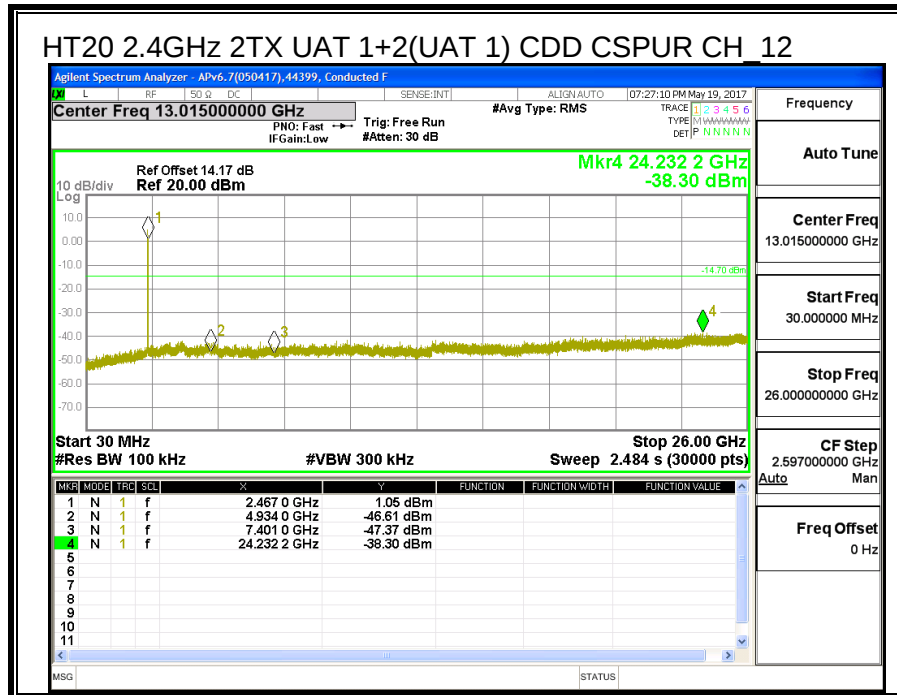


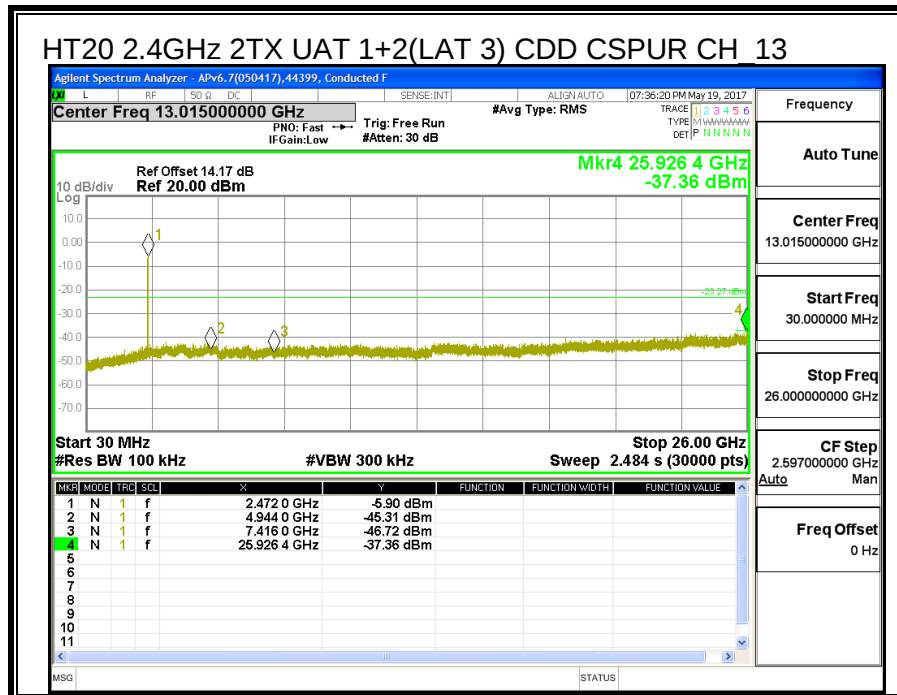
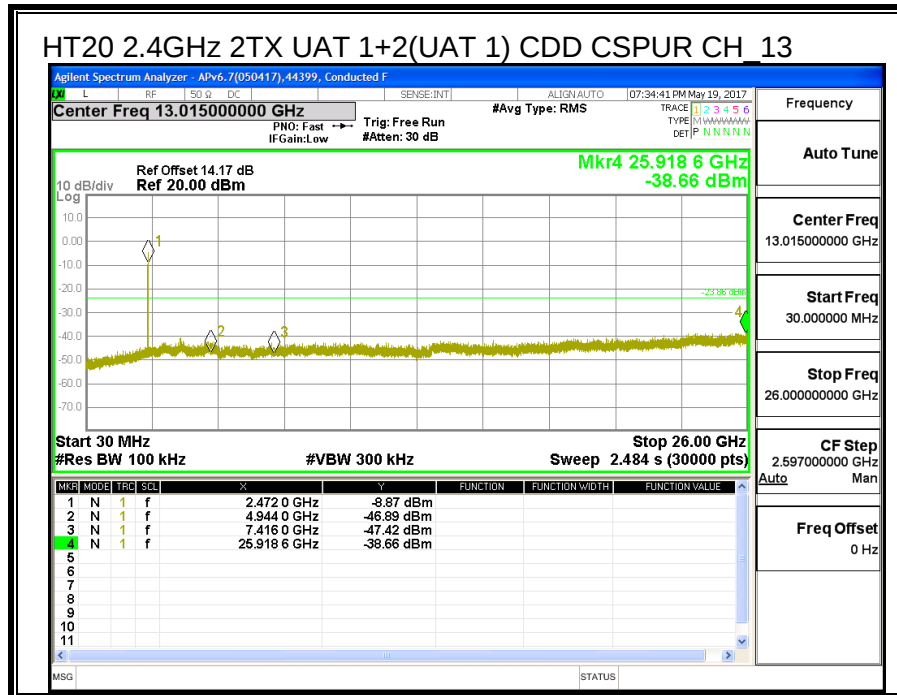












9. RADIATED TEST RESULTS

9.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

IC 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
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.

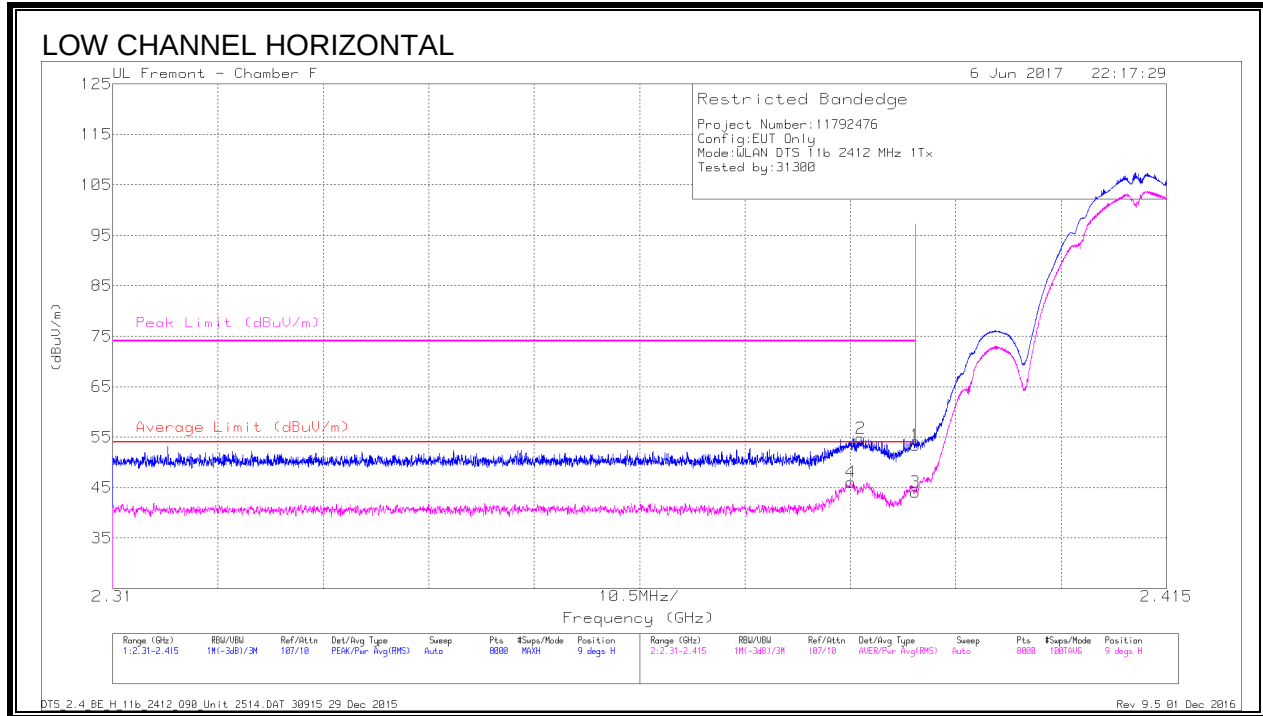
For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The 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

9.2. TRANSMITTER ABOVE 1 GHz

9.2.1. 11b UAT 1 SISO MODE IN THE 2.4GHz BAND

AUTHORIZED BANDEDGE (LOW CHANNEL, CH 1)

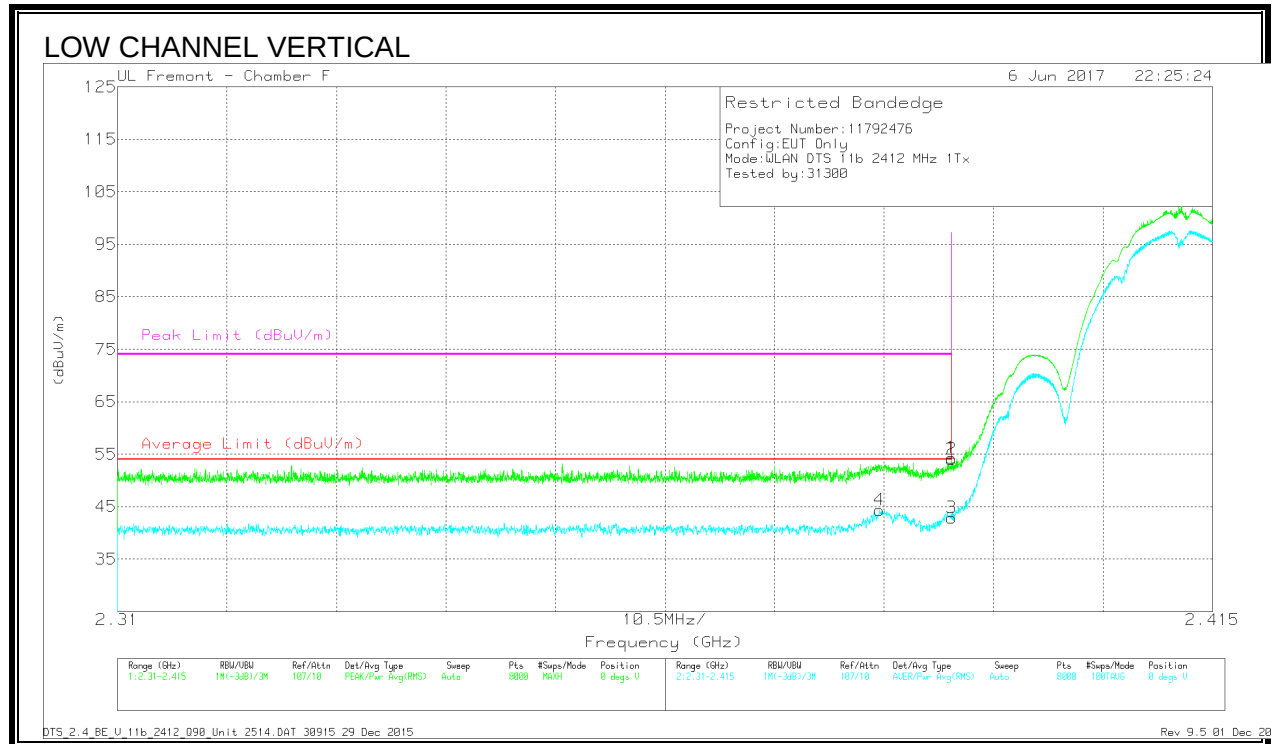


Marker	Frequ ncy (GHz)	Meter Readin g (dBuV)	Det	AF T120 (dB/m)	Amp/C bl/Filtr/ Pad (dB)	Correct ed Readin g (dBuV/ m)	Averag e Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimet h (Degs)	Height (cm)	Polarit y
1	* 2.39	41.95	Pk	32.1	-20.7	53.35	-	-	74	-20.65	9	125	H
2	* 2.385	43.44	Pk	32.1	-20.8	54.74	-	-	74	-19.26	9	125	H
3	* 2.39	32.72	RMS	32.1	-20.7	44.12	54	-9.88	-	-	9	125	H
4	* 2.384	34.78	RMS	32.1	-20.8	46.08	54	-7.92	-	-	9	125	H

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

Pk - Peak detector

RMS - RMS detection



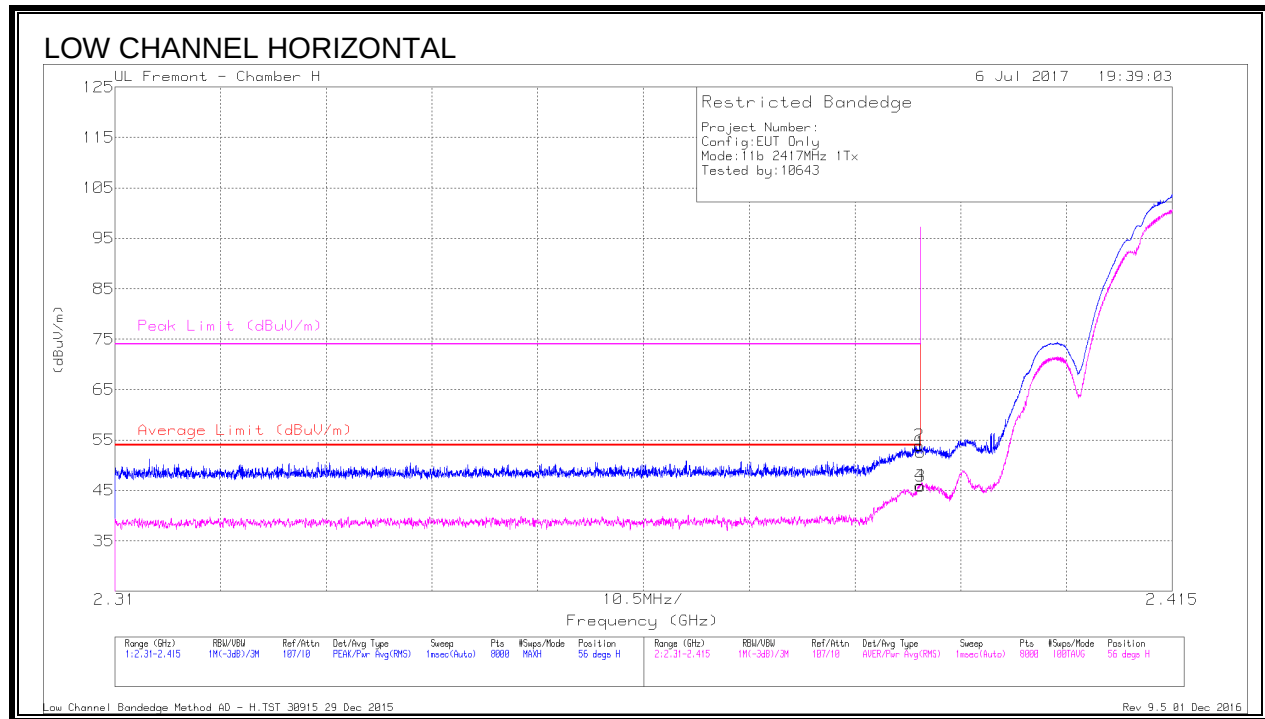
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.89	Pk	32.1	-20.7	54.29	-	-	74	-19.71	0	391	V
2	* 2.39	42.62	Pk	32.1	-20.7	54.02	-	-	74	-19.98	0	391	V
3	* 2.39	31.44	RMS	32.1	-20.7	42.84	54	-11.16	-	-	0	391	V
4	* 2.383	33	RMS	32.1	-20.8	44.3	54	-9.7	-	-	0	391	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (LOW CHANNEL, CH 2)

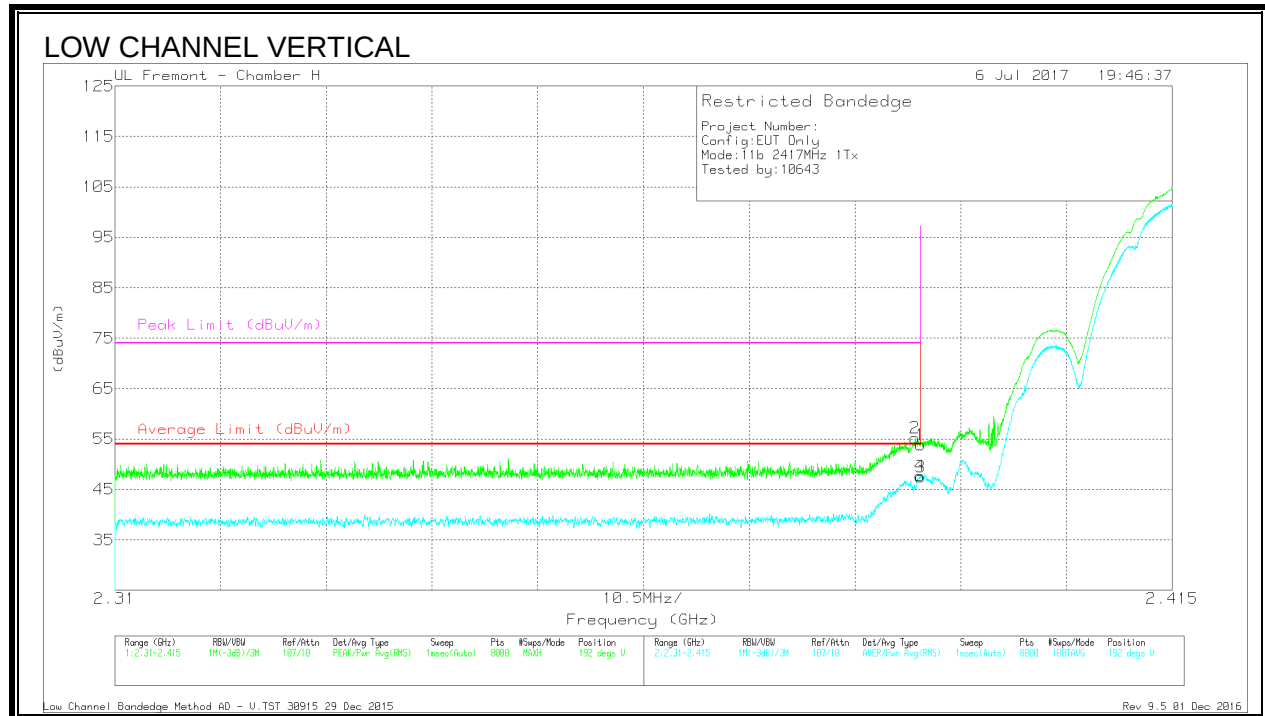


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	48.35	Pk	32.3	-28.1	52.55	-	-	74	-21.45	56	121	H
2	* 2.39	49.75	Pk	32.3	-28.1	53.95	-	-	74	-20.05	56	121	H
3	* 2.39	41.69	RMS	32.3	-28.1	45.89	54	-8.11	-	-	56	121	H
4	* 2.39	41.82	RMS	32.3	-28.1	46.02	54	-7.98	-	-	56	121	H

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

Pk - Peak detector

RMS - RMS detection



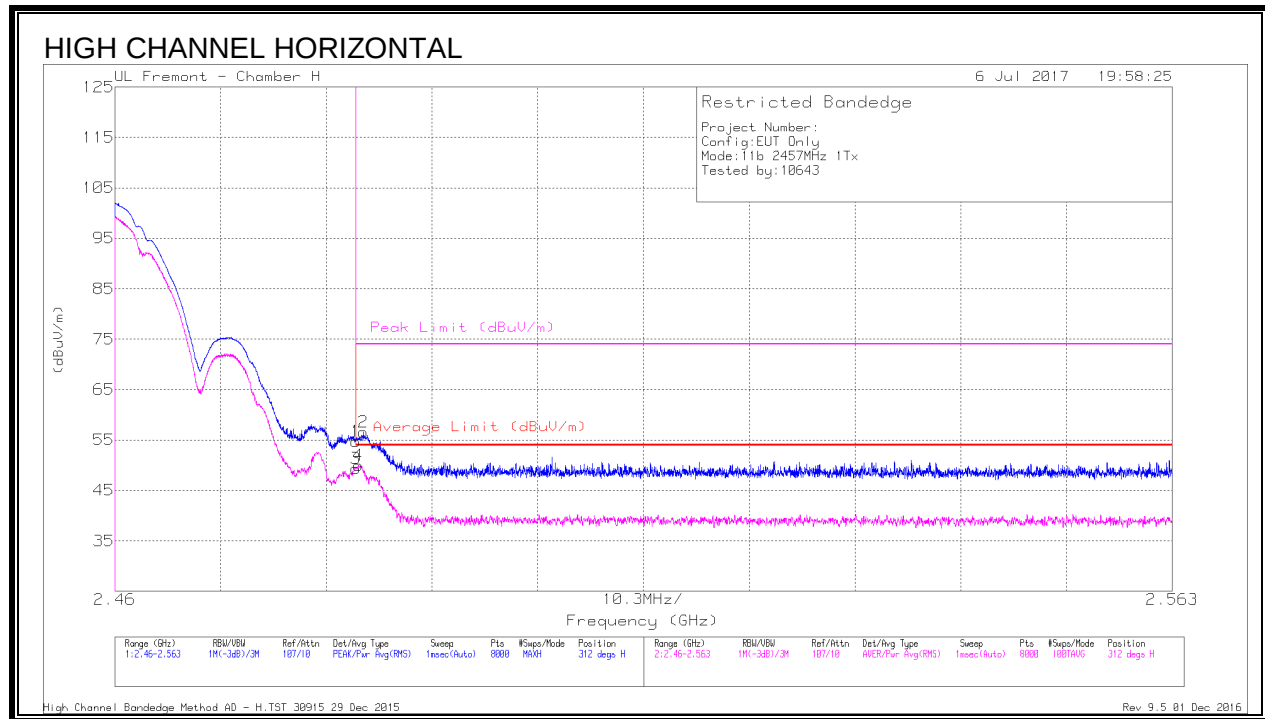
Marker	Frequ ncy (GHz)	Meter Readin g (dBuV)	Det	AF T344 (dB/m)	Amp/C bl/Fitr/ Pad (dB)	Correct ed Readin g (dBuV/ m)	Averag e Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimet h (Degs)	Height (cm)	Polarit y
1	* 2.39	49.59	Pk	32.3	-28.1	53.79	-	-	74	-20.21	192	396	V
2	* 2.389	51.02	Pk	32.3	-28.1	55.22	-	-	74	-18.78	192	396	V
3	* 2.39	43.28	RMS	32.3	-28.1	47.48	54	-6.52	-	-	192	396	V
4	* 2.39	43.47	RMS	32.3	-28.1	47.67	54	-6.33	-	-	192	396	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 10)

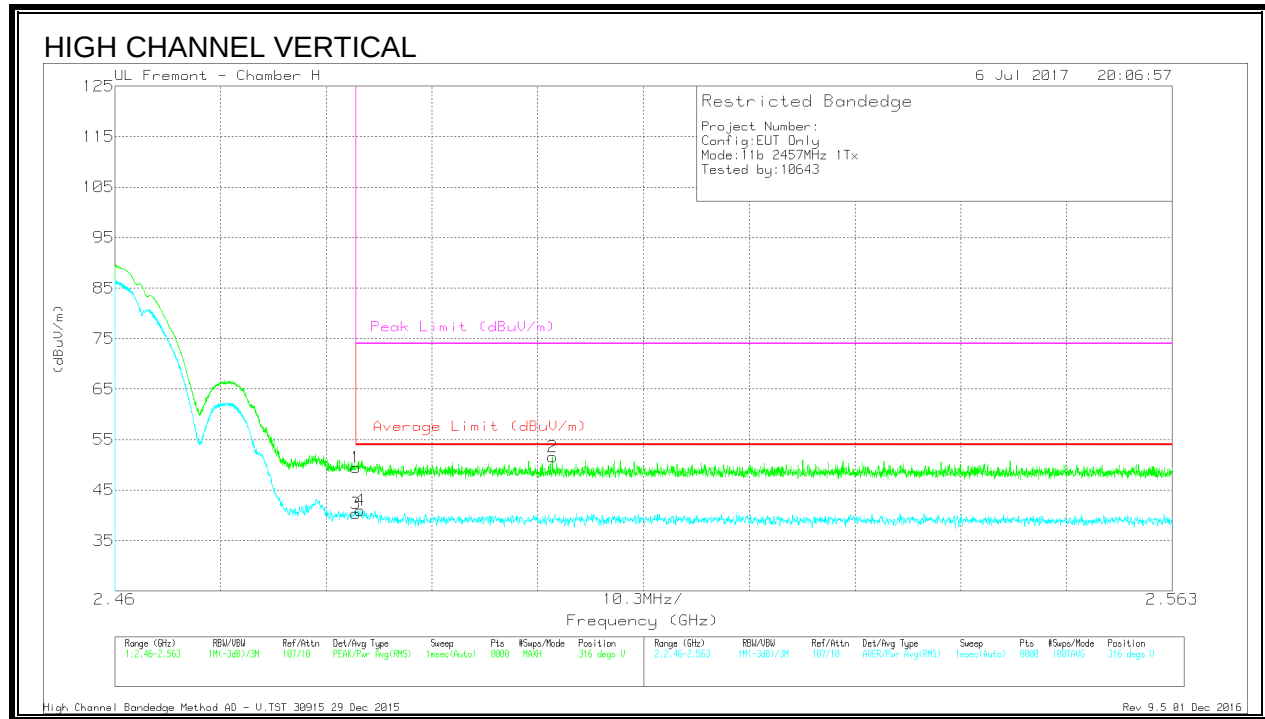


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.55	Pk	32.4	-28.2	54.75	-	-	74	-19.25	312	116	H
2	* 2.484	52.36	Pk	32.4	-28.2	56.56	-	-	74	-17.44	312	116	H
3	* 2.484	45.11	RMS	32.4	-28.2	49.31	54	-4.69	-	-	312	116	H
4	* 2.484	45.76	RMS	32.4	-28.2	49.96	54	-4.04	-	-	312	116	H

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

Pk - Peak detector

RMS - RMS detection



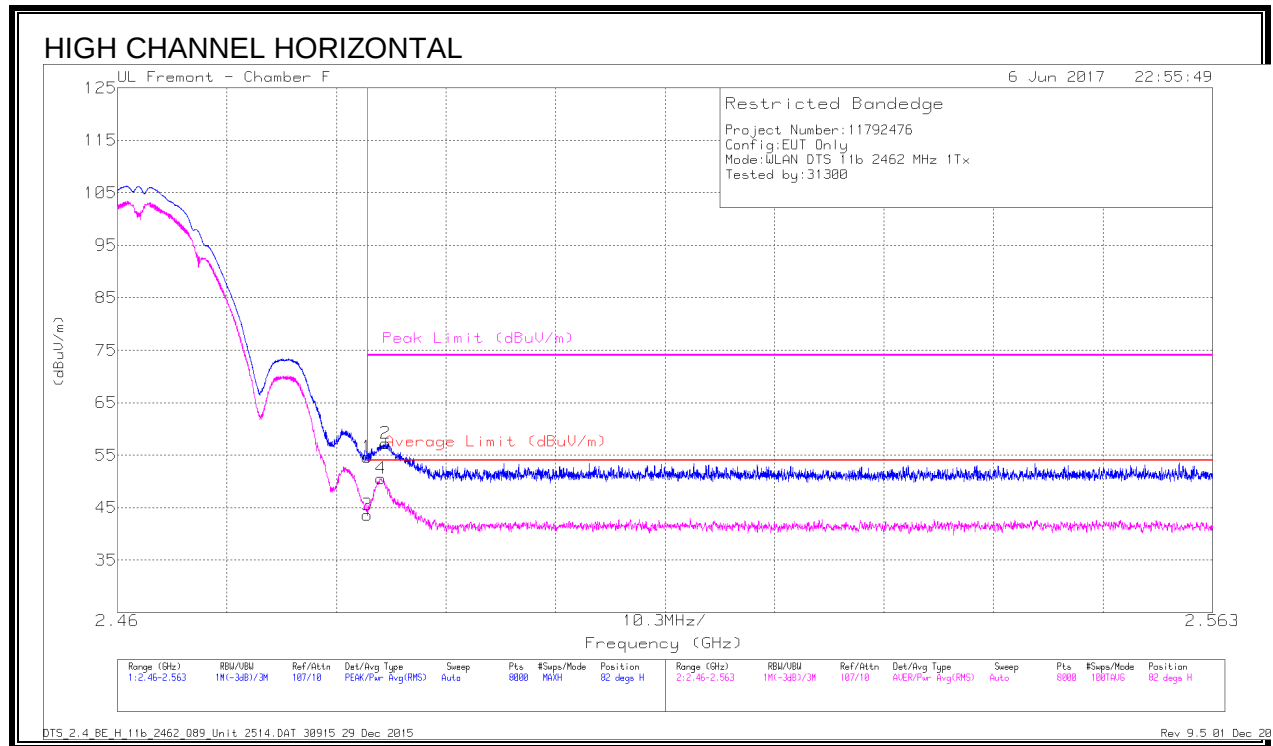
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.23	Pk	32.4	-28.2	49.43	-	-	74	-24.57	316	321	V
2	2.503	47.41	Pk	32.4	-28.2	51.61	-	-	74	-22.39	316	321	V
3	* 2.484	36.2	RMS	32.4	-28.2	40.4	54	-13.6	-	-	316	321	V
4	* 2.484	36.75	RMS	32.4	-28.2	40.95	54	-13.05	-	-	316	321	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 11)

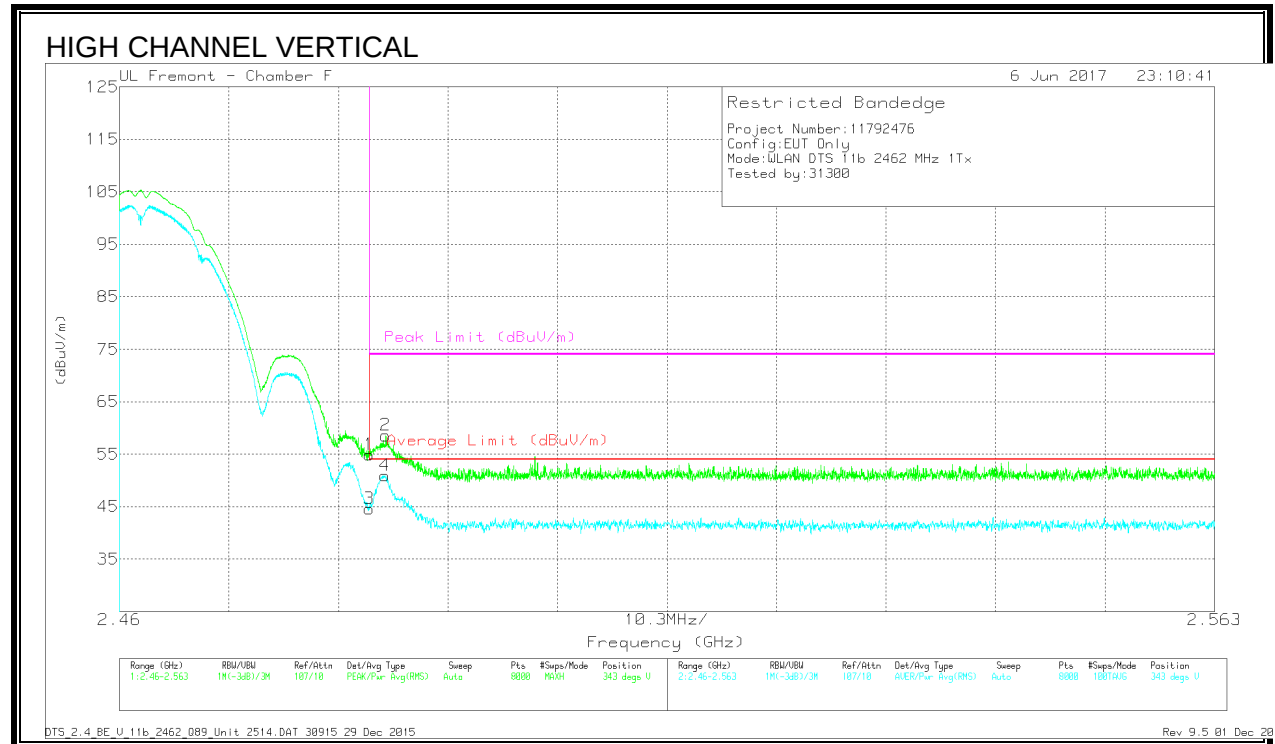


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.96	Pk	32.5	-20.8	54.66	-	-	74	-19.34	82	188	H
2	* 2.485	45.5	Pk	32.5	-20.8	57.2	-	-	74	-16.8	82	188	H
3	* 2.484	31.87	RMS	32.5	-20.8	43.57	54	-10.43	-	-	82	188	H
4	* 2.485	38.83	RMS	32.5	-20.8	50.53	54	-3.47	-	-	82	188	H

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

Pk - Peak detector

RMS - RMS detection



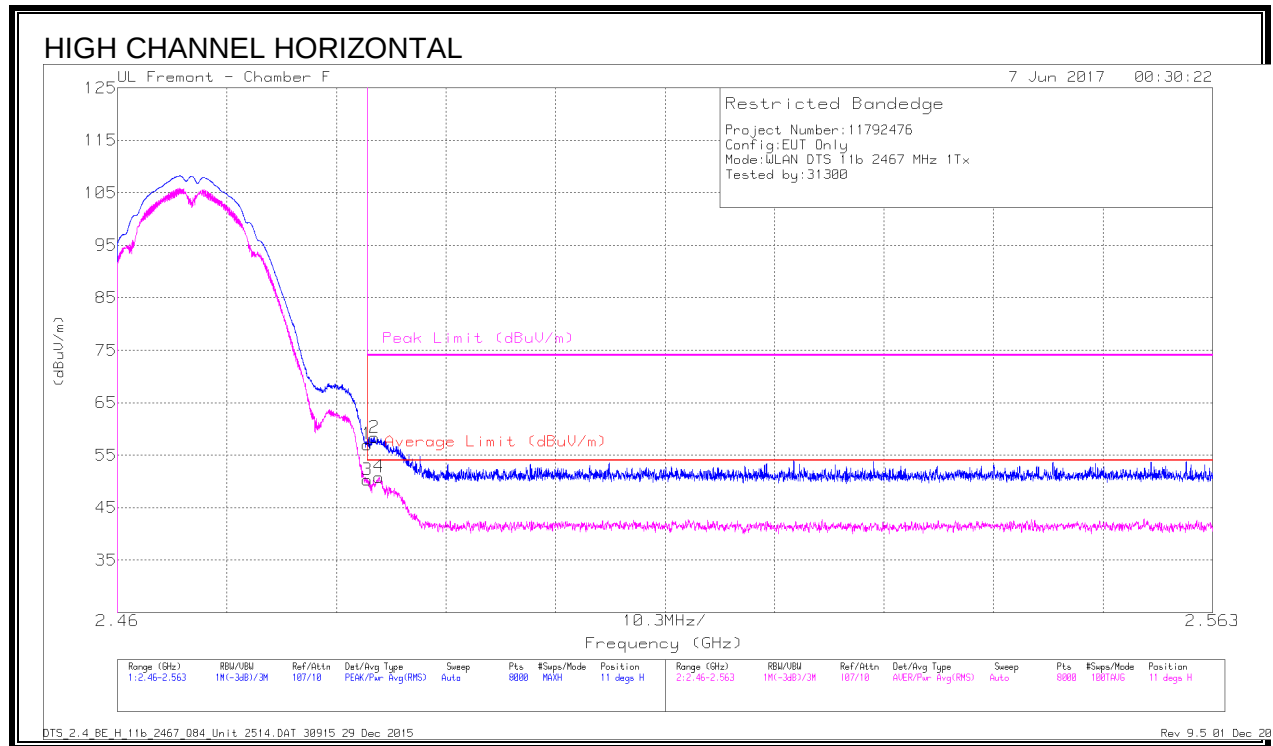
Marker	Frequ ncy (GHz)	Meter Readin g (dBuV)	Det	AF T120 (dB/m)	Amp/C bl/Filtr/ Pad (dB)	Correct ed Readin g (dBuV/ m)	Averag e Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimet h (Degs)	Height (cm)	Polarity
1	* 2.484	43.13	Pk	32.5	-20.8	54.83	-	-	74	-19.17	343	352	V
2	* 2.485	46.85	Pk	32.5	-20.8	58.55	-	-	74	-15.45	343	352	V
3	* 2.484	32.89	RMS	32.5	-20.8	44.59	54	-9.41	-	-	343	352	V
4	* 2.485	39.25	RMS	32.5	-20.8	50.95	54	-3.05	-	-	343	352	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 12)

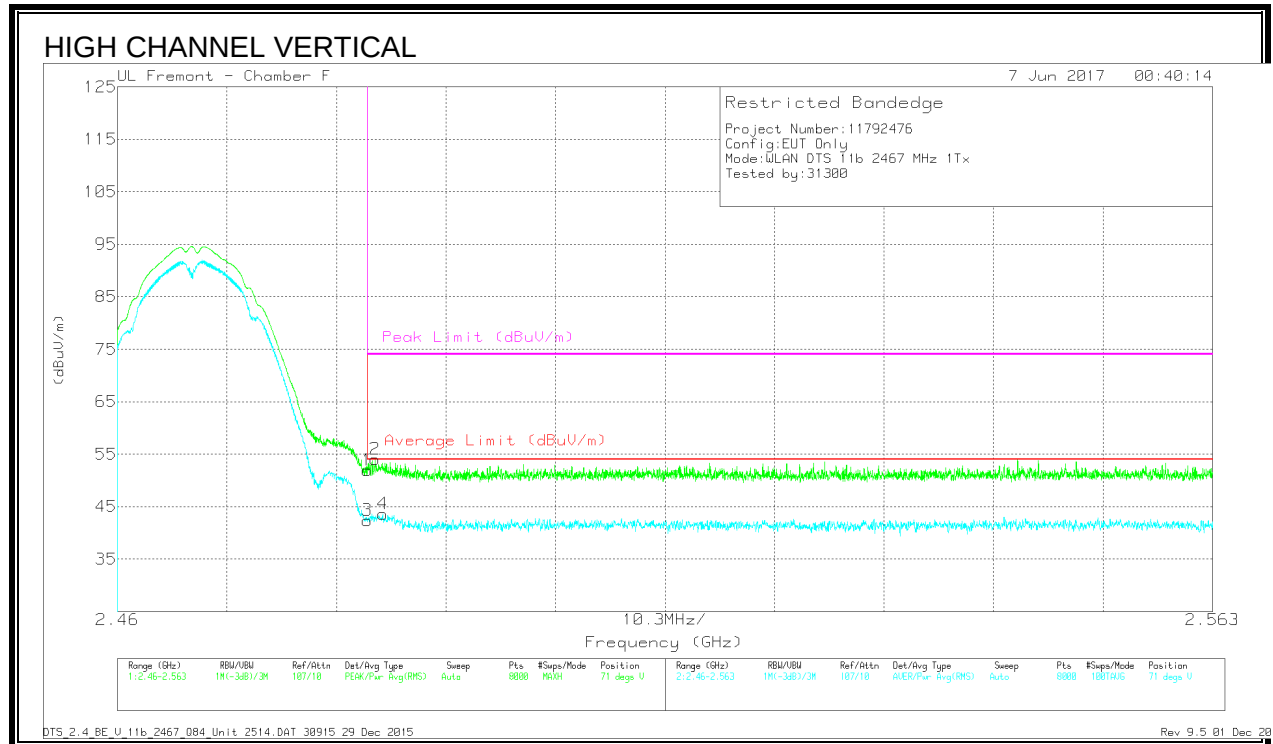


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.36	Pk	32.5	-20.8	57.06	-	-	74	-16.94	11	123	H
2	* 2.484	46.69	Pk	32.5	-20.8	58.39	-	-	74	-15.61	11	123	H
3	* 2.484	38.64	RMS	32.5	-20.8	50.34	54	-3.66	-	-	11	123	H
4	* 2.485	39.15	RMS	32.5	-20.8	50.85	54	-3.15	-	-	11	123	H

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

Pk - Peak detector

RMS - RMS detection



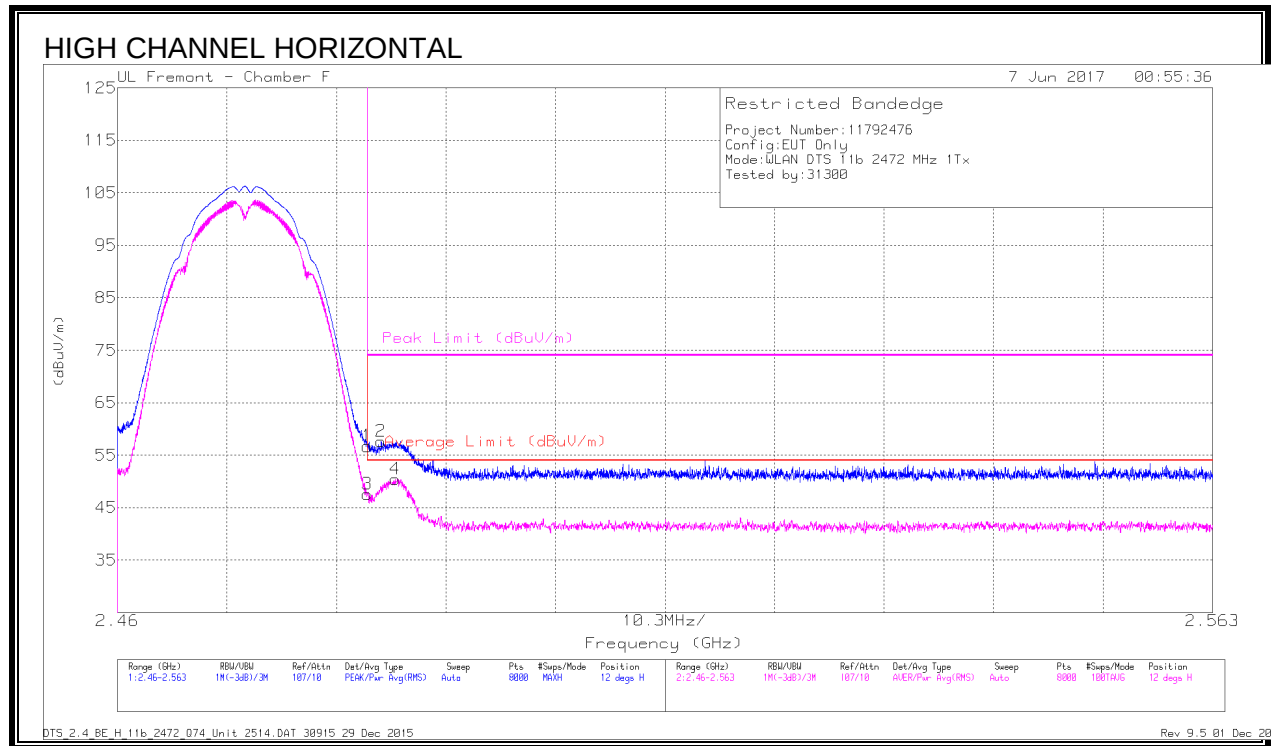
Marker	Frequ ncy (GHz)	Meter Readin g (dBuV)	Det	AF T120 (dB/m)	Amp/C bl/Filtr/ Pad (dB)	Correct ed Readin g (dBuV/ m)	Averag e Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimet h (Degs)	Height (cm)	Polarity
1	* 2.484	40.2	Pk	32.5	-20.8	51.9	-	-	74	-22.1	71	314	V
2	* 2.484	42.33	Pk	32.5	-20.8	54.03	-	-	74	-19.97	71	314	V
3	* 2.484	30.6	RMS	32.5	-20.8	42.3	54	-11.7	-	-	71	314	V
4	* 2.485	31.94	RMS	32.5	-20.8	43.64	54	-10.36	-	-	71	314	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 13)

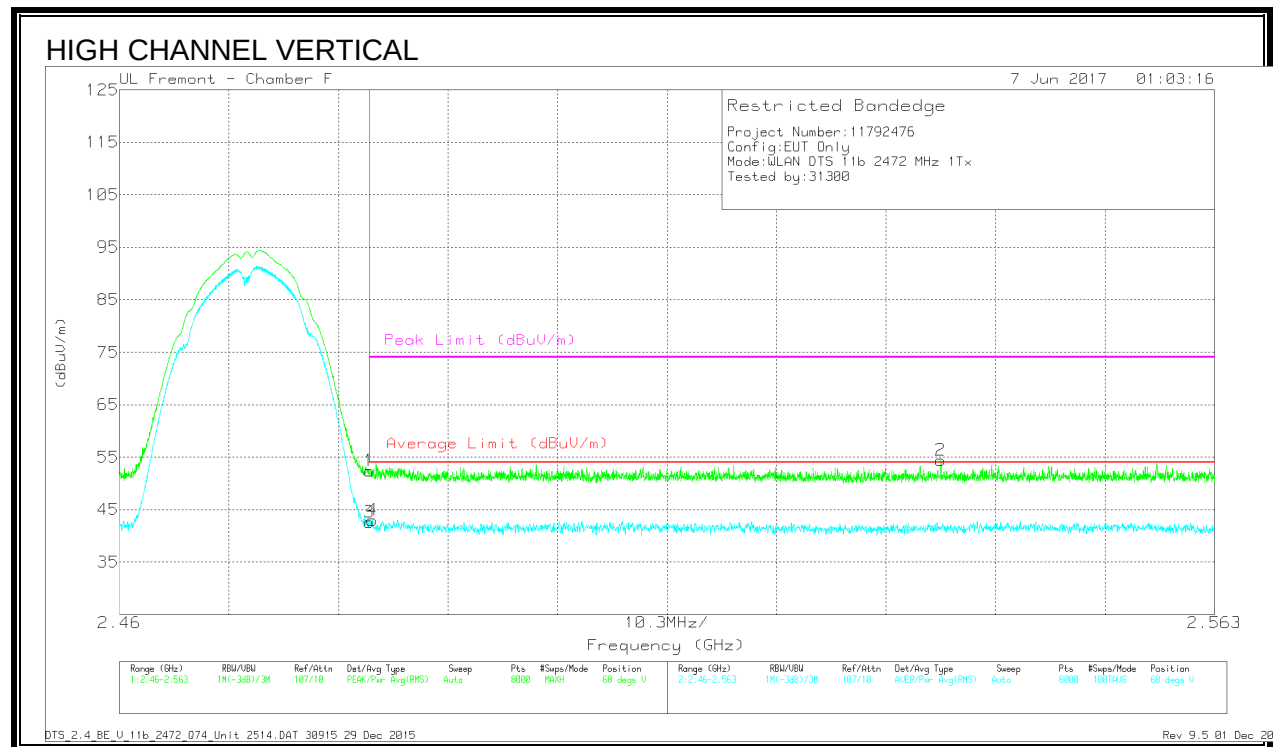


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.99	Pk	32.5	-20.8	56.69	-	-	74	-17.31	12	119	H
2	* 2.485	45.88	Pk	32.5	-20.8	57.58	-	-	74	-16.42	12	119	H
3	* 2.484	35.85	RMS	32.5	-20.8	47.55	54	-6.45	-	-	12	119	H
4	* 2.486	38.65	RMS	32.6	-20.8	50.45	54	-3.55	-	-	12	119	H

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

Pk - Peak detector

RMS - RMS detection



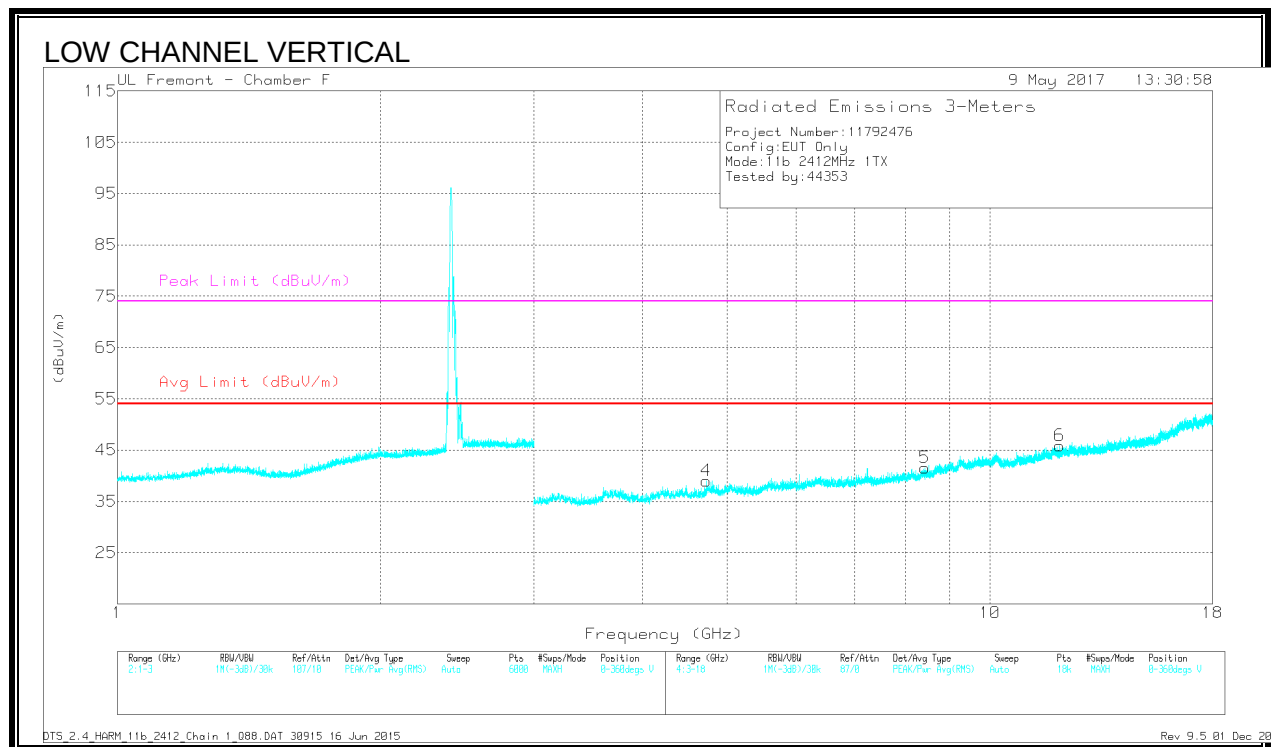
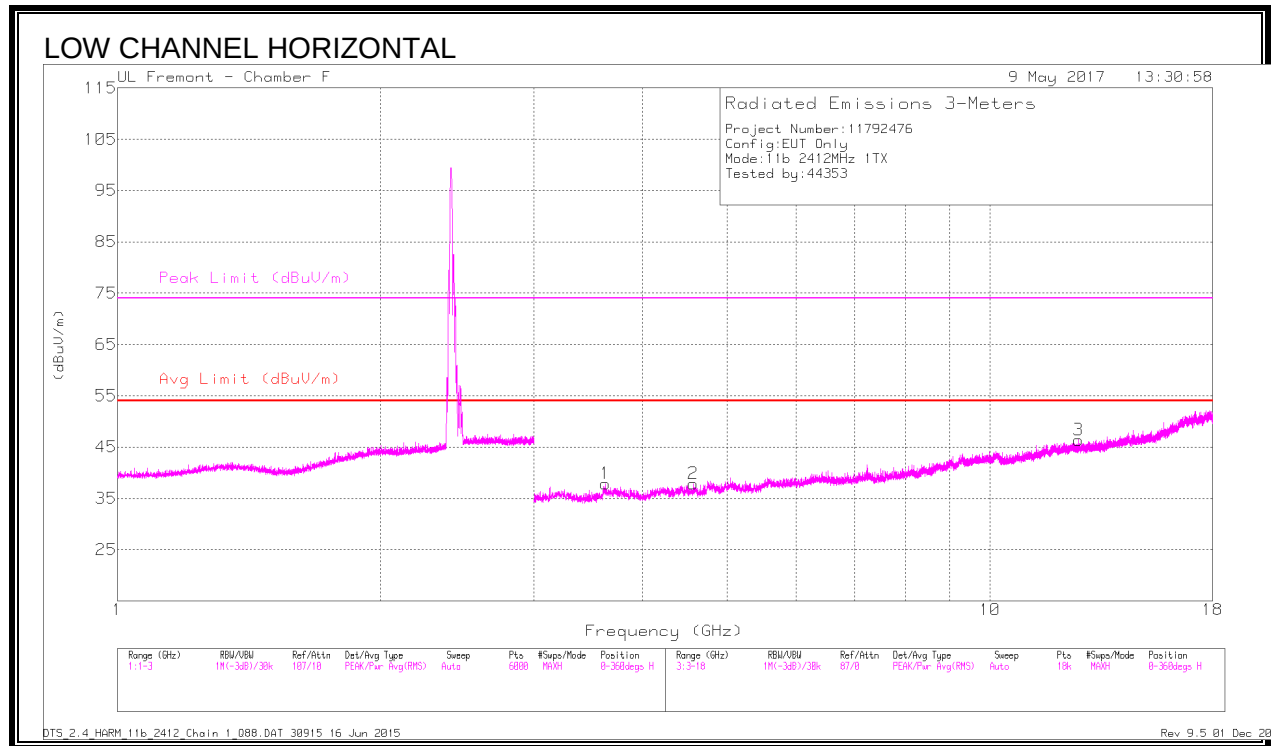
Marker	Frequ ncy (GHz)	Meter Readin g (dBuV)	Det	AFT120 (dB/m)	Amp/C bl/Filtr/ Pad (dB)	Correct ed Readin g (dBuV/ m)	Averag e Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimet h (Degs)	Height (cm)	Polarity
1	* 2.484	40.73	Pk	32.5	-20.8	52.43	-	-	74	-21.57	68	313	V
2	2.537	42.34	Pk	32.6	-20.6	54.34	-	-	74	-19.66	68	313	V
3	* 2.484	30.9	RMS	32.5	-20.8	42.6	54	-11.4	-	-	68	313	V
4	* 2.484	31.29	RMS	32.5	-20.8	42.99	54	-11.01	-	-	68	313	V

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

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL, CH 1)



DATA

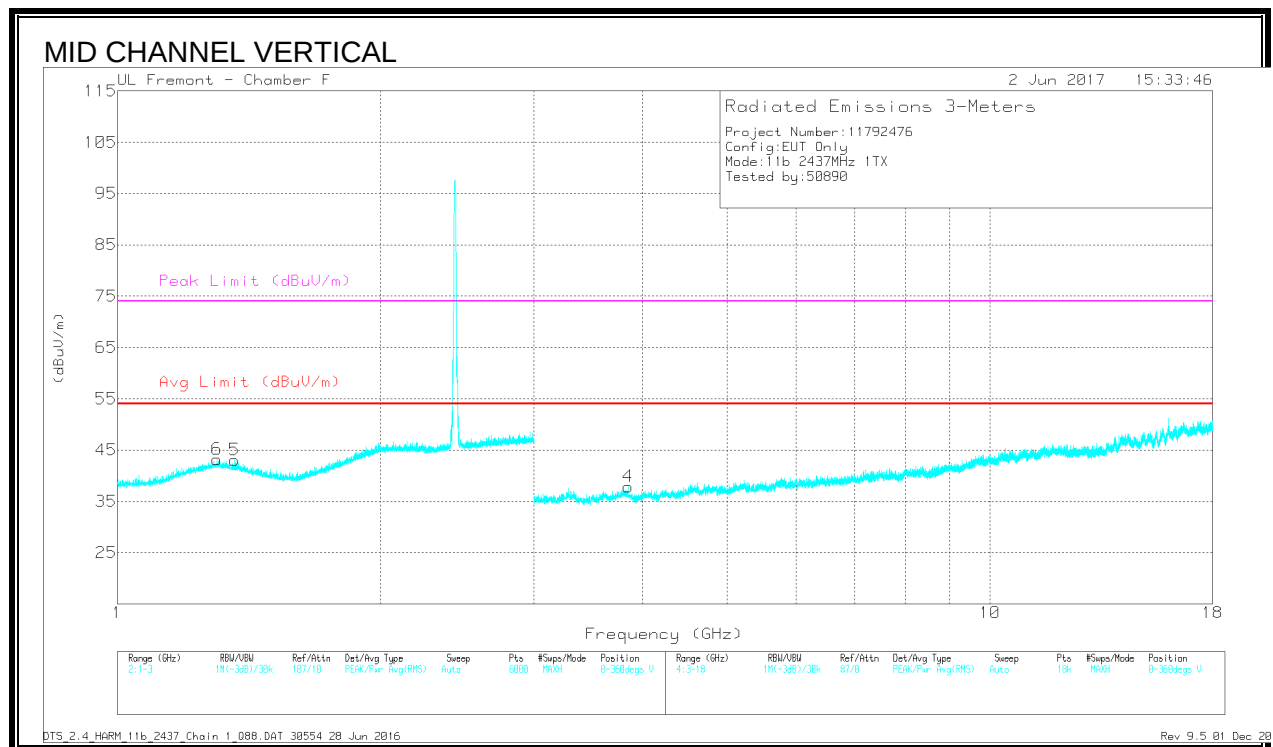
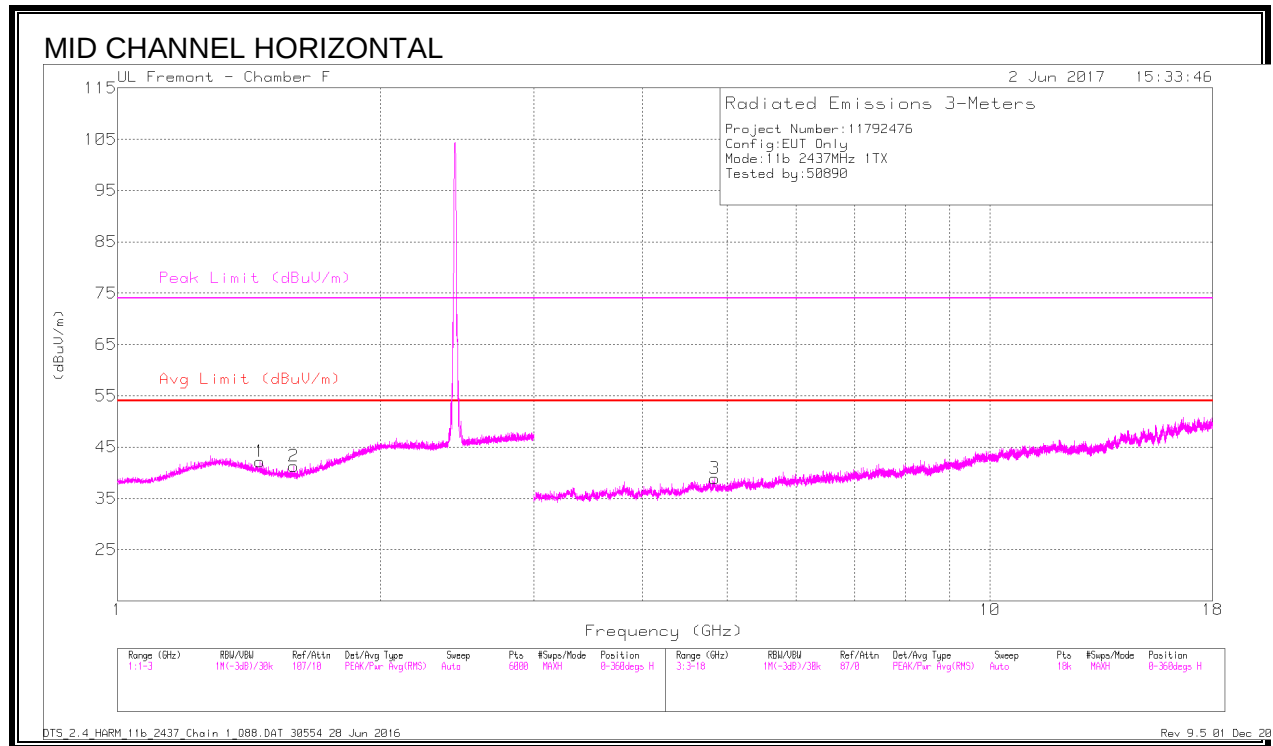
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.624	38.42	PK2	33.2	-28.6	43.02	-	-	74	-30.98	360	101	H
	* 3.625	27.44	MAv1	33.2	-28.6	32.04	54	-21.96	-	-	360	101	H
2	* 4.573	38.68	PK2	34	-28	44.68	-	-	74	-29.32	360	200	H
	* 4.576	27.17	MAv1	34	-28.1	33.07	54	-20.93	-	-	360	200	H
3	* 12.637	35.45	PK2	39.2	-21	53.65	-	-	74	-20.35	360	200	H
	* 12.639	23.71	MAv1	39.2	-21	41.91	54	-12.09	-	-	360	200	H
4	* 4.727	37.77	PK2	34	-27.2	44.57	-	-	74	-29.43	360	200	V
	* 4.726	26.65	MAv1	34	-27.2	33.45	54	-20.55	-	-	360	200	V
5	* 8.421	35.12	PK2	36	-23.4	47.72	-	-	74	-26.28	360	200	V
	* 8.423	24.05	MAv1	36	-23.4	36.65	54	-17.35	-	-	360	200	V
6	* 12.029	34.66	PK2	38.9	-21.2	52.36	-	-	74	-21.64	360	102	V
	* 12.029	23.43	MAv1	38.9	-21.2	41.13	54	-12.87	-	-	360	102	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL, CH 6)



DATA

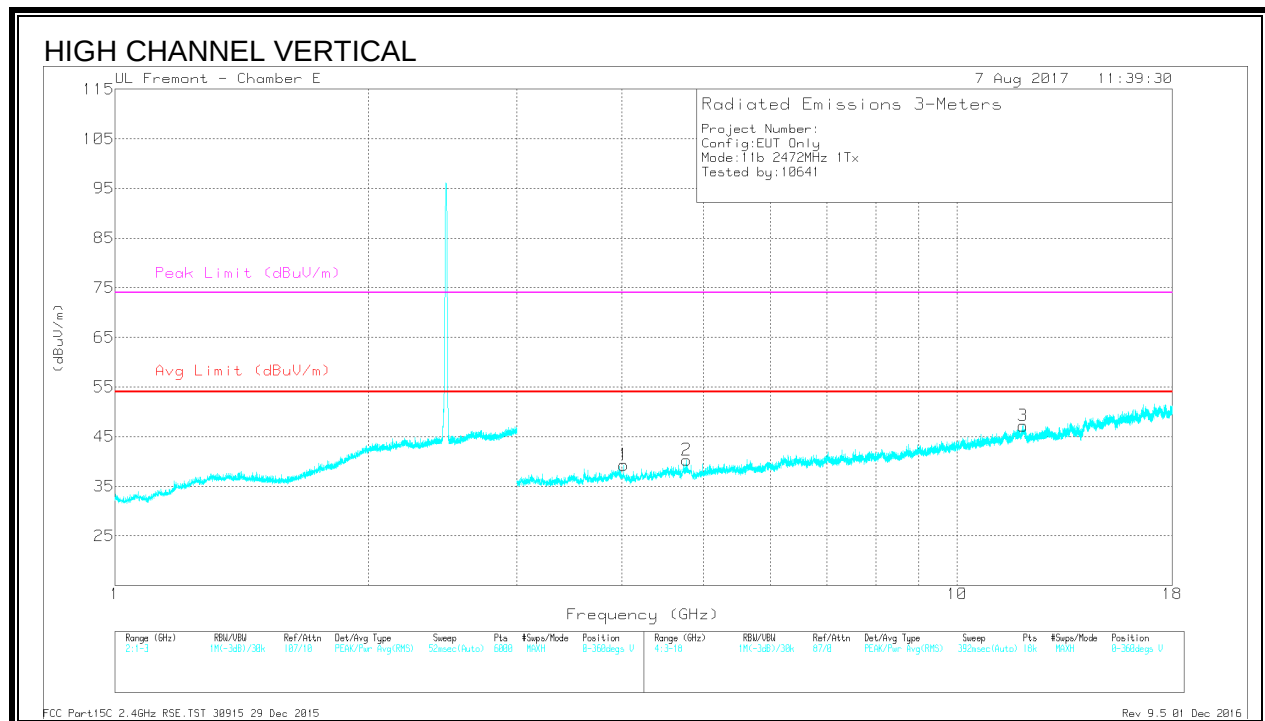
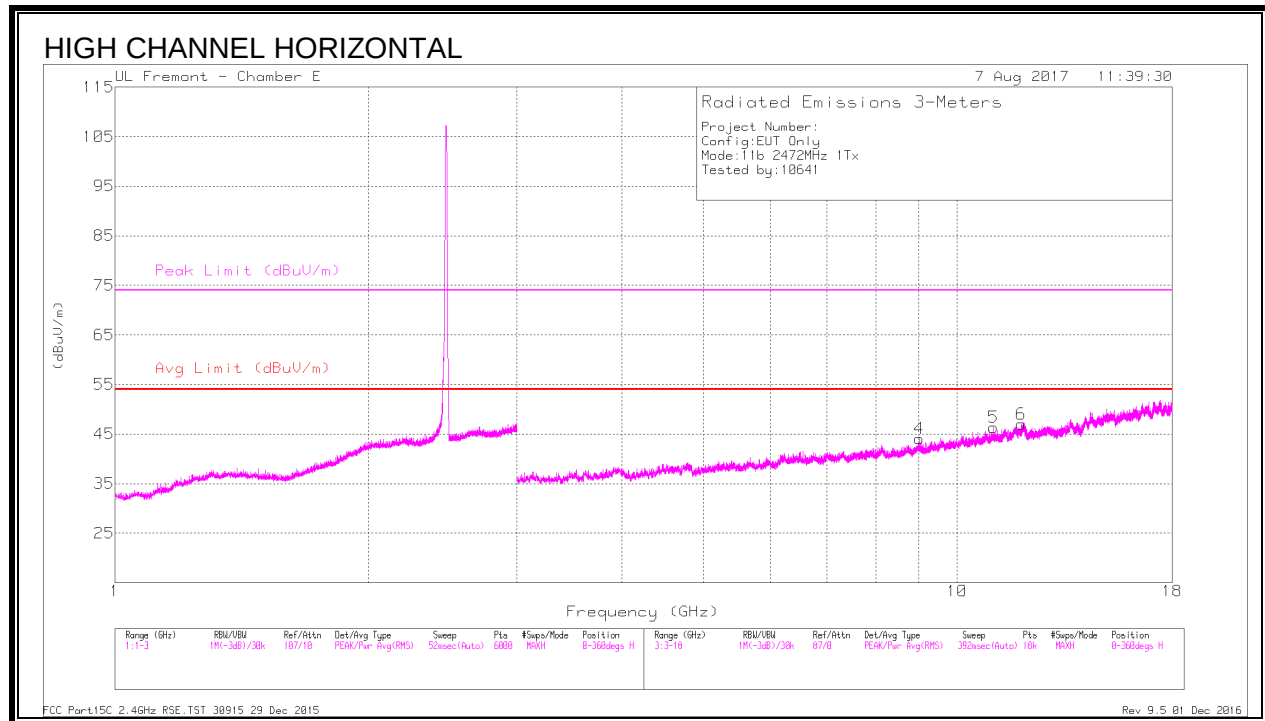
Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.456	42.12	PK2	28.3	-22	48.42	-	-	74	-25.58	327	261	H
	* 1.455	29.96	MAv1	28.3	-22	36.26	54	-17.74	-	-	327	261	H
2	* 1.593	43.17	PK2	27.3	-22	48.47	-	-	74	-25.53	95	252	H
	* 1.592	29.95	MAv1	27.3	-22	35.25	54	-18.75	-	-	95	252	H
5	* 1.362	41.79	PK2	29.5	-22.1	49.19	-	-	74	-24.81	163	138	V
	* 1.363	30.02	MAv1	29.4	-22.1	37.32	54	-16.68	-	-	163	138	V
6	* 1.301	42.14	PK2	30.1	-22.2	50.04	-	-	74	-23.96	27	328	V
	* 1.301	29.96	MAv1	30.1	-22.2	37.86	54	-16.14	-	-	27	328	V
3	* 4.836	38.93	PK2	34.2	-27.3	45.83	-	-	74	-28.17	170	268	H
	* 4.836	26.49	MAv1	34.2	-27.2	33.49	54	-20.51	-	-	170	268	H
4	* 3.847	39.13	PK2	33.3	-28.3	44.13	-	-	74	-29.87	178	350	V
	* 3.848	27.49	MAv1	33.3	-28.3	32.49	54	-21.51	-	-	178	350	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL, CH 13)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 9.008	37.7	PK2	36.9	-24.5	50.1	-	-	74	-23.9	332	399	H
	* 9.008	26.09	MAv1	36.9	-24.5	38.49	54	-15.51	-	-	332	399	H
5	* 11.039	36.64	PK2	38.5	-23.2	51.94	-	-	74	-22.06	145	200	H
	* 11.037	24.99	MAv1	38.5	-23.1	40.39	54	-13.61	-	-	145	200	H
6	* 11.9	36.55	PK2	39.4	-23	52.95	-	-	74	-21.05	220	322	H
	* 11.903	25.07	MAv1	39.4	-23.1	41.37	54	-12.63	-	-	220	322	H
1	* 4.02	41.18	PK2	33.7	-28.9	45.98	-	-	74	-28.02	7	180	V
	* 4.02	29.45	MAv1	33.7	-28.9	34.25	54	-19.75	-	-	7	180	V
2	* 4.768	40.53	PK2	34.4	-28.7	46.23	-	-	74	-27.77	87	312	V
	* 4.766	28.7	MAv1	34.4	-28.8	34.3	54	-19.7	-	-	87	312	V
3	* 11.969	35.8	PK2	39.7	-21.9	53.6	-	-	74	-20.4	192	279	V
	* 11.971	24.58	MAv1	39.7	-21.9	42.38	54	-11.62	-	-	192	279	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average