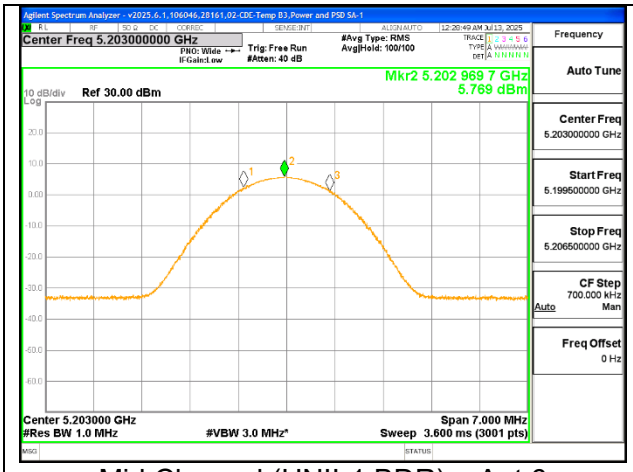
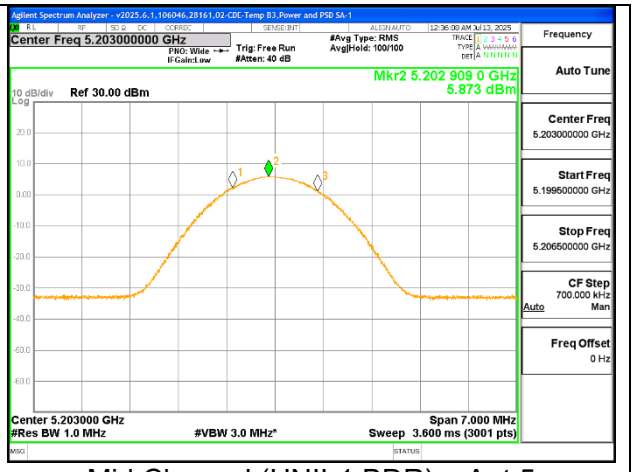
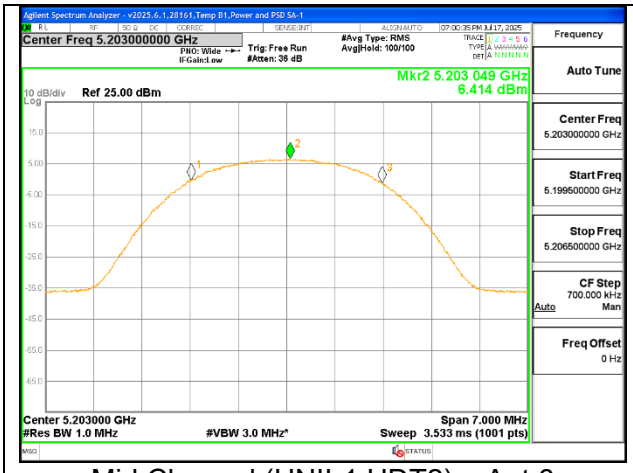


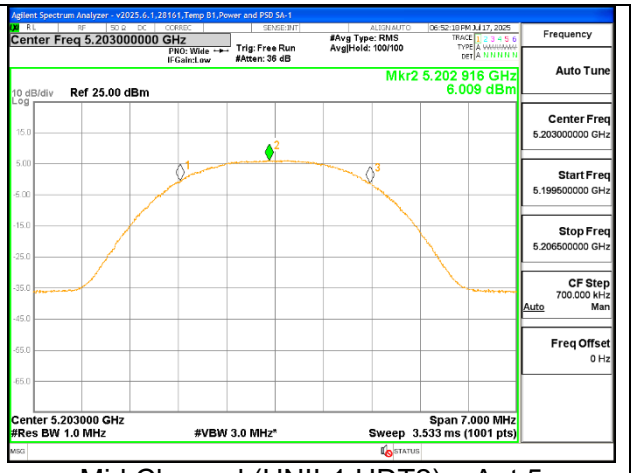
Mid Channel (UNII-1 BDR) – Ant 6



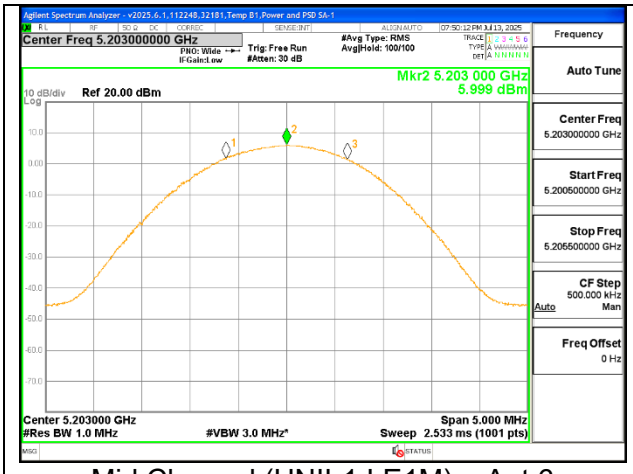
Mid Channel (UNII-1 BDR) – Ant 5



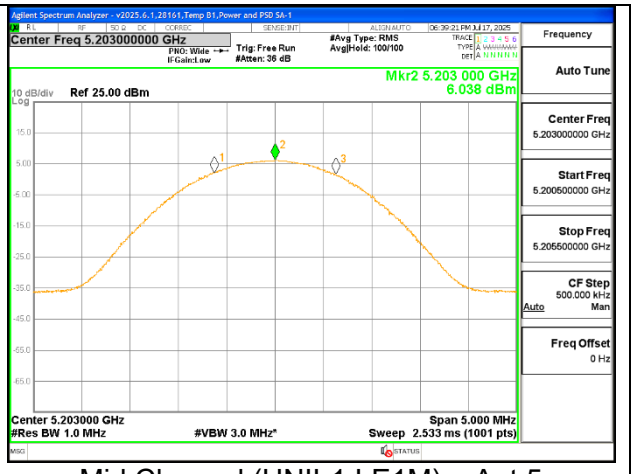
Mid Channel (UNII-1 HDT2) – Ant 6



Mid Channel (UNII-1 HDT2) – Ant 5



Mid Channel (UNII-1 LE1M) – Ant 6



Mid Channel (UNII-1 LE1M) – Ant 5

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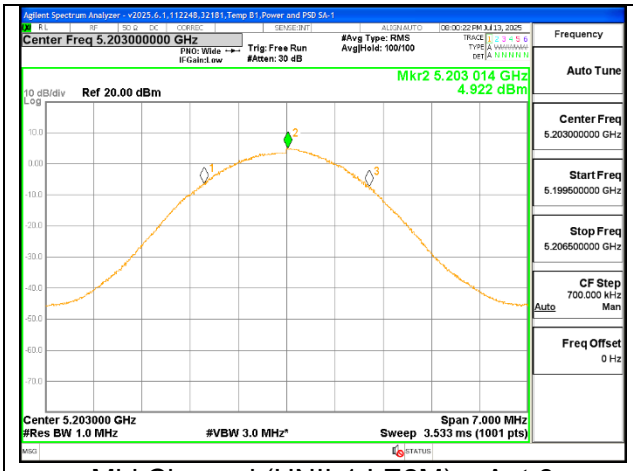
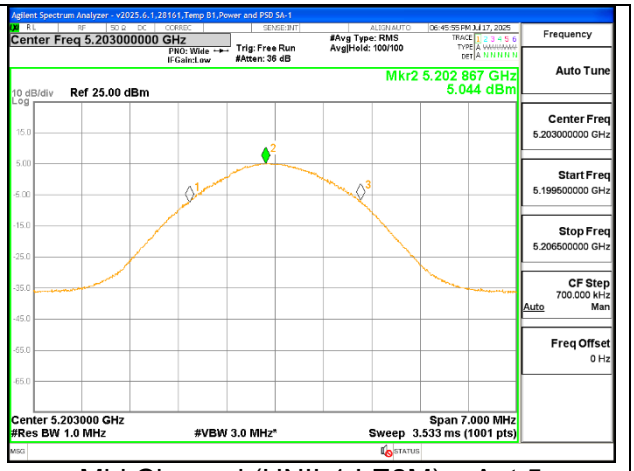
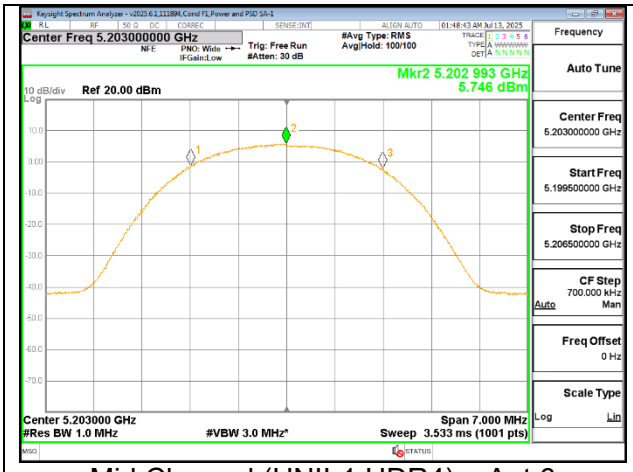


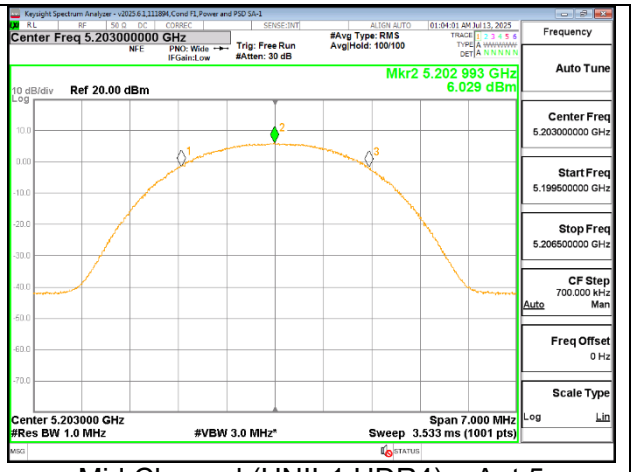
Mid Channel (UNII-1 LE2M) – Ant 6



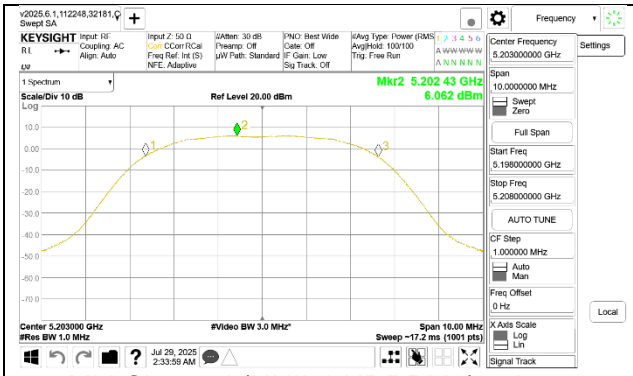
Mid Channel (UNII-1 LE2M) – Ant 5



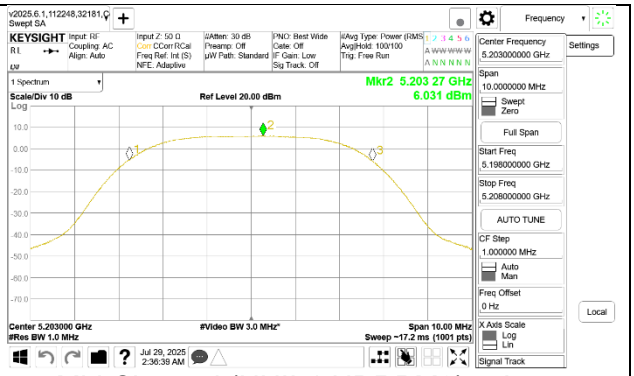
Mid Channel (UNII-1 HDR4) – Ant 6



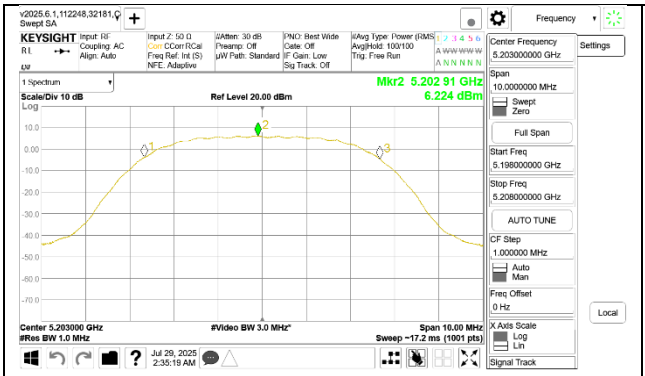
Mid Channel (UNII-1 HDR4) – Ant 5



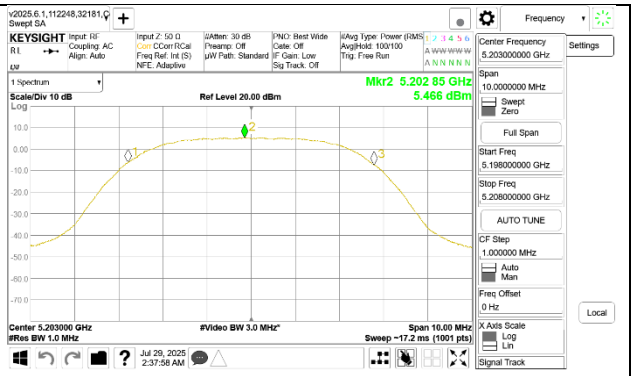
Mid Channel (UNII-1 HDRPM8) – Ant 6



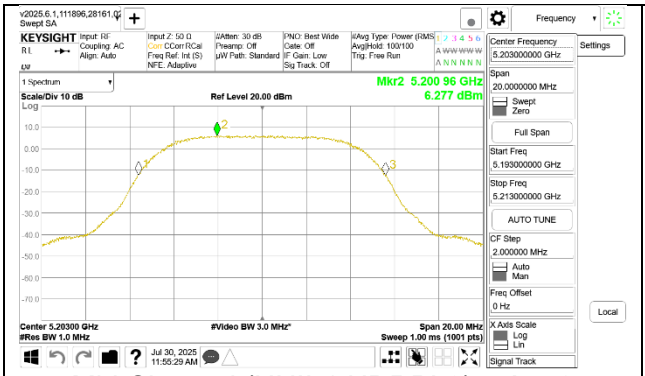
Mid Channel (UNII-1 HDRPM8) – Ant 5



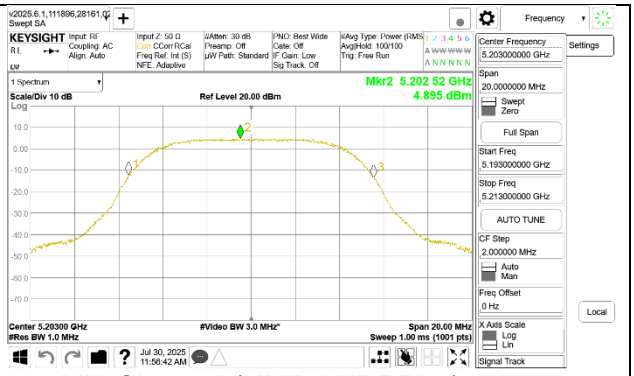
Mid Channel (UNII-1 XHDRPM16) – Ant 6



Mid Channel (UNII-1 XHDRPM16) – Ant 5



Mid Channel (UNII-1 HDRPL8) – Ant 6



Mid Channel (UNII-1 HDRPL8) – Ant 5

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9.4.3. UNII-3 BAND SISO MODE

UNII-3 (SISO) (5733- 5844MHz)	
Ant 6 (dBi)	-0.30
Ant 5 (dBi)	-2.20

UNII-3 (SISO)	Power Config.	Freq (MHz)	Ch. #	Duty Cycle (dB)	Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/500kHz)		PSD (dBm/500kHz)		Total Corrected PSD (dBm/500kHz)	
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
BDR	High	5733	Low	1.16	30	30	19.48	18.74	19.48	**18.74**	30	30	17.935	16.990	19.095	18.150
		5788	Mid				19.49	18.68	**19.49**	18.68			17.994	17.160	19.154	18.320
		5844	High				19.49	18.73	**19.49**	18.73			17.650	17.088	18.810	18.248
	Low	5733	Low				3.72	2.24	3.72	**2.24**			1.466	-0.107	2.626	1.053
		5788	Mid				3.74	2.23	**3.74**	2.23			1.810	0.225	2.970	1.385
		5844	High				3.74	2.21	**3.74**	2.21			1.993	0.803	3.153	1.963
HDT2	High	5733	Low	0.16			14.37	13.74	14.37	**13.74**			8.540	7.747	8.700	7.907
		5788	Mid				14.45	13.71	**14.45**	13.71			8.283	7.721	8.443	7.881
		5844	High				14.32	13.72	14.32	13.72			8.692	7.591	8.852	7.751
	Low	5733	Low				0.46	-1.19	0.46	-1.19			-5.090	-6.520	-4.930	-6.360
		5788	Mid				0.48	-1.02	**0.48**	**-1.02**			-5.391	-6.750	-5.231	-6.590
		5844	High				0.39	-1.02	0.39	**-1.02**			-5.580	-6.760	-5.420	-6.600
LE1M	High	5733	Low	0.72			19.48	18.67	**19.48**	18.67			17.524	17.070	18.244	17.790
		5788	Mid				19.43	18.71	19.43	18.71			17.584	17.149	18.304	17.869
		5844	High				19.40	18.74	19.40	**18.74**			17.784	17.239	18.504	17.959
	Low	5733	Low				3.69	2.23	3.69	**2.23**			1.706	0.005	2.426	0.725
		5788	Mid				3.73	2.21	**3.73**	2.21			2.008	0.097	2.728	0.817
		5844	High				3.71	2.22	3.71	2.22			2.339	0.469	3.059	1.189
LE2M	High	5733	Low	2.52			19.46	18.73	19.46	**18.73**			14.527	13.471	17.047	15.991
		5788	Mid				19.48	18.71	**19.48**	18.71			14.366	13.329	16.886	15.849
		5844	High				19.42	18.72	19.42	18.72			14.309	13.872	16.829	16.392
	Low	5733	Low				3.73	2.21	3.73	2.21			-1.812	-3.489	0.708	-0.969
		5788	Mid				3.72	2.22	3.72	2.22			-2.033	-3.431	0.487	-0.911
		5844	High				3.74	2.24	**3.74**	**2.24**			-1.651	-3.349	0.869	-0.829
HDR4	High	5733	Low	1.09			14.48	13.68	**14.48**	13.68			9.136	8.626	10.226	9.716
		5788	Mid				14.46	13.69	14.46	13.69			9.652	8.670	10.742	9.760
		5844	High				14.48	13.73	**14.48**	**13.73**			9.537	8.781	10.627	9.871
	Low	5733	Low				0.38	-1.09	0.38	-1.09			-6.073	-7.133	-4.983	-6.043
		5788	Mid				0.43	-1.03	0.43	**-1.03**			-6.211	-7.150	-5.121	-6.060
		5844	High				0.48	-1.07	**0.48**	-1.07			-6.403	-7.350	-5.313	-6.260
HDR8	High	5733	Low	1.07			14.45	13.72	14.45	13.72			7.052	6.667	8.122	7.737
		5788	Mid				14.48	13.70	**14.48**	13.70			7.062	6.418	8.132	7.488
		5844	High				14.45	13.73	14.45	**13.73**			6.899	6.635	7.969	7.705
	Low	5733	Low				0.35	-1.05	0.35	-1.05			-8.695	-9.646	-7.625	-8.576
		5788	Mid				0.48	-1.04	**0.48**	**-1.04**			-8.565	-9.526	-7.495	-8.456
		5844	High				0.42	-1.05	0.42	-1.05			-8.752	-9.912	-7.682	-8.842
HDRPL8	High	5733	Low	0.22			14.47	13.71	14.47	13.71			4.266	3.764	4.486	3.984
		5788	Mid				14.47	13.74	14.47	**13.74**			4.387	3.717	4.607	3.937
		5844	High				14.49	13.70	**14.49**	13.70			4.729	3.956	4.949	4.176
	Low	5733	Low				0.44	-1.06	**0.44**	-1.06			-11.245	-12.753	-11.025	-12.533
		5788	Mid				0.39	-1.13	0.39	-1.13			-11.505	-12.583	-11.285	-12.363
		5844	High				0.36	-1.05	0.36	**-1.05**			-11.690	-12.316	-11.470	-12.096

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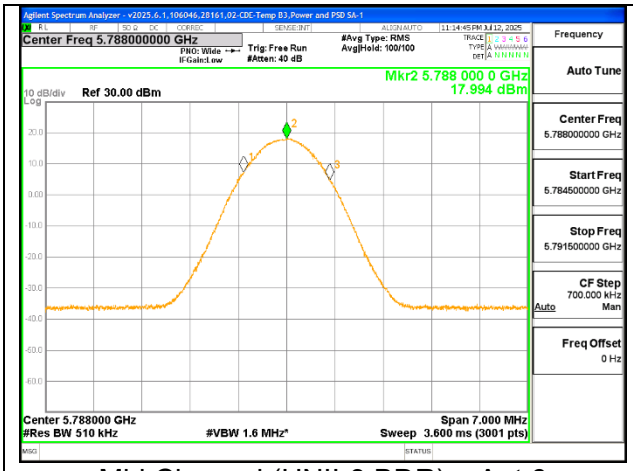
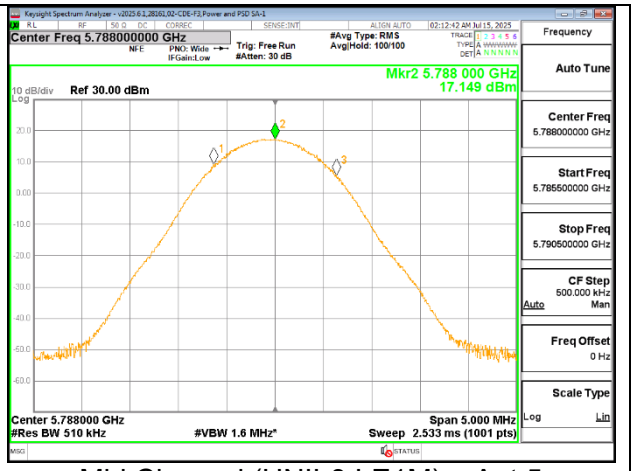
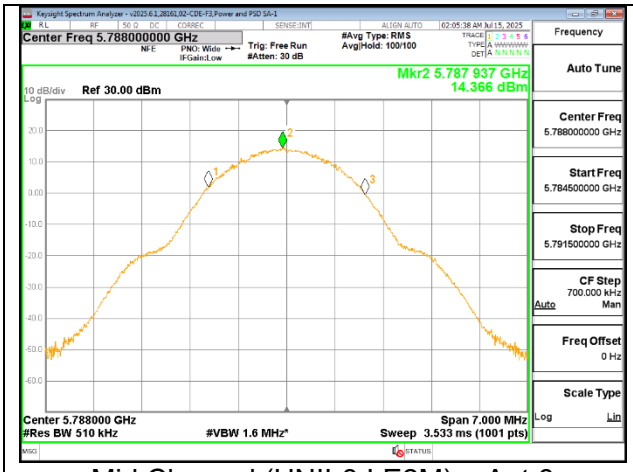


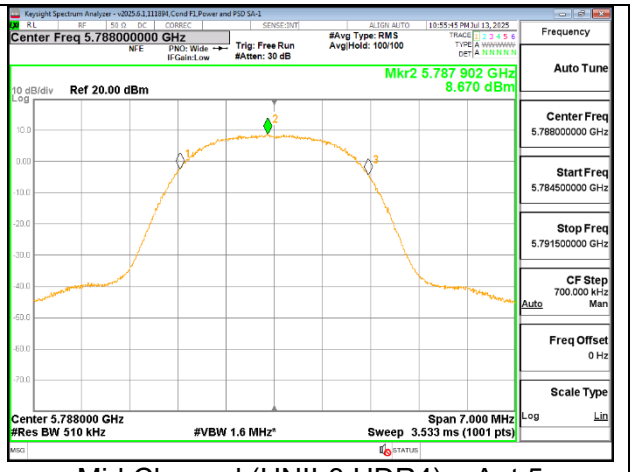
Mid Channel (UNII-3 BDR) – Ant 6



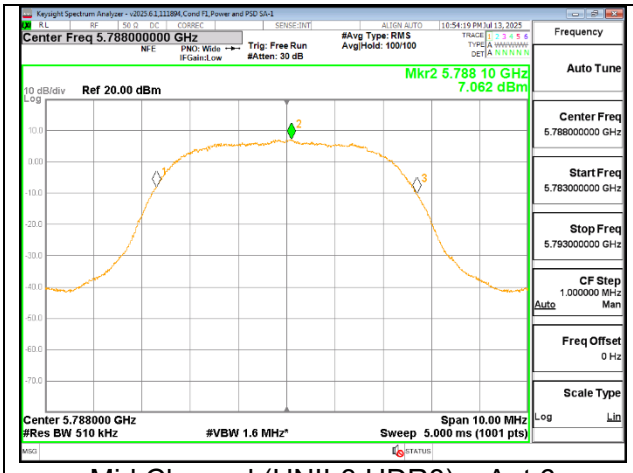
Mid Channel (UNII-3 LE1M) – Ant 5



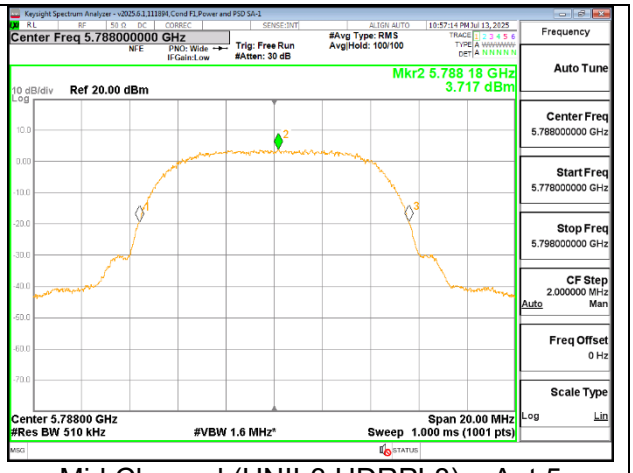
Mid Channel (UNII-3 LE2M) – Ant 6



Mid Channel (UNII-3 HDR4) – Ant 5



Mid Channel (UNII-3 HDR8) – Ant 6



Mid Channel (UNII-3 HDRPL8) – Ant 5

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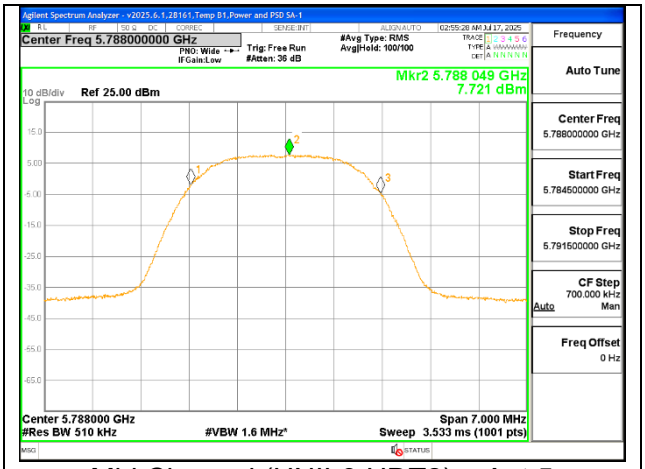

Mid Channel (UNII-3 HDT2) – Ant 5

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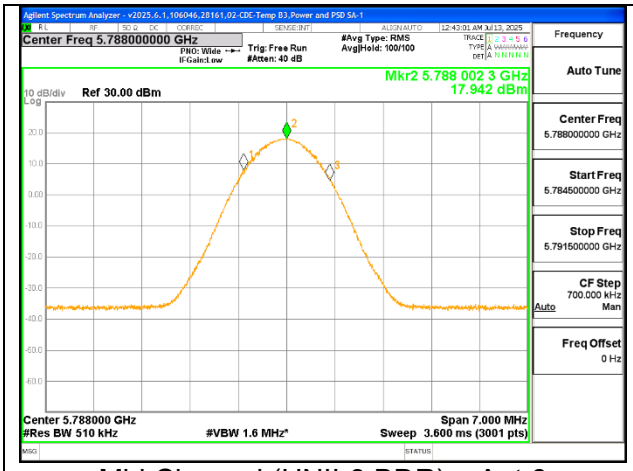
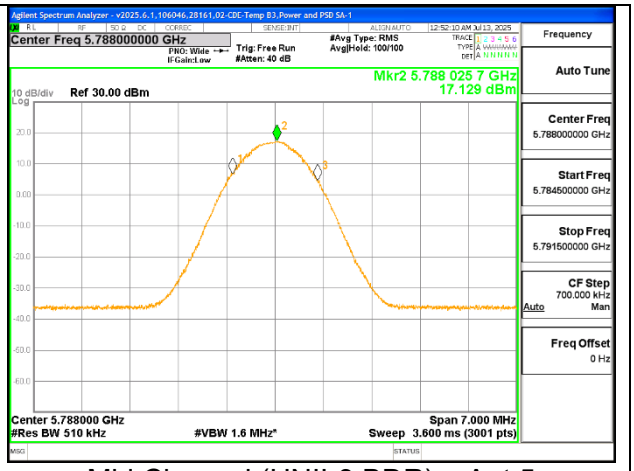
9.4.4. UNII-3 BAND MIMO TXBF MODE

UNII-3 (MIMO BF) (5733- 5844MHz)	
Un-Correlated Gain (dBi)	-1.15
Correlated Gain (dBi)	-1.81

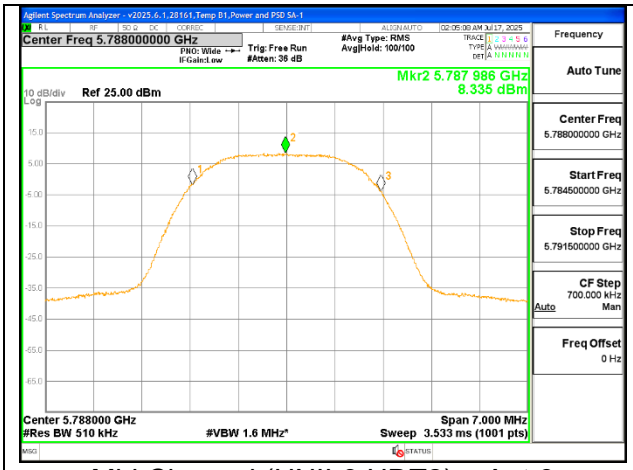
UNII-3 (MIMO BF)	Power Config.	Freq (MHz)	Ch. #	Duty Cycle (dB)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/500kHz)	PSD (dBm/500kHz)		Total MIMO Corrected PSD (dBm/500kHz)
						Ant 6	Ant 5			Ant 6	Ant 5	
BDR	High	5733	Low	1.16	30	19.46	18.74	22.13	30	18.208	17.197	21.902
		5788	Mid			19.48	18.71	22.12		17.942	17.129	21.725
		5844	High			19.48	18.73	**22.13**		18.330	17.300	22.016
	Low	5733	Low			3.74	2.24	**6.06**		2.157	0.540	5.594
		5788	Mid			3.73	2.22	6.05		2.105	0.529	5.558
		5844	High			3.74	2.20	6.05		2.168	0.727	5.677
HDT2	High	5733	Low	0.16		14.38	13.73	17.08		8.668	7.975	11.506
		5788	Mid			14.44	13.68	17.09		8.335	7.812	11.252
		5844	High			14.48	13.71	**17.12**		8.696	7.596	11.351
	Low	5733	Low			0.47	-1.11	2.76		-4.872	-6.363	-2.384
		5788	Mid			0.46	-1.02	**2.79**		-5.332	-6.560	-2.732
		5844	High			0.42	-1.03	2.77		-5.377	-6.542	-2.750
LE1M	High	5733	Low	0.72		19.44	18.74	**22.11**		17.246	16.450	20.597
		5788	Mid			19.44	18.73	22.11		17.141	16.349	20.493
		5844	High			19.47	18.70	22.11		17.415	16.204	20.582
	Low	5733	Low			3.74	2.20	**6.05**		1.667	0.139	4.700
		5788	Mid			3.72	2.22	6.04		1.698	0.567	4.900
		5844	High			3.70	2.24	6.04		1.997	0.664	5.112
LE2M	High	5733	Low	2.52		19.46	18.73	22.12		14.335	13.471	19.455
		5788	Mid			19.46	18.74	**22.13**		14.148	13.445	19.341
		5844	High			19.39	18.74	22.09		13.982	13.700	19.374
	Low	5733	Low			3.74	2.20	**6.05**		-1.565	-2.933	3.335
		5788	Mid			3.72	2.19	6.03		-1.567	-3.049	3.285
		5844	High			3.71	2.20	6.03		-1.268	-3.523	3.280
HDR4	High	5733	Low	1.09		14.45	13.71	**17.11**		9.015	8.178	12.717
		5788	Mid			14.48	13.63	17.09		9.189	8.490	12.954
		5844	High			14.37	13.74	17.08		9.020	8.144	12.704
	Low	5733	Low			0.43	-1.03	2.77		-5.535	-6.936	-2.079
		5788	Mid			0.48	-1.05	2.79		-5.236	-6.906	-1.891
		5844	High			0.49	-1.02	**2.81**		-5.332	-6.774	-1.893
HDR8	High	5733	Low	1.07		14.47	13.74	**17.13**		6.425	6.049	10.321
		5788	Mid			14.49	13.71	17.13		6.591	6.480	10.616
		5844	High			14.37	13.72	17.07		6.244	5.934	10.172
	Low	5733	Low			0.40	-1.02	2.76		-7.736	-9.544	-4.466
		5788	Mid			0.48	-1.05	2.79		-7.796	-9.122	-4.328
		5844	High			0.46	-1.01	**2.80**		-7.709	-9.560	-4.456
HDRPL8	High	5733	Low	0.22		14.47	13.72	17.12		3.589	3.396	6.724
		5788	Mid			14.42	13.70	17.09		3.489	3.221	6.587
		5844	High			14.46	13.74	**17.13**		3.528	3.643	6.816
	Low	5733	Low			0.47	-1.07	**2.78**		-10.126	-11.875	-7.683
		5788	Mid			0.49	-1.10	2.78		-10.230	-11.927	-7.766
		5844	High			0.39	-1.09	2.72		-10.476	-11.954	-7.922



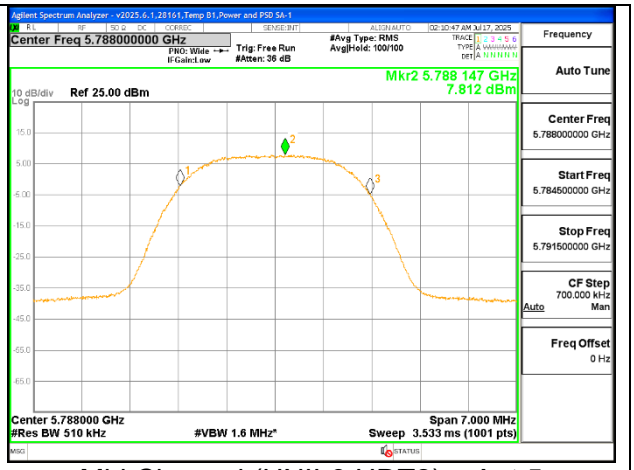
Mid Channel (UNII-3 BDR) – Ant 6



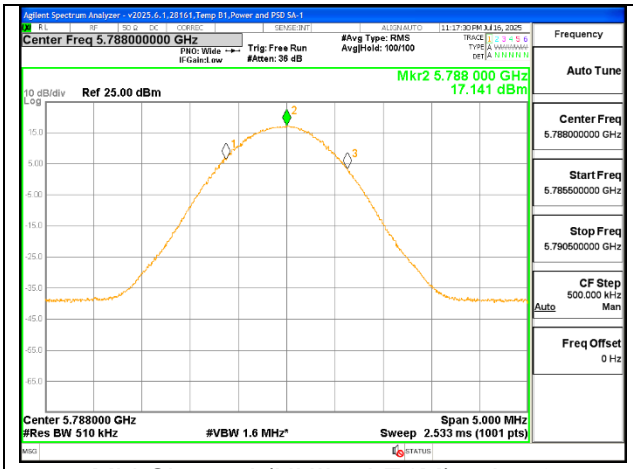
Mid Channel (UNII-3 BDR) – Ant 5



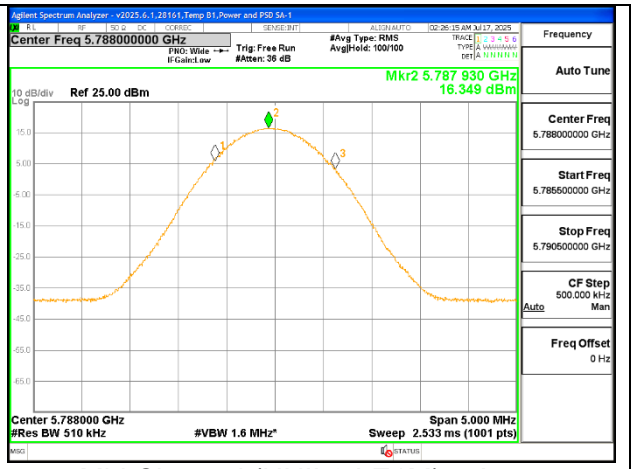
Mid Channel (UNII-3 HDT2) – Ant 6



Mid Channel (UNII-3 HDT2) – Ant 5



Mid Channel (UNII-3 LE1M) – Ant 6



Mid Channel (UNII-3 LE1M) – Ant 5

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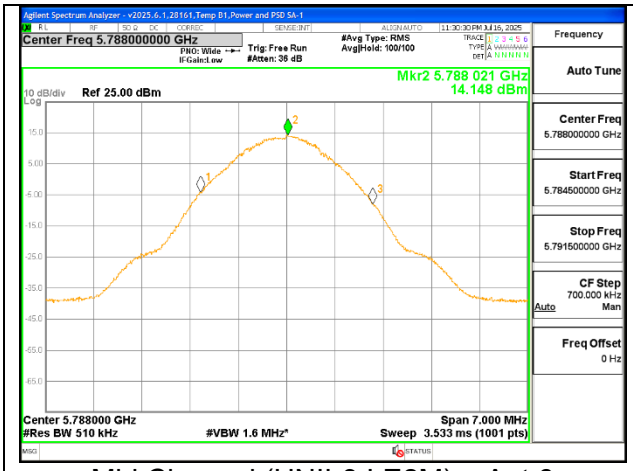

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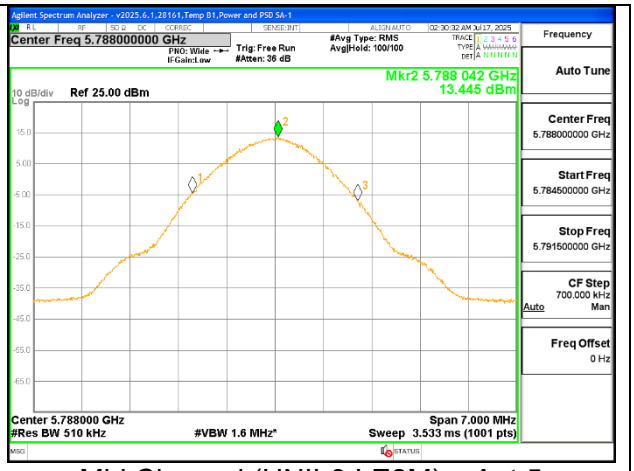
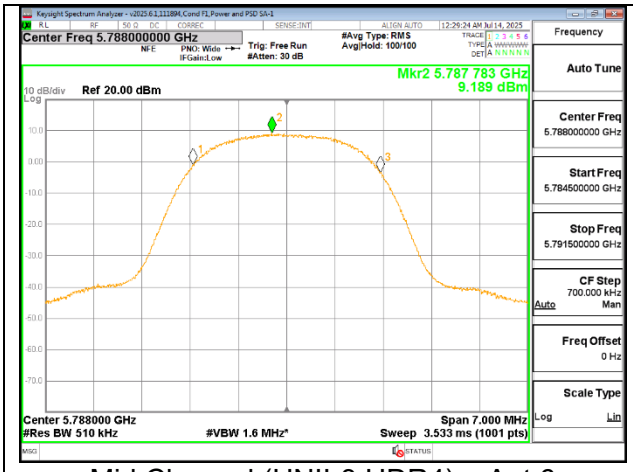
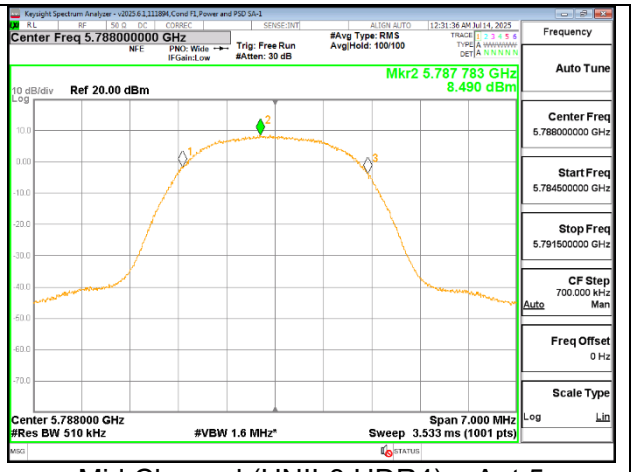


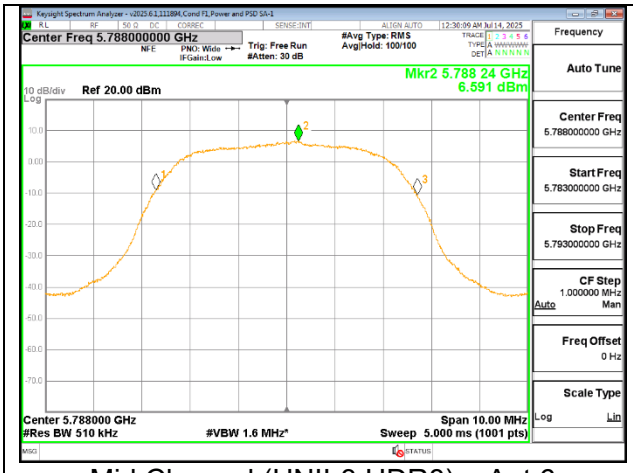
Mid Channel (UNII-3 LE2M) – Ant 5



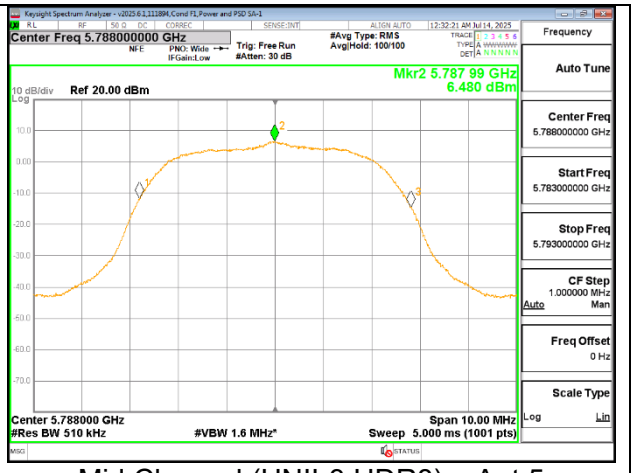
Mid Channel (UNII-3 HDR4) – Ant 6



Mid Channel (UNII-3 HDR4) – Ant 5



Mid Channel (UNII-3 HDR8) – Ant 6



Mid Channel (UNII-3 HDR8) – Ant 5

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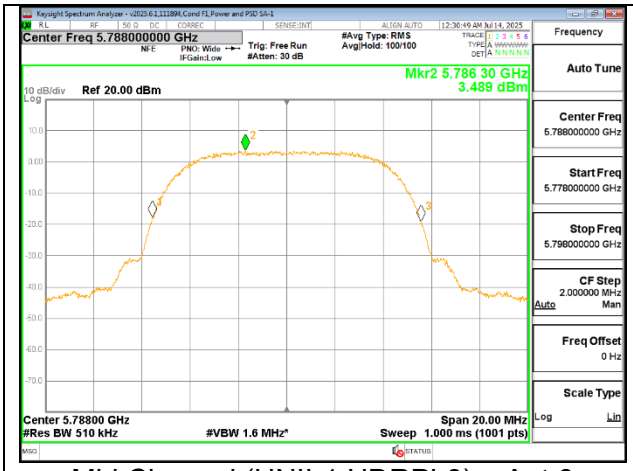
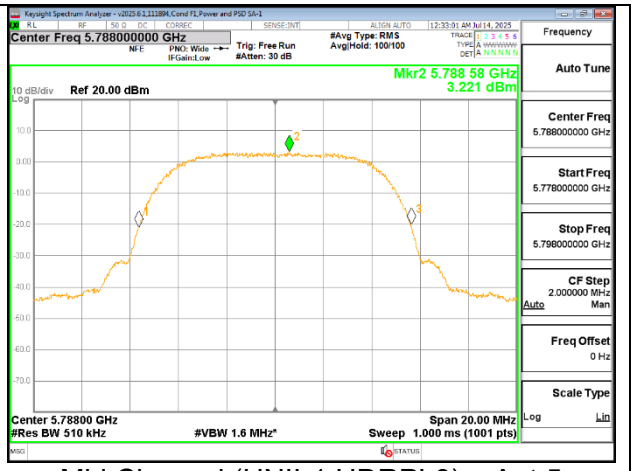


Mid Channel (UNII-1 HDRPL8) – Ant 6



Mid Channel (UNII-1 HDRPL8) – Ant 5

10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209 -Restricted bands
FCC §15.407(b)(1-3) -Un-Restricted bands

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 and 1.5 meters 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 in the 30-1000MHz range, 9kHz for peak and/or quasi-peak detection measurements in the 0.15-30MHz range and 200Hz for peak and/or quasi-peak detection measurements in the 9 to 150kHz range. Peak detection is used unless otherwise noted as quasi-peak or average (9-90kHz and 110-490kHz).

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 30 MHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with highest output power as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 5 GHz bands.

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.

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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

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10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. UNII-1 BAND SISO MODE – BANDEDGE – HIGH POWER

UNII-1 (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5162	6	5.144251	58.79	Pk	34.3	-36.82	0	56.27	-	-	74	-17.73	295	183	H
			5.14964	46.84	RMS	34.3	-36.69	1.16	45.61	54	-8.39	-	-	295	183	H
			5.15	57.05	Pk	34.3	-36.68	0	54.67	-	-	74	-19.33	295	183	H
			5.15	46.16	RMS	34.3	-36.68	1.16	44.94	54	-9.06	-	-	295	183	H
			5.14364	58.72	Pk	34.3	-36.8	0	56.22	-	-	74	-17.78	320	151	V
			5.148501	46.43	RMS	34.3	-36.71	1.16	45.18	54	-8.82	-	-	320	151	V
			5.15	56.34	Pk	34.3	-36.68	0	53.96	-	-	74	-20.04	320	151	V
			5.15	45.13	RMS	34.3	-36.68	1.16	43.91	54	-10.09	-	-	320	151	V
		5	* 5.15	38.42	Pk	34.1	-17.8	0	54.72	-	-	74	-19.28	133	256	H
			* 5.004032	41.04	Pk	34	-17.2	0	57.84	-	-	74	-16.16	133	256	H
			* 5.15	27.84	RMS	34.1	-17.8	1.16	45.3	54	-8.7	-	-	133	256	H
			* 5.004626	29.14	RMS	34	-17.2	1.16	47.1	54	-6.9	-	-	133	256	H
			* 5.15	38.32	Pk	34.1	-17.8	0	54.62	-	-	74	-19.38	112	398	V
			* 5.026128	40.56	Pk	34	-17.1	0	57.46	-	-	74	-16.54	112	398	V
			* 5.15	28.25	RMS	34.1	-17.8	1.16	45.71	54	-8.29	-	-	112	398	V
			* 5.004563	28.97	RMS	34	-17.2	1.16	46.93	54	-7.07	-	-	112	398	V
LE1M	5162	6	5.09739	58.89	Pk	34.3	-36.81	0	56.38	-	-	74	-17.62	309	236	H
			5.138557	47.07	RMS	34.3	-36.72	0.72	45.37	54	-8.63	-	-	309	236	H
			5.15	56.72	Pk	34.3	-36.68	0	54.34	-	-	74	-19.66	309	236	H
			5.15	46.38	RMS	34.3	-36.68	0.72	44.72	54	-9.28	-	-	309	236	H
			5.117084	58.38	Pk	34.3	-36.77	0	55.91	-	-	74	-18.09	314	230	V
			5.122334	46.45	RMS	34.3	-36.66	0.72	44.81	54	-9.19	-	-	314	230	V
			5.15	55.52	Pk	34.3	-36.68	0	53.14	-	-	74	-20.86	314	230	V
			5.15	45.66	RMS	34.3	-36.68	0.72	44	54	-10	-	-	314	230	V
		5	* 5.15	39	Pk	34.5	-24.5	0	49	-	-	74	-25	177	101	H
			* 5.129195	41.62	Pk	34.4	-24.2	0	51.82	-	-	74	-22.18	177	101	H
			* 5.15	28.69	RMS	34.5	-24.5	0.72	39.41	54	-14.59	-	-	177	101	H
			* 5.001444	30.37	RMS	34.3	-24.5	0.72	40.89	54	-13.11	-	-	177	101	H
			* 5.15	38.49	Pk	34.5	-24.5	0	48.49	-	-	74	-25.51	196	362	V
			* 5.007861	42.14	Pk	34.3	-24.5	0	51.94	-	-	74	-22.06	196	362	V
			* 5.15	28.09	RMS	34.5	-24.5	0.72	38.81	54	-15.19	-	-	196	362	V
			* 5.000528	30.33	RMS	34.3	-24.5	0.72	40.85	54	-13.15	-	-	196	362	V
LE2M	5162	6	5.084473	59.25	Pk	34.4	-36.83	0	56.82	-	-	74	-17.18	355	176	H
			5.149279	46.57	RMS	34.3	-36.7	2.52	46.69	54	-7.31	-	-	355	176	H
			5.15	56.45	Pk	34.3	-36.68	0	54.07	-	-	74	-19.93	355	176	H
			5.15	45.99	RMS	34.3	-36.68	2.52	46.13	54	-7.87	-	-	355	176	H
			5.066167	46.6	RMS	34.3	-36.84	2.52	46.58	54	-7.5	-	-	296	205	V
			5.13464	58.65	Pk	34.3	-36.71	0	56.24	-	-	74	-17.76	296	205	V
			5.15	55.54	Pk	34.3	-36.68	0	53.16	-	-	74	-20.84	296	205	V
			5.15	44.87	RMS	34.3	-36.68	2.52	45.01	54	-8.99	-	-	296	205	V
		5	* 5.15	38.48	Pk	34.5	-24.5	0	48.48	-	-	74	-25.52	3	130	H
			* 5.002278	42.38	Pk	34.3	-24.5	0	52.18	-	-	74	-21.82	3	130	H
			* 5.15	28.62	RMS	34.5	-24.5	2.52	41.14	54	-12.86	-	-	3	130	H
			* 5.005583	30.29	RMS	34.3	-24.4	2.52	42.71	54	-11.29	-	-	3	130	H
			* 5.15	39.19	Pk	34.5	-24.5	0	49.19	-	-	74	-24.81	283	107	V
			* 5.000222	41.96	Pk	34.3	-24.4	0	51.86	-	-	74	-22.14	283	107	V
			fafea	28.75	RMS	34.5	-24.5	2.52	41.27	54	-12.73	-	-	283	107	V
			* 5.000306	30.2	RMS	34.3	-24.4	2.52	42.62	54	-11.38	-	-	283	107	V

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

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UNII-1 (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDT2	5162	6	* 5.15	38.96	Pk	34.1	-17.8	0	55.26	-	-	74	-18.74	284	300	H
			* 5.007188	41.86	Pk	34	-17.3	0	58.56	-	-	74	-15.44	284	300	H
			* 5.15	28.43	RMS	34.1	-17.8	0.16	44.89	54	-9.11	-	-	284	300	H
			* 5.003	29.96	RMS	34	-17.3	0.16	46.82	54	-7.18	-	-	284	300	H
			* 5.15	38.83	Pk	34.1	-17.8	0	55.13	-	-	74	-18.87	267	103	V
			* 5.001875	41.48	Pk	34	-17.3	0	58.18	-	-	74	-15.82	267	103	V
			* 5.15	28.75	RMS	34.1	-17.8	0.16	45.21	54	-8.79	-	-	267	103	V
			* 5.004563	29.55	RMS	34	-17.2	0.16	46.51	54	-7.49	-	-	267	103	V
		5	* 5.15	55.69	Pk	34.4	-35.3	0	54.79	-	-	74	-19.21	33	112	H
			* 5.136779	58.15	Pk	34.4	-35.3	0	57.25	-	-	74	-16.75	33	112	H
			* 5.15	45.87	RMS	34.4	-35.3	0.16	45.13	54	-8.87	-	-	33	112	H
			* 5.091167	46.61	RMS	34.2	-35.2	0.16	45.77	54	-8.23	-	-	33	112	H
			* 5.15	57.34	Pk	34.4	-35.3	0	56.44	-	-	74	-17.56	298	124	V
			* 5.132334	58.59	Pk	34.4	-35.2	0	57.79	-	-	74	-16.21	298	124	V
			* 5.15	45.39	RMS	34.4	-35.3	0.16	44.65	54	-9.35	-	-	298	124	V
			* 5.109945	46.28	RMS	34.3	-35.1	0.16	45.64	54	-8.36	-	-	298	124	V
HDR4	5162	6	5.13164	58.68	Pk	34.3	-36.77	0	56.21	-	-	74	-17.79	8	146	H
			5.148835	46.54	RMS	34.3	-36.71	1.09	45.22	54	-8.78	-	-	8	146	H
			5.15	56.5	Pk	34.3	-36.68	0	54.12	-	-	74	-19.88	8	146	H
			5.15	45.66	RMS	34.3	-36.68	1.09	44.37	54	-9.63	-	-	8	146	H
			5.10189	58.53	Pk	34.3	-36.82	0	56.01	-	-	74	-17.99	304	164	V
			5.149918	46.59	RMS	34.3	-36.68	1.09	45.3	54	-8.7	-	-	304	164	V
			5.15	55.63	Pk	34.3	-36.68	0	53.25	-	-	74	-20.75	304	164	V
			5.15	45.09	RMS	34.3	-36.68	1.09	43.8	54	-10.2	-	-	304	164	V
		5	* 5.15	39.14	Pk	34.1	-17.8	0	55.44	-	-	74	-18.56	128	253	H
			* 5.005563	40.41	Pk	34	-17.3	0	57.11	-	-	74	-16.89	128	253	H
			* 5.15	27.8	RMS	34.1	-17.8	1.09	45.19	54	-8.81	-	-	128	253	H
			* 5.00672	29.19	RMS	34	-17.3	1.09	46.98	54	-7.02	-	-	128	253	H
			* 5.15	38.21	Pk	34.1	-17.8	0	54.51	-	-	74	-19.49	110	398	V
			* 5.003907	40.7	Pk	34	-17.3	0	57.4	-	-	74	-16.6	110	398	V
			* 5.15	27.78	RMS	34.1	-17.8	1.09	45.17	54	-8.83	-	-	110	398	V
			* 5.005313	29.22	RMS	34	-17.3	1.09	47.01	54	-6.99	-	-	110	398	V
HDRPM8	5162	6	5.004361	46.92	RMS	34.2	-36.82	0.31	44.61	54	-9.39	-	-	125	193	H
			5.122001	59.39	Pk	34.3	-36.65	0	57.04	-	-	74	-16.96	125	193	H
			5.15	57.03	Pk	34.3	-36.68	0	54.65	-	-	74	-19.35	125	193	H
			5.15	46.04	RMS	34.3	-36.68	0.31	43.97	54	-10.03	-	-	125	193	H
			5.054723	58.76	Pk	34.3	-36.86	0	56.2	-	-	74	-17.8	121	146	V
			5.082056	46.48	RMS	34.4	-36.84	0.31	44.35	54	-9.65	-	-	121	146	V
			5.15	55.6	Pk	34.3	-36.68	0	53.22	-	-	74	-20.78	121	146	V
			5.15	46.1	RMS	34.3	-36.68	0.31	44.03	54	-9.97	-	-	121	146	V
		5	* 5.150	51.06	Pk	34.4	-30.7	0	54.76	-	-	74	-19.24	235	104	H
			* 5.137674	52.86	Pk	34.3	-30.7	0	56.46	-	-	74	-17.54	235	104	H
			* 5.150	40.07	RMS	34.4	-30.7	0.31	44.08	54	-9.92	-	-	235	104	H
			* 5.144612	40.97	RMS	34.4	-30.7	0.31	44.98	54	-9.02	-	-	235	104	H
			* 5.150	50.13	Pk	34.4	-30.7	0	53.83	-	-	74	-20.17	132	101	V
			* 5.137893	52.44	Pk	34.3	-30.7	0	56.04	-	-	74	-17.96	132	101	V
			* 5.150	39.58	RMS	34.4	-30.7	0.31	43.59	54	-10.41	-	-	132	101	V
			* 5.002344	41.06	RMS	34.1	-30.8	0.31	44.67	54	-9.33	-	-	132	101	V
XHDRPM16	5162	6	5.004944	46.86	RMS	34.2	-36.8	0.6	44.86	54	-9.14	-	-	123	178	H
			5.143723	59.16	Pk	34.3	-36.81	0	56.65	-	-	74	-17.35	123	178	H
			5.15	56.6	Pk	34.3	-36.68	0	54.22	-	-	74	-19.78	123	178	H
			5.15	45.2	RMS	34.3	-36.68	0.6	43.42	54	-10.58	-	-	123	178	H
			5.132696	46.29	RMS	34.3	-36.73	0.6	44.46	54	-9.54	-	-	117	104	V
			5.136696	58.76	Pk	34.3	-36.69	0	56.37	-	-	74	-17.63	117	104	V
			5.15	56.1	Pk	34.3	-36.68	0	53.72	-	-	74	-20.28	117	104	V
			5.15	45.23	RMS	34.3	-36.68	0.6	43.45	54	-10.55	-	-	117	104	V
		5	* 5.150	51.25	Pk	34.4	-30.7	0	54.95	-	-	74	-19.05	69	114	H
			* 5.12336	52.81	Pk	34.3	-30.7	0	56.41	-	-	74	-17.59	69	114	H
			* 5.150	40.82	RMS	34.4	-30.7	0.6	45.12	54	-8.88	-	-	69	114	H
			* 5.149988	41.25	RMS	34.4	-30.7	0.6	45.55	54	-8.45	-	-	69	114	H
			* 5.150	50.71	Pk	34.4	-30.7	0	54.41	-	-	74	-19.59	292	361	V
			* 5.11464	53.72	Pk	34.3	-30.7	0	57.32	-	-	74	-16.68	292	361	V
			* 5.150	40.07	RMS	34.4	-30.7	0.6	44.37	54	-9.63	-	-	292	361	V
			* 5.002813	41.44	RMS	34.1	-30.8	0.6	45.34	54	-8.66	-	-	292	361	V

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

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UNII-1 (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDRPL8	5164	6	5.149696	53.12	RMS	34.3	-36.69	0.22	50.95	54	-3.05	-	-	126	281	H
			5.149723	64.49	Pk	34.3	-36.69	0	62.1	-	-	74	-11.9	126	281	H
			5.15	64.37	Pk	34.3	-36.68	0	61.99	-	-	74	-12.01	126	281	H
			5.15	52.51	RMS	34.3	-36.68	0.22	50.35	54	-3.65	-	-	126	281	H
			5.149779	48.23	RMS	34.3	-36.69	0.22	46.06	54	-7.94	-	-	117	261	V
			5.149807	60.08	Pk	34.3	-36.69	0	57.69	-	-	74	-16.31	117	261	V
			5.15	60.05	Pk	34.3	-36.68	0	57.67	-	-	74	-16.33	117	261	V
			5.15	47.37	RMS	34.3	-36.68	0.22	45.21	54	-8.79	-	-	117	261	V
		5	* 5.15	60.9	Pk	34.4	-35.3	0	60	-	-	74	-14	31	112	H
			* 5.149473	61.22	Pk	34.4	-35.2	0	60.42	-	-	74	-13.58	31	112	H
			* 5.15	48.01	RMS	34.4	-35.3	0.22	47.33	54	-6.67	-	-	31	112	H
			* 5.149612	48.84	RMS	34.4	-35.2	0.22	48.26	54	-5.74	-	-	31	112	H
			* 5.15	58.05	Pk	34.4	-35.3	0	57.15	-	-	74	-16.85	353	304	V
			* 5.094917	58.56	Pk	34.2	-35.2	0	57.56	-	-	74	-16.44	353	304	V
			* 5.15	46.78	RMS	34.4	-35.3	0.22	46.1	54	-7.9	-	-	353	304	V
			* 5.149946	46.94	RMS	34.4	-35.3	0.22	46.26	54	-7.74	-	-	353	304	V

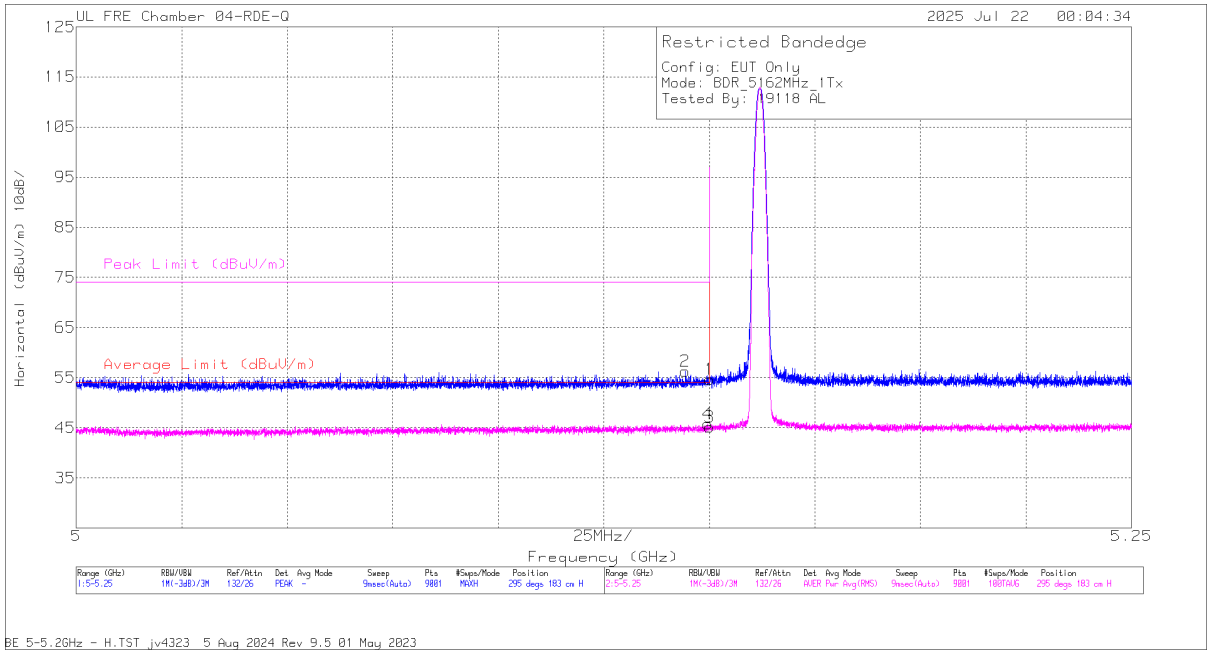
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA TEL:(510) 319-4000 FAX:(510) 661-0888

1TX Antenna 6

BANDEDGE (LOW CHANNEL)

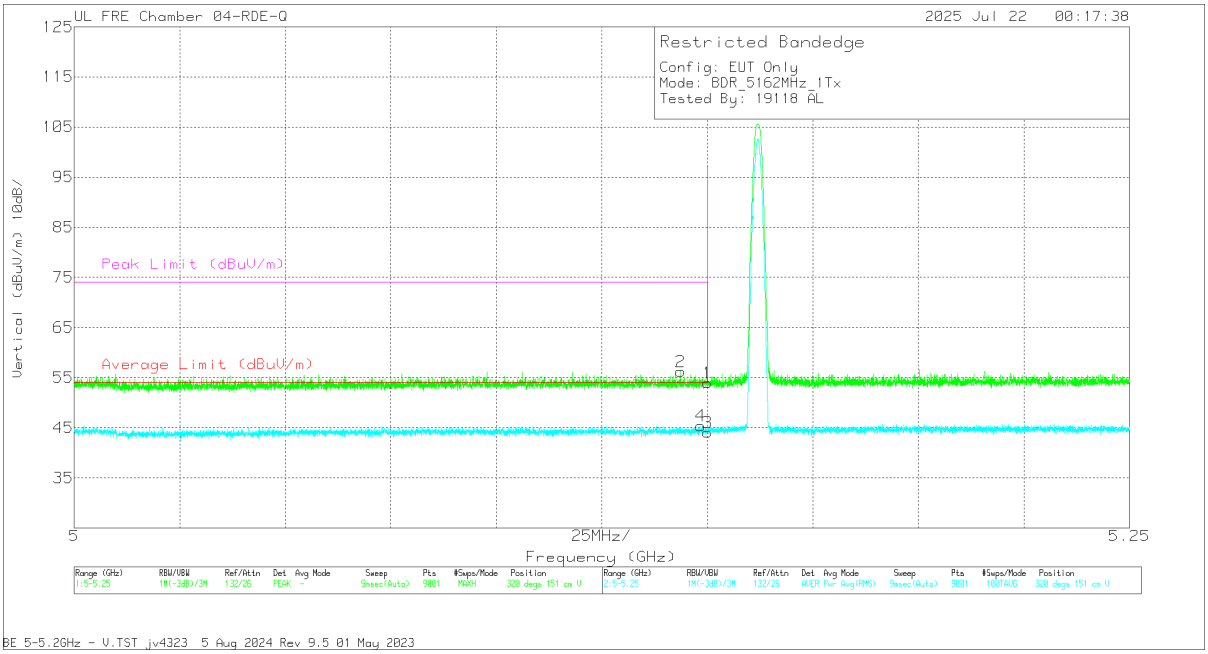
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.144251	58.79	Pk	34.3	0	-36.82	56.27	-	-	74	-17.73	295	183	H
4	5.14964	46.84	RMS	34.3	1.16	-36.69	45.61	54	-8.39	-	-	295	183	H
1	5.15	57.05	Pk	34.3	0	-36.68	54.67	-	-	74	-19.33	295	183	H
3	5.15	46.16	RMS	34.3	1.16	-36.68	44.94	54	-9.06	-	-	295	183	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	222741 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.14364	58.72	Pk	34.3	0	-36.8	56.22	-	-	74	-17.78	320	151	V
4	5.148501	46.43	RMS	34.3	1.16	-36.71	45.18	54	-8.82	-	-	320	151	V
1	5.15	56.34	Pk	34.3	0	-36.68	53.96	-	-	74	-20.04	320	151	V
3	5.15	45.13	RMS	34.3	1.16	-36.68	43.91	54	-10.09	-	-	320	151	V

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

10.1.2. UNII-1 BAND MIMO TXBF MODE – BANDEDGE – HIGH POWER

UNII-1 (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5162	6 + 5	5.128001	48.28	RMS	34	-38.52	1.16	44.92	54	-9.08	-	-	9	104	H
			5.143557	59.9	Pk	34	-38.49	0	55.41	-	-	74	-18.59	9	104	H
			5.15	59.25	Pk	34	-38.51	0	54.74	-	-	74	-19.26	9	104	H
			5.15	47.49	RMS	34	-38.51	1.16	44.14	54	-9.86	-	-	9	104	H
			5.001056	48.59	RMS	33.9	-38.62	1.16	45.03	54	-8.97	-	-	107	107	V
			5.009139	60.32	Pk	33.9	-38.57	0	55.65	-	-	74	-18.35	107	107	V
			5.15	57.87	Pk	34	-38.51	0	53.36	-	-	74	-20.64	107	107	V
			5.15	47	RMS	34	-38.51	1.16	43.65	54	-10.35	-	-	107	107	V
LE1M	5162	6 + 5	* 5.15	38.73	Pk	34.1	-17.8	0	55.03	-	-	74	-18.97	36	289	H
			* 5.009189	41.22	Pk	34	-17.2	0	58.02	-	-	74	-15.98	36	289	H
			* 5.15	28.07	RMS	34.1	-17.8	0.72	45.09	54	-8.91	-	-	36	289	H
			* 5.008126	29.57	RMS	34	-17.3	0.72	46.99	54	-7.01	-	-	36	289	H
			* 5.15	39.19	Pk	34.1	-17.8	0	55.49	-	-	74	-18.51	287	113	V
			* 5.024316	41.42	Pk	34	-17.1	0	58.32	-	-	74	-15.68	287	113	V
			* 5.15	28.41	RMS	34.1	-17.8	0.72	45.43	54	-8.57	-	-	287	113	V
			* 5.002094	29.62	RMS	34	-17.3	0.72	47.04	54	-6.96	-	-	287	113	V
LE2M	5162	6 + 5	* 5.15	39.15	Pk	34.1	-17.8	0	55.45	-	-	74	-18.55	41	146	H
			* 5.003344	41.78	Pk	34	-17.3	0	58.48	-	-	74	-15.52	41	146	H
			* 5.15	28.33	RMS	34.1	-17.8	2.52	47.15	54	-6.85	-	-	41	146	H
			* 5.004719	29.65	RMS	34	-17.2	2.52	48.97	54	-5.03	-	-	41	146	H
			* 5.15	39.18	Pk	34.1	-17.8	0	55.48	-	-	74	-18.52	287	237	V
			* 5.00672	41.61	Pk	34	-17.3	0	58.31	-	-	74	-15.69	287	237	V
			* 5.15	28.38	RMS	34.1	-17.8	2.52	47.2	54	-6.8	-	-	287	237	V
			* 5.009845	29.68	RMS	34	-17.2	2.52	49	54	-5	-	-	287	237	V
HDT2	5162	6 + 5	* 5.15	38.95	Pk	34.1	-17.8	0	55.25	-	-	74	-18.75	43	132	H
			* 5.005313	42.07	Pk	34	-17.3	0	58.77	-	-	74	-15.23	43	132	H
			* 5.15	28.33	RMS	34.1	-17.8	0.16	44.79	54	-9.21	-	-	43	132	H
			* 5.005626	29.66	RMS	34	-17.3	0.16	46.52	54	-7.48	-	-	43	132	H
			* 5.15	38.95	Pk	34.1	-17.8	0	55.25	-	-	74	-18.75	292	107	V
			* 5.003876	41.33	Pk	34	-17.3	0	58.03	-	-	74	-15.97	292	107	V
			* 5.15	27.8	RMS	34.1	-17.8	0.16	44.26	54	-9.74	-	-	292	107	V
			* 5.006657	29.42	RMS	34	-17.3	0.16	46.28	54	-7.72	-	-	292	107	V
HDR4	5162	6 + 5	5.003528	48.66	RMS	33.9	-38.64	1.09	45.01	54	-8.99	-	-	5	111	H
			5.145696	60.33	Pk	34	-38.54	0	55.79	-	-	74	-18.21	5	111	H
			5.15	56.77	Pk	34	-38.51	0	52.26	-	-	74	-21.74	5	111	H
			5.15	47.09	RMS	34	-38.51	1.09	43.67	54	-10.33	-	-	5	111	H
			5.009278	48.57	RMS	33.9	-38.59	1.09	44.97	54	-9.03	-	-	225	109	V
			5.143001	60.81	Pk	34	-38.48	0	56.33	-	-	74	-17.67	225	109	V
			5.15	57.38	Pk	34	-38.51	0	52.87	-	-	74	-21.13	225	109	V
			5.15	47.14	RMS	34	-38.51	1.09	43.72	54	-10.28	-	-	225	109	V
HDRPM8	5162	6 + 5	* 5.15	51.61	Pk	34.5	-35.4	0	50.71	-	-	74	-23.29	281	135	H
			* 5.141393	54.7	Pk	34.4	-35.4	0	53.7	-	-	74	-20.3	281	135	H
			* 5.15	41.16	RMS	34.5	-35.4	0.31	40.57	54	-13.43	-	-	281	135	H
			* 5.148206	41.76	RMS	34.5	-35.4	0.31	41.17	54	-12.83	-	-	281	135	H
			* 5.15	52.03	Pk	34.5	-35.4	0	51.13	-	-	74	-22.87	15	141	V
			* 5.100857	54.28	Pk	34.4	-35.6	0	53.08	-	-	74	-20.92	15	141	V
			* 5.15	40.91	RMS	34.5	-35.4	0.31	40.32	54	-13.68	-	-	15	141	V
			* 5.128454	42.01	RMS	34.4	-35.4	0.31	41.32	54	-12.68	-	-	15	141	V
XHDRPM16	5162	6 + 5	* 5.15	51.71	Pk	34.5	-35.4	0	50.81	-	-	74	-23.19	311	110	H
			* 5.080104	54.34	Pk	34.3	-35.5	0	53.14	-	-	74	-20.86	311	110	H
			* 5.15	40.78	RMS	34.5	-35.4	0.6	40.48	54	-13.52	-	-	311	110	H
			* 5.139018	41.54	RMS	34.4	-35.4	0.6	41.14	54	-12.86	-	-	311	110	H
			* 5.15	51.03	Pk	34.5	-35.4	0	50.13	-	-	74	-23.87	18	119	V
			* 5.123453	53.81	Pk	34.4	-35.5	0	52.71	-	-	74	-21.29	18	119	V
			* 5.15	40.48	RMS	34.5	-35.4	0.6	40.18	54	-13.82	-	-	18	119	V
			* 5.148457	41.58	RMS	34.5	-35.4	0.6	41.28	54	-12.72	-	-	18	119	V
HDRPL8	5164	6 + 5	* 5.15	39.02	Pk	34.1	-17.8	0	55.32	-	-	74	-18.68	327	208	H
			* 5	41.42	Pk	34	-17.3	0	58.12	-	-	74	-15.88	327	208	H
			* 5.15	28.63	RMS	34.1	-17.8	0.22	45.15	54	-8.85	-	-	327	208	H
			* 5.000156	29.51	RMS	34	-17.3	0.22	46.43	54	-7.57	-	-	327	208	H
			* 5.15	40.23	Pk	34.1	-17.8	0	56.53	-	-	74	-17.47	269	145	V
			* 5.003907	41.02	Pk	34	-17.3	0	57.72	-	-	74	-16.28	269	145	V
			* 5.15	28.85	RMS	34.1	-17.8	0.22	45.37	54	-8.63	-	-	269	145	V
			* 5.005251	29.43	RMS	34	-17.3	0.22	46.35	54	-7.65	-	-	269	145	V

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

UL VERIFICATION SERVICES INC.
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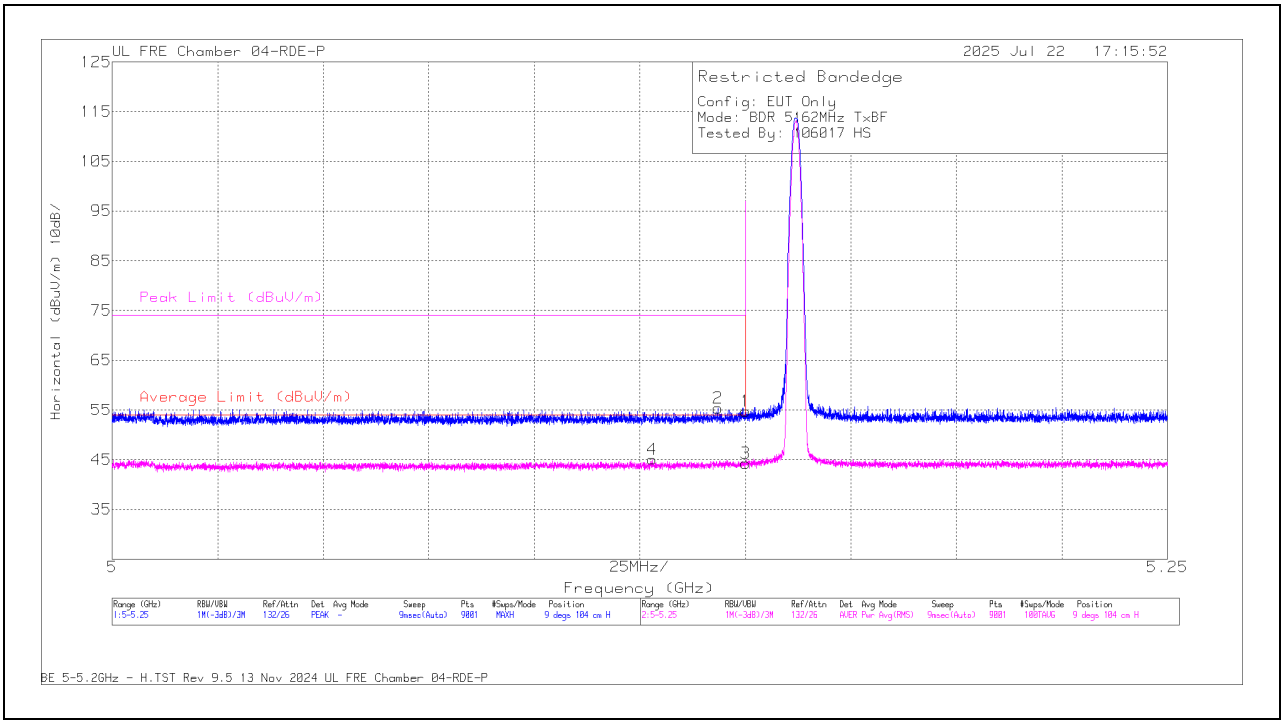
2TX Antenna 6 + Antenna 5 TX BF MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.128001	48.28	RMS	34	1.16	-38.52	44.92	54	-9.08	-	-	9	104	H
2	5.143557	59.9	Pk	34	0	-38.49	55.41	-	-	74	-18.59	9	104	H
1	5.15	59.25	Pk	34	0	-38.51	54.74	-	-	74	-19.26	9	104	H
3	5.15	47.49	RMS	34	1.16	-38.51	44.14	54	-9.86	-	-	9	104	H

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

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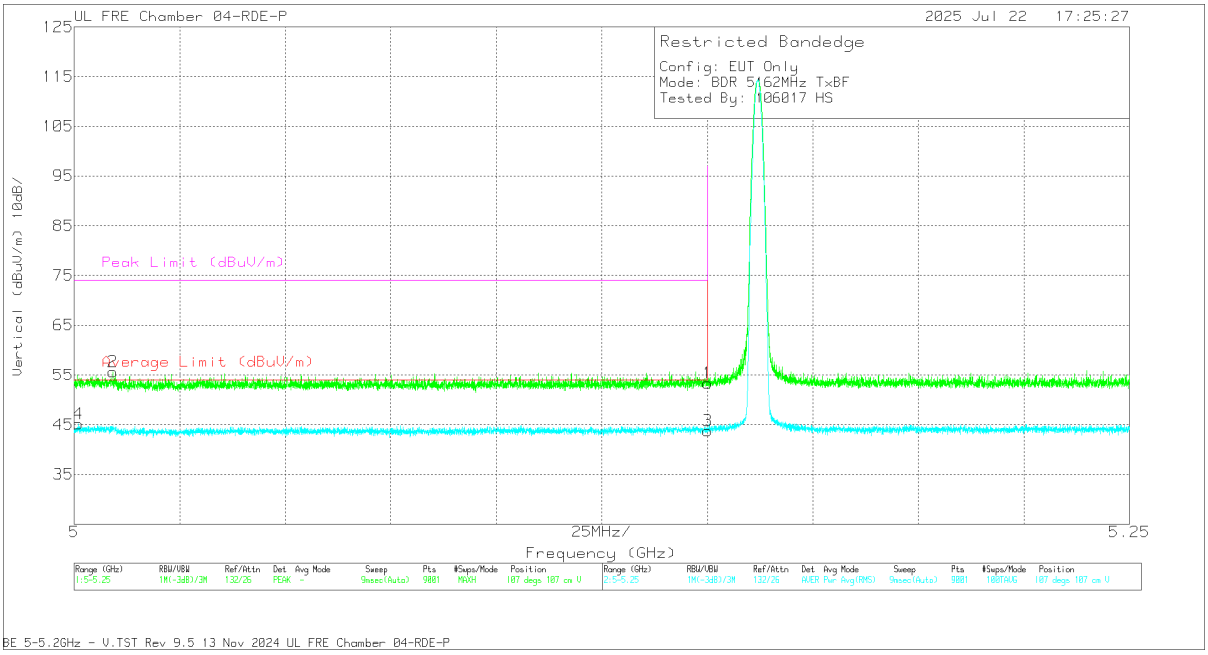
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.001056	48.59	RMS	33.9	1.16	-38.62	45.03	54	-8.97	-	-	107	107	V
2	5.009139	60.32	Pk	33.9	0	-38.57	55.65	-	-	74	-18.35	107	107	V
1	5.15	57.87	Pk	34	0	-38.51	53.36	-	-	74	-20.64	107	107	V
3	5.15	47	RMS	34	1.16	-38.51	43.65	54	-10.35	-	-	107	107	V

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

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA TEL:(510) 319-4000 FAX:(510) 661-0888

10.1.3. UNII-1 MIMO TXBF BAND – SPURIOUS EMISSIONS – HIGH POWER

UNII-1 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5162	6 + 5	* 4.047654	44.92	ADR	33.4	-46.1	1.16	33.38	54	-20.62	-	-	180	269	H
			* 4.048838	44.78	ADR	33.4	-46.1	1.16	33.24	54	-20.76	-	-	138	226	V
			* 4.066265	56.51	PK-U	33.4	-46.1	0	43.81	-	-	74	-30.19	138	226	V
			* 4.073794	56.33	PK-U	33.4	-46.3	0	43.43	-	-	74	-30.57	180	269	H
			* 7.712609	41.03	ADR	35.8	-41.9	1.16	36.09	54	-17.91	-	-	113	384	V
			* 7.714784	41.06	ADR	35.8	-42	1.16	36.02	54	-17.98	-	-	99	167	H
			* 7.71814	52.43	PK-U	35.8	-42.2	0	46.03	-	-	74	-27.97	99	167	H
			* 7.718654	52.9	PK-U	35.8	-42.2	0	46.5	-	-	74	-27.5	113	384	V
			10.022294	53.1	PK-U	37.3	-41.6	0	48.8	-	-	68.2	-19.4	248	247	H
			10.024751	53.39	PK-U	37.3	-41.4	0	49.29	-	-	68.2	-18.91	224	205	V
			9.990533	41.89	ADR	37.3	-41.5	1.16	38.85	-	-	-	-	224	205	V
			9.996223	41.68	ADR	37.3	-41.4	1.16	38.74	-	-	-	-	248	247	H
	5203	6 + 5	* 3.852542	55.43	PK-U	33.5	-45.5	0	43.43	-	-	74	-30.57	207	127	V
			* 3.860895	44.08	ADR	33.5	-45.6	1.16	33.14	54	-20.86	-	-	207	127	V
			* 3.872854	56.74	PK-U	33.5	-45.3	0	44.94	-	-	74	-29.06	257	237	H
			* 3.877761	44.06	ADR	33.5	-45.3	1.16	33.42	54	-20.58	-	-	257	237	H
			* 7.30568	53.08	PK-U	35.8	-42.8	0	46.08	-	-	74	-27.92	210	199	V
			* 7.321173	41.45	ADR	35.7	-42.7	1.16	35.61	54	-18.39	-	-	210	199	V
			* 7.32484	41.41	ADR	35.7	-42.8	1.16	35.47	54	-18.53	-	-	100	351	H
			* 7.335435	53.59	PK-U	35.7	-42.7	0	46.59	-	-	74	-27.41	100	351	H
			9.548611	41.84	ADR	36.7	-41.8	1.16	37.9	-	-	-	-	20	206	H
			9.551322	53.09	PK-U	36.7	-41.7	0	48.09	-	-	68.2	-20.11	20	206	H
			9.588229	41.4	ADR	36.7	-41.6	1.16	37.66	-	-	-	-	58	135	V
			9.599651	52.95	PK-U	36.8	-41.9	0	47.85	-	-	68.2	-20.35	58	135	V
	5245	6 + 5	* 3.827587	44.45	ADR	33.5	-45.5	1.16	33.61	54	-20.39	-	-	331	173	H
			* 3.827644	44.5	ADR	33.5	-45.5	1.16	33.66	54	-20.34	-	-	134	237	V
			* 3.828771	56.04	PK-U	33.5	-45.5	0	44.04	-	-	74	-29.96	134	237	V
			* 3.830387	56.15	PK-U	33.5	-45.5	0	44.15	-	-	74	-29.85	331	173	H
			* 7.605029	41.33	ADR	35.8	-42.6	1.16	35.69	54	-18.31	-	-	48	200	V
			* 7.605104	52.99	PK-U	35.8	-42.6	0	46.19	-	-	74	-27.81	48	200	V
			* 7.652905	52.81	PK-U	35.8	-41.9	0	46.71	-	-	74	-27.29	282	264	H
			* 7.655656	41.11	ADR	35.8	-41.9	1.16	36.17	54	-17.83	-	-	282	264	H
			9.790178	41.54	ADR	37	-41.9	1.16	37.8	-	-	-	-	354	173	V
			9.802559	53.52	PK-U	37	-41.8	0	48.72	-	-	68.2	-19.48	332	292	H
			9.804565	53.13	PK-U	37	-41.8	0	48.33	-	-	68.2	-19.87	354	173	V
			9.806083	41.55	ADR	37	-41.8	1.16	37.91	-	-	-	-	332	292	H
LE1M	5162	6 + 5	2.656257	60.44	PK-U	32.6	-49.54	0	43.5	-	-	74	-30.5	53	399	H
			2.658537	48.49	ADR	32.7	-49.52	0.72	32.39	54	-21.61	-	-	53	399	H
			2.661286	60.25	PK-U	32.7	-49.52	0	43.43	-	-	74	-30.57	119	175	V
			2.664579	48.33	ADR	32.7	-49.52	0.72	32.23	54	-21.77	-	-	119	175	V
			11.939289	54.05	PK-U	39	-43.51	0	49.54	-	-	74	-24.46	199	171	H
			11.954115	42.55	ADR	39	-43.8	0.72	38.47	54	-15.53	-	-	199	171	H
			16.136322	53.32	PK-U	40.8	-42.25	0	51.87	-	-	74	-22.13	30	147	H
			16.145673	41.27	ADR	40.8	-42.1	0.72	40.69	54	-13.31	-	-	30	147	H
			11.942075	54.28	PK-U	39	-43.52	0	49.76	-	-	74	-24.24	8	385	V
			11.938861	42.83	ADR	39	-43.51	0.72	39.04	54	-14.96	-	-	8	385	V
			16.153555	53.57	PK-U	40.8	-41.94	0	52.43	-	-	74	-21.57	292	185	V
			16.145417	41.68	ADR	40.8	-42.11	0.72	41.09	54	-12.91	-	-	292	185	V
	5203	6 + 5	2.661408	60.3	PK-U	32.7	-49.52	0	43.48	-	-	74	-30.52	32	371	H
			2.662602	48.55	ADR	32.7	-49.52	0.72	32.45	54	-21.55	-	-	32	371	H
			2.662043	60.22	PK-U	32.7	-49.51	0	43.41	-	-	74	-30.59	16	368	V
			2.662563	48.43	ADR	32.7	-49.52	0.72	32.33	54	-21.67	-	-	16	368	V
			12.207245	54.79	PK-U	38.9	-43.74	0	49.95	-	-	74	-24.05	234	339	H
			12.185018	43.47	ADR	39	-43.81	0.72	39.38	54	-14.62	-	-	234	339	H
			15.970718	54.61	PK-U	41.1	-42.03	0	53.68	-	-	74	-20.32	234	200	H
			15.981989	42.64	ADR	41.1	-42.15	0.72	42.31	54	-11.69	-	-	234	200	H
			12.189965	55.25	PK-U	39	-43.79	0	50.46	-	-	74	-23.54	318	226	V
			12.19401	43.54	ADR	39	-43.73	0.72	39.53	54	-14.47	-	-	318	226	V
			15.977143	54.25	PK-U	41.1	-42.14	0	53.21	-	-	74	-20.79	26	255	V
			15.975308	43.07	ADR	41.1	-42.13	0.72	42.76	54	-11.24	-	-	26	255	V
	5245	6 + 5	2.67412	60.09	PK-U	32.7	-49.51	0	43.28	-	-	74	-30.72	134	336	H
			2.665273	48.44	ADR	32.7	-49.52	0.72	32.34	54	-21.66	-	-	134	336	H
			2.662524	60.15	PK-U	32.7	-49.52	0	43.33	-	-	74	-30.67	58	285	V
			2.663377	48.46	ADR	32.7	-49.52	0.72	32.36	54	-21.64	-	-	58	285	V
			11.829538	55.12	PK-U	38.8	-44.03	0	49.89	-	-	74	-24.11	34	358	H
			11.843858	43.26	ADR	38.8	-43.76	0.72	39.02	54	-14.98	-	-	34	358	H
			16.406148	54.64	PK-U	40.5	-42.54	0	52.6	-	-	68.2	-15.6	218	368	H
			16.425784	42.89	ADR	40.5	-42.29	0.72	41.82	-	-	-	-	218	368	H
			11.82168	55.18	PK-U	38.8	-44.1	0	49.88	-	-	74	-24.12	314	212	V
			11.833351	43.35	ADR	38.8	-44.08	0.72	38.79	54	-15.21	-	-	314	212	V
			16.394488	54.78	PK-U	40.5	-42.58	0	52.7	-	-	68.2	-15.5	310	296	V
			16.424648	43.6	ADR	40.5	-42.28	0.72	42.54	-	-	-	-	310	296	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA TEL:(510) 319-4000 FAX:(510) 661-0888

UNII-1 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE2M	5162	6 + 5	* 12.174139	52.38	PK-U	38.9	-40.2	0	51.08	-	-	74	-22.92	360	101	H
			* 12.183717	40.51	ADR	38.9	-40.2	2.52	41.73	54	-12.27	-	-	360	101	H
			* 12.184578	40.56	ADR	38.9	-40.1	2.52	41.88	54	-12.12	-	-	360	101	V
			* 12.185543	52.55	PK-U	38.9	-39.9	0	51.55	-	-	74	-22.45	360	101	V
			* 4.668831	44.1	ADR	34.1	-45.4	2.52	35.32	54	-18.68	-	-	360	101	V
			* 4.669037	56.68	PK-U	34.1	-45.4	0	45.38	-	-	74	-28.62	360	101	V
			* 4.669377	56.04	PK-U	34.1	-45.4	0	44.74	-	-	74	-29.26	360	101	H
			* 4.669924	43.98	ADR	34.1	-45.4	2.52	35.2	54	-18.8	-	-	360	101	H
			* 8.156671	53.2	PK-U	35.9	-42.1	0	47	-	-	74	-27	360	101	V
			* 8.161332	52.83	PK-U	35.9	-42.1	0	46.63	-	-	74	-27.37	360	101	H
			* 8.184045	41.41	ADR	35.9	-42.1	2.52	37.73	54	-16.27	-	-	360	101	V
			* 8.184909	41.42	ADR	35.9	-42	2.52	37.84	54	-16.16	-	-	360	101	H
	5203	6 + 5	* 11.869084	52.09	PK-U	38.6	-40.4	0	50.29	-	-	74	-23.71	360	101	H
			* 11.883035	40.39	ADR	38.6	-40.4	2.52	41.11	54	-12.89	-	-	360	101	H
			* 11.885456	51.88	PK-U	38.6	-40.2	0	50.28	-	-	74	-23.72	360	101	V
			* 11.896398	40.41	ADR	38.6	-40.3	2.52	41.23	54	-12.77	-	-	360	101	V
			* 3.7573	44.5	ADR	33.4	-45.8	2.52	34.62	54	-19.38	-	-	360	101	V
			* 3.76496	55.95	PK-U	33.4	-45.6	0	43.75	-	-	74	-30.25	360	101	V
			* 3.765967	55.75	PK-U	33.4	-45.6	0	43.55	-	-	74	-30.45	360	101	H
			* 3.768134	44.43	ADR	33.4	-45.6	2.52	34.75	54	-19.25	-	-	360	101	H
			* 7.451082	41.19	ADR	35.7	-42.7	2.52	36.71	54	-17.29	-	-	360	101	V
			* 7.452226	53.49	PK-U	35.7	-42.6	0	46.59	-	-	74	-27.41	360	101	H
			* 7.464877	53.34	PK-U	35.7	-42.6	0	46.44	-	-	74	-27.56	360	101	V
			* 7.465102	41.21	ADR	35.7	-42.6	2.52	36.83	54	-17.17	-	-	360	101	H
	5245	6 + 5	2.552674	60.68	PK-U	32.4	-49.71	0	43.37	-	-	68.2	-24.83	63	246	H
			2.555001	48.69	ADR	32.4	-49.71	2.52	33.9	-	-	-	-	63	246	H
			2.543947	60.63	PK-U	32.4	-49.73	0	43.3	-	-	68.2	-24.9	11	295	V
			2.549014	48.83	ADR	32.4	-49.7	2.52	34.05	-	-	-	-	11	295	V
			11.850518	55.46	PK-U	38.8	-43.76	0	50.5	-	-	74	-23.5	209	227	H
			11.821025	43.35	ADR	38.8	-44.07	2.52	40.6	54	-13.4	-	-	209	227	H
			16.35647	54.02	PK-U	40.4	-42.55	0	51.87	-	-	68.2	-16.33	213	194	H
			16.361265	42.23	ADR	40.4	-42.52	2.52	42.63	-	-	-	-	213	194	H
			11.853354	55.29	PK-U	38.8	-43.63	0	50.46	-	-	74	-23.54	296	161	V
			11.830718	43.04	ADR	38.8	-44.06	2.52	40.3	54	-13.7	-	-	296	161	V
			11.851989	55.13	PK-U	38.8	-43.73	0	50.2	-	-	74	-23.8	296	161	V
			11.828656	43.2	ADR	38.8	-44.06	2.52	40.46	54	-13.54	-	-	296	161	V
HDT2	5162	6 + 5	4.478352	25	ADR	33.8	-27.9	0.16	31.06	-	-	-	-	72	156	V
			4.480887	35.87	PK-U	33.8	-27.8	0	41.87	-	-	68.2	-26.33	183	120	H
			4.482259	37.45	PK-U	33.8	-27.8	0	43.45	-	-	68.2	-24.75	72	156	V
			4.483032	24.68	ADR	33.8	-27.8	0.16	30.84	-	-	-	-	183	120	H
			9.553459	32.41	PK-U	36.7	-18.4	0	50.71	-	-	68.2	-17.49	13	328	V
			9.554765	20.3	ADR	36.7	-18.3	0.16	38.86	-	-	-	-	223	303	H
			9.555654	32.27	PK-U	36.7	-18.3	0	50.67	-	-	68.2	-17.53	223	303	H
			9.557153	20.39	ADR	36.7	-18.3	0.16	38.95	-	-	-	-	13	328	V
			16.490393	19.57	ADR	40.6	-13.3	0.16	47.03	-	-	-	-	285	295	V
			16.49224	31.17	PK-U	40.6	-13.4	0	58.37	-	-	68.2	-9.83	285	295	V
			16.515745	19.6	ADR	40.7	-13.4	0.16	47.06	-	-	-	-	90	308	H
			16.516773	30.94	PK-U	40.7	-13.4	0	58.24	-	-	68.2	-9.96	90	308	H
	5203	6 + 5	1.731909	38.45	PK-U	29.7	-32	0	36.15	-	-	68.2	-32.05	252	108	H
			1.73208	26.41	ADR	29.7	-32	0.16	24.27	-	-	-	-	252	108	H
			1.736447	26.57	ADR	29.8	-32.1	0.16	24.43	-	-	-	-	347	177	V
			1.739322	38.1	PK-U	29.8	-32.1	0	35.8	-	-	68.2	-32.4	347	177	V
			10.426097	32.94	PK-U	37.5	-17.8	0	52.64	-	-	68.2	-15.56	36	165	H
			10.427363	20.78	ADR	37.5	-17.9	0.16	40.54	-	-	-	-	36	165	H
			10.428251	20.61	ADR	37.5	-17.9	0.16	40.37	-	-	-	-	267	183	V
			10.429502	32.44	PK-U	37.5	-17.9	0	52.04	-	-	68.2	-16.16	267	183	V
			17.625585	19.17	ADR	41.9	-11.5	0.16	49.73	-	-	-	-	97	157	H
			17.628326	30.99	PK-U	41.9	-11.4	0	61.49	-	-	68.2	-6.71	97	157	H
			17.663905	19.03	ADR	41.8	-11.5	0.16	49.49	-	-	-	-	241	208	V
			17.665366	31.24	PK-U	41.7	-11.5	0	61.44	-	-	68.2	-6.76	241	208	V
	5245	6 + 5	* 3.980128	34.01	PK-U	33.2	-28.4	0	38.81	-	-	74	-35.19	194	215	H
			* 3.977431	22.74	ADR	33.2	-28.4	0.16	27.7	54	-26.3	-	-	194	215	H
			* 3.97608	34.57	PK-U	33.2	-28.4	0	39.37	-	-	74	-34.63	19	142	V
			* 3.975694	22.66	ADR	33.2	-28.4	0.16	27.62	54	-26.38	-	-	19	142	V
			10.407888	21.33	ADR	37.5	-17.7	0.16	41.29	-	-	-	-	330	279	V
			10.408045	32.59	PK-U	37.5	-17.7	0	52.39	-	-	68.2	-15.81	330	279	V
			10.409507	21.03	ADR	37.5	-17.7	0.16	40.99	-	-	-	-	217	252	H
			10.410161	32.52	PK-U	37.5	-17.7	0	52.32	-	-	68.2	-15.88	217	252	H
			17.601664	18.94	ADR	41.8	-10.9	0.16	50	-	-	-	-	86	397	V
			17.602356	30.69	PK-U	41.8	-10.9	0	61.59	-	-	68.2	-6.61	86	397	V
			17.665549	19.14	ADR	41.7	-11.5	0.16	49.5	-	-	-	-	321	168	H
			17.666083	30.56	PK-U	41.7	-11.5	0	60.76	-	-	68.2	-7.44	321	168	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA TEL:(510) 319-4000 FAX:(510) 661-0888

UNII-5 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDR4	5162	6 + 5	* 3.763692	44.68	ADR	33.4	-45.8	1.09	33.37	54	-20.63	-	-	188	245	V
			* 3.765939	55.99	PK-U	33.4	-45.6	0	43.79	-	-	74	-30.21	188	245	V
			* 3.770357	56.13	PK-U	33.4	-45.8	0	43.73	-	-	74	-30.27	141	337	H
			* 3.805557	44.52	ADR	33.4	-45.8	1.09	33.21	54	-20.79	-	-	141	337	H
			* 7.300752	54.03	PK-U	35.7	-42.8	0	46.93	-	-	74	-27.07	152	258	V
			* 7.304058	41.46	ADR	35.7	-42.5	1.09	35.75	54	-18.25	-	-	152	258	V
			* 7.307668	52.82	PK-U	35.8	-42.9	0	45.72	-	-	74	-28.28	66	282	H
			* 7.313148	41.52	ADR	35.8	-42.8	1.09	35.61	54	-18.39	-	-	66	282	H
			9.802163	53.53	PK-U	37	-41.8	0	48.73	-	-	68.2	-19.47	56	392	V
			9.817345	41.71	ADR	37	-41.8	1.09	38	-	-	-	-	56	392	V
			9.837065	53.11	PK-U	37.1	-41.7	0	48.51	-	-	68.2	-19.69	344	365	H
			9.841136	41.58	ADR	37.1	-41.9	1.09	37.87	-	-	-	-	344	365	H
	5203	6 + 5	* 1.703937	48.23	ADR	29	-48.9	1.09	29.42	54	-24.58	-	-	62	142	H
			* 1.709163	59.9	PK-U	29	-48.9	0	40	-	-	74	-34	159	150	V
			* 1.704623	48.22	ADR	29	-48.9	1.09	29.41	54	-24.59	-	-	159	150	V
			1.71069	59.92	PK-U	29.1	-48.9	0	40.12	-	-	68.2	-28.08	62	142	H
			6.934792	53.41	PK-U	35.8	-43.3	0	45.91	-	-	68.2	-22.29	162	360	V
			6.948352	41.69	ADR	35.8	-43.1	1.09	35.48	-	-	-	-	162	360	V
			6.950435	41.82	ADR	35.8	-43	1.09	35.71	-	-	-	-	44	280	H
			6.951946	53.41	PK-U	35.8	-43.4	0	45.81	-	-	68.2	-22.39	44	280	H
			9.212614	41.93	ADR	36.4	-42	1.09	37.42	-	-	-	-	261	217	H
			9.225065	53.23	PK-U	36.4	-41.9	0	47.73	-	-	68.2	-20.47	65	153	V
			9.229854	53.43	PK-U	36.4	-42	0	47.83	-	-	68.2	-20.37	261	217	H
			9.229937	41.73	ADR	36.4	-42	1.09	37.22	-	-	-	-	65	153	V
	5245	6 + 5	* 8.181456	53.16	PK-U	35.9	-42.1	0	46.96	-	-	74	-27.04	135	197	H
			* 8.1847	41.53	ADR	35.9	-42.1	1.09	36.42	54	-17.58	-	-	135	197	H
			* 10.691949	52.88	PK-U	37.7	-41.5	0	49.08	-	-	74	-24.92	278	198	H
			* 10.6565	41.47	ADR	37.7	-41.2	1.09	39.06	54	-14.94	-	-	278	198	H
			* 8.175755	53.38	PK-U	35.9	-42.2	0	47.08	-	-	74	-26.92	325	297	V
			* 8.188031	41.61	ADR	35.9	-42.1	1.09	36.5	54	-17.5	-	-	325	297	V
			* 10.648696	52.78	PK-U	37.7	-41.5	0	48.98	-	-	74	-25.02	42	158	V
			* 10.657847	41.3	ADR	37.7	-41.5	1.09	38.59	54	-15.41	-	-	42	158	V
			1.749087	49.02	ADR	29.7	-48.7	1.09	31.11	-	-	-	-	355	265	V
			1.755608	48.85	ADR	29.8	-48.7	1.09	31.04	-	-	-	-	106	245	H
			1.758941	60.88	PK-U	29.8	-48.7	0	41.98	-	-	68.2	-26.22	355	265	V
			1.767208	60.28	PK-U	30	-48.6	0	41.68	-	-	68.2	-26.52	106	245	H
HDRPM8	5162	6 + 5	1.908303	25.92	ADR	31.5	-31.7	0.31	26.03	-	-	-	-	59	260	H
			1.909845	37.75	PK-U	31.5	-31.7	0	37.55	-	-	68.2	-30.65	59	260	H
			1.911133	27.19	ADR	31.5	-31.7	0.31	27.3	-	-	-	-	327	174	V
			1.911377	38.85	PK-U	31.5	-31.7	0	38.65	-	-	68.2	-29.55	327	174	V
			12.763965	32.21	PK-U	38.9	-17.4	0	53.71	-	-	68.2	-14.49	14	284	H
			12.764367	20.45	ADR	38.9	-17.4	0.31	42.26	-	-	-	-	14	284	H
			12.769174	31.97	PK-U	38.9	-17.4	0	53.47	-	-	68.2	-14.73	123	126	V
			12.769977	20.74	ADR	38.9	-17.4	0.31	42.55	-	-	-	-	123	126	V
			17.32954	20.3	ADR	41.6	-12.5	0.31	49.71	-	-	-	-	264	391	V
			17.329914	20.19	ADR	41.6	-12.5	0.31	49.6	-	-	-	-	7	283	H
			17.3302	31.58	PK-U	41.6	-12.5	0	60.68	-	-	68.2	-7.52	7	283	H
			17.331064	31.55	PK-U	41.6	-12.5	0	60.65	-	-	68.2	-7.55	264	391	V
	5203	6 + 5	* 1.720378	38.91	PK-U	29.6	-32	0	36.51	-	-	74	-37.49	253	101	H
			* 1.719323	27.78	ADR	29.6	-31.9	0.31	25.79	54	-28.21	-	-	253	101	H
			* 1.720753	38.27	PK-U	29.6	-32	0	35.87	-	-	74	-38.13	20	116	V
			* 1.719034	26.8	ADR	29.6	-31.9	0.31	24.81	54	-29.19	-	-	20	116	V
			9.736099	32.22	PK-U	36.8	-18.1	0	50.92	-	-	68.2	-17.28	341	114	H
			9.73775	21.01	ADR	36.8	-18.1	0.31	40.02	-	-	-	-	341	114	H
			9.764966	32.73	PK-U	36.9	-18.2	0	51.43	-	-	68.2	-16.77	276	338	V
			9.768647	20.72	ADR	36.9	-18.2	0.31	39.73	-	-	-	-	276	338	V
			17.598346	19.07	ADR	41.8	-10.8	0.31	50.38	-	-	-	-	197	292	V
			17.600235	30.48	PK-U	41.8	-10.8	0	61.48	-	-	68.2	-6.72	197	292	V
			17.659993	30.91	PK-U	41.8	-11.4	0	61.31	-	-	68.2	-6.89	115	332	H
			17.662605	19.01	ADR	41.8	-11.4	0.31	49.72	-	-	-	-	115	332	H
	5245	6 + 5	2.403148	46.68	ADR	32.1	-48.85	0.31	30.24	-	-	-	-	360	101	H
			2.403394	59.09	PK-U	32.1	-48.85	0	42.34	-	-	68.2	-25.86	360	101	H
			2.918065	44.79	ADR	32.1	-47.37	0.31	29.83	-	-	-	-	360	200	H
			2.920459	56.46	PK-U	32.1	-47.36	0	41.2	-	-	68.2	-27	360	200	H
			3.126459	44.25	ADR	32.9	-46.49	0.31	30.97	-	-	-	-	360	101	V
			3.129059	56.22	PK-U	32.9	-46.44	0	42.68	-	-	68.2	-25.52	360	101	V
			8.897371	54.99	PK-U	36.2	-43.54	0	47.65	-	-	68.2	-20.55	360	199	H
			8.89793	43.56	ADR	36.2	-43.53	0.31	36.54	-	-	-	-	360	199	H
			9.950294	45.19	ADR	37.3	-44.77	0.31	38.03	-	-	-	-	360	101	V
			9.95064	56.71	PK-U	37.3	-44.76	0	49.25	-	-	68.2	-18.95	360	101	V
			10.560763	55.76	PK-U	37.7	-43.04	0	50.42	-	-	68.2	-17.78	360	198	V
			10.561255	43.98	ADR	37.7	-43.02	0.31	38.97	-	-	-	-	360	198	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

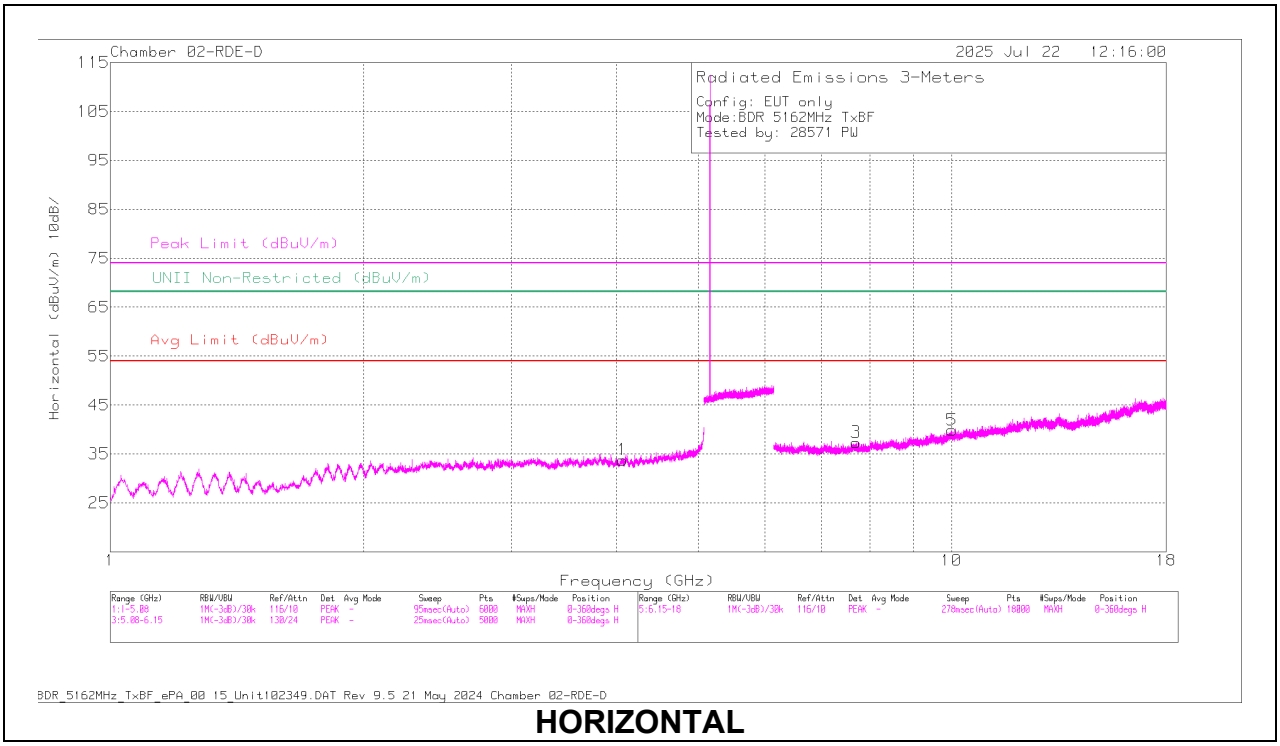
UNII-5 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
XHDRPM16	5162	6 + 5	* 15.504724	52.06	PK-U	40.4	-38.3	0	54.16	-	-	74	-19.84	273	339	H
			* 15.502569	40.29	ADR	40.4	-38.3	0.6	42.99	54	-11.01	-	-	273	339	H
			* 15.493964	52.64	PK-U	40.4	-38.3	0	54.74	-	-	74	-19.26	16	253	V
			* 15.503929	40.55	ADR	40.4	-38.3	0.6	43.25	54	-10.75	-	-	16	253	V
			2.561491	48.61	ADR	32.8	-48.15	0.6	33.86	-	-	-	-	112	113	H
			2.562278	60	PK-U	32.8	-48.1	0	44.7	-	-	68.2	-23.5	197	130	V
			2.565391	60.51	PK-U	32.8	-48.1	0	45.21	-	-	68.2	-22.99	112	113	H
			2.596878	48.41	ADR	32.8	-47.91	0.6	33.9	-	-	-	-	197	130	V
			10.310793	44.5	ADR	38	-44.2	0.6	38.9	-	-	-	-	251	221	H
			10.310864	56.09	PK-U	38	-44.2	0	49.89	-	-	68.2	-18.31	6	347	V
			10.320113	44.25	ADR	38	-43.79	0.6	39.06	-	-	-	-	6	347	V
			10.320704	56.25	PK-U	38	-43.73	0	50.52	-	-	68.2	-17.68	251	221	H
	5203	6 + 5	* 15.596413	52.17	PK-U	40.5	-38.9	0	53.77	-	-	74	-20.23	77	300	H
			* 15.620457	40.41	ADR	40.6	-39	0.6	42.61	54	-11.39	-	-	77	300	H
			* 15.616328	52.18	PK-U	40.6	-38.93	0	53.85	-	-	74	-20.15	229	121	V
			* 15.61552	40.59	ADR	40.6	-38.9	0.6	42.89	54	-11.11	-	-	229	121	V
			2.589911	48.21	ADR	32.8	-48.1	0.6	33.51	-	-	-	-	76	342	H
			2.592391	48.27	ADR	32.8	-48.1	0.6	33.57	-	-	-	-	32	266	V
			2.605011	60.16	PK-U	32.8	-48.1	0	44.86	-	-	68.2	-23.34	32	266	V
			2.605298	59.72	PK-U	32.8	-48.1	0	44.42	-	-	68.2	-23.78	76	342	H
			10.418959	44.12	ADR	38.1	-44.1	0.6	38.72	-	-	-	-	110	170	H
			10.421279	55.62	PK-U	38.1	-44.1	0	49.62	-	-	68.2	-18.58	110	170	H
			10.422661	55.92	PK-U	38.1	-44.17	0	49.85	-	-	68.2	-18.35	151	181	V
			10.424493	43.91	ADR	38.1	-44.1	0.6	38.51	-	-	-	-	151	181	V
	5245	6 + 5	* 15.732762	51.44	PK-U	40.7	-38.1	0	54.04	-	-	74	-19.96	2	318	H
			* 15.750087	39.88	ADR	40.8	-38.01	0.6	43.27	54	-10.73	-	-	2	318	H
			* 15.717273	51.99	PK-U	40.7	-38.17	0	54.52	-	-	74	-19.48	1	179	V
			* 15.716464	40.34	ADR	40.7	-38.25	0.6	43.39	54	-10.61	-	-	1	179	V
			2.603167	48.23	ADR	32.8	-48	0.6	33.63	-	-	-	-	180	361	V
			2.605113	48.08	ADR	32.8	-48.1	0.6	33.38	-	-	-	-	93	267	H
			2.6053	60.51	PK-U	32.8	-48.1	0	45.21	-	-	68.2	-22.99	93	267	H
			2.606253	59.98	PK-U	32.8	-48.1	0	44.68	-	-	68.2	-23.52	180	361	V
			10.472688	55.2	PK-U	38.1	-43.83	0	49.47	-	-	68.2	-18.73	343	148	V
			10.481746	43.8	ADR	38.2	-43.7	0.6	38.9	-	-	-	-	343	148	V
			10.486724	43.78	ADR	38.2	-43.8	0.6	38.78	-	-	-	-	168	256	H
			10.494017	55.79	PK-U	38.2	-43.7	0	50.29	-	-	68.2	-17.91	168	256	H
HDRPL8	5164	6 + 5	* 11.943561	52.96	PK-U	38.7	-40.3	0	51.36	-	-	74	-22.64	360	101	H
			* 11.944321	40.83	ADR	38.7	-40.1	0.22	39.65	54	-14.35	-	-	360	101	H
			* 11.946691	52.59	PK-U	38.7	-40.3	0	50.99	-	-	74	-23.01	360	101	V
			* 11.956086	40.77	ADR	38.7	-40	0.22	39.69	54	-14.31	-	-	360	101	V
			* 3.563505	55.74	PK-U	33	-45.1	0	43.64	-	-	74	-30.36	360	101	H
			* 3.573165	43.92	ADR	33.1	-45.1	0.22	32.14	54	-21.86	-	-	360	101	H
			* 3.582039	55.62	PK-U	33.1	-44.8	0	43.92	-	-	74	-30.08	360	101	V
			* 3.585705	43.83	ADR	33.1	-44.8	0.22	32.35	54	-21.65	-	-	360	101	V
			* 8.197394	41.76	ADR	35.9	-42.3	0.22	35.58	54	-18.42	-	-	360	101	H
			* 8.199389	53.26	PK-U	35.9	-42.3	0	46.86	-	-	74	-27.14	360	101	H
			* 8.203972	53.1	PK-U	35.9	-42.4	0	46.6	-	-	74	-27.4	360	101	V
			* 8.213669	41.87	ADR	35.9	-42.2	0.22	35.79	54	-18.21	-	-	360	101	V
	5203	6 + 5	* 12.276576	40.43	ADR	38.9	-39.9	0.22	39.65	54	-14.35	-	-	360	101	H
			* 12.292971	40.42	ADR	38.9	-40.1	0.22	39.44	54	-14.56	-	-	360	101	V
			* 12.311167	52.12	PK-U	38.9	-40.1	0	50.92	-	-	74	-23.08	360	101	H
			* 12.311669	52.05	PK-U	38.9	-40.1	0	50.85	-	-	74	-23.15	360	101	V
			* 3.598572	54.87	PK-U	33.1	-44.7	0	43.27	-	-	74	-30.73	360	101	H
			* 3.599158	43.4	ADR	33.1	-44.7	0.22	32.02	54	-21.98	-	-	360	101	H
			* 3.602518	43.3	ADR	33.1	-44.8	0.22	31.82	54	-22.18	-	-	360	101	V
			* 3.628225	54.57	PK-U	33.2	-44.9	0	42.87	-	-	74	-31.13	360	101	V
			* 8.190608	53.38	PK-U	35.9	-42.2	0	47.08	-	-	74	-26.92	360	101	V
			* 8.192808	41.87	ADR	35.9	-42.2	0.22	35.79	54	-18.21	-	-	360	101	V
			* 8.202391	53.04	PK-U	35.9	-42.3	0	46.64	-	-	74	-27.36	360	101	H
			* 8.212387	41.85	ADR	35.9	-42.3	0.22	35.67	54	-18.33	-	-	360	101	H
	5242	6 + 5	* 12.087352	52.85	PK-U	38.8	-40.1	0	51.55	-	-	74	-22.45	360	101	H
			* 12.092276	40.81	ADR	38.8	-40.2	0.22	39.63	54	-14.37	-	-	360	101	V
			* 12.094303	52.44	PK-U	38.8	-40	0	51.24	-	-	74	-22.76	360	101	V
			* 12.09549	40.78	ADR	38.8	-40	0.22	39.8	54	-14.2	-	-	360	101	H
			* 3.707056	55.79	PK-U	33.3	-45.4	0	43.69	-	-	74	-30.31	360	101	H
			* 3.712657	44.37	ADR	33.3	-45.6	0.22	32.29	54	-21.71	-	-	360	101	V
			* 3.744383	56.84	PK-U	33.3	-45.8	0	44.34	-	-	74	-29.66	360	101	V
			* 3.745883	44.3	ADR	33.3	-45.8	0.22	32.02	54	-21.98	-	-	360	101	H
			* 8.194574	41.74	ADR	35.9	-42.3	0.22	35.56	54	-18.44	-	-	360	101	H
			* 8.213641	53.73	PK-U	35.9	-42.2	0	47.43	-	-	74	-26.57	360	101	H
			* 8.21396	53.35	PK-U	35.9	-42.1	0	47.15	-	-	74	-26.85	360	101	V
			* 8.230124	41.75	ADR	35.9	-42.3	0.22	35.57	54	-18.43	-	-	360	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

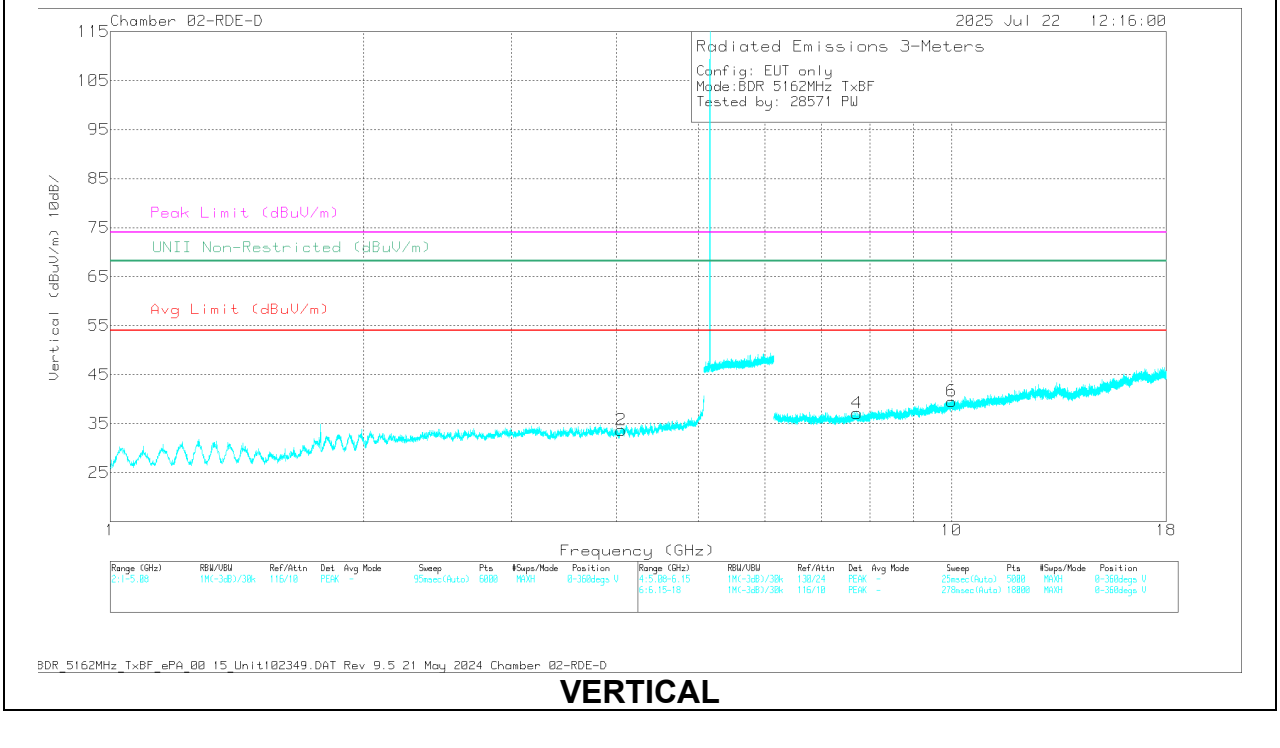
UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA TEL:(510) 319-4000 FAX:(510) 661-0888

2TX Antenna 6 + Antenna 5 TX BF MODE (HIGH POWER)

LOW CHANNEL 5162MHz



HORIZONTAL



VERTICAL

Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226674 ACF (dB/m)	Amp/Cbl/Fltr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.047654	44.92	ADR	33.4	-46.1	1.16	33.38	54	-20.62	-	-	-	-	180	269	H
2	* 4.048838	44.78	ADR	33.4	-46.1	1.16	33.24	54	-20.76	-	-	-	-	138	226	V
2	* 4.066265	56.51	PK-U	33.4	-46.1	0	43.81	-	-	74	-30.19	-	-	138	226	V
1	* 4.073794	56.33	PK-U	33.4	-46.3	0	43.43	-	-	74	-30.57	-	-	180	269	H
4	* 7.712609	41.03	ADR	35.8	-41.9	1.16	36.09	54	-17.91	-	-	-	-	113	384	V
3	* 7.714784	41.06	ADR	35.8	-42	1.16	36.02	54	-17.98	-	-	-	-	99	167	H
3	* 7.71814	52.43	PK-U	35.8	-42.2	0	46.03	-	-	74	-27.97	-	-	99	167	H
4	* 7.718654	52.9	PK-U	35.8	-42.2	0	46.5	-	-	74	-27.5	-	-	113	384	V
5	10.022294	53.1	PK-U	37.3	-41.6	0	48.8	-	-	-	-	68.2	-19.4	248	247	H
6	10.024751	53.39	PK-U	37.3	-41.4	0	49.29	-	-	-	-	68.2	-18.91	224	205	V
6	9.990533	41.89	ADR	37.3	-41.5	1.16	38.85	-	-	-	-	-	-	224	205	V
5	9.996223	41.68	ADR	37.3	-41.4	1.16	38.74	-	-	-	-	-	-	248	247	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

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10.1.4. UNII-3 BAND SISO MODE – BANDEDGE – HIGH POWER

UNII-3 (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	DCCF (dB)	Conversion Factor (dB)	Correct Reading EIRP (dBm)	Pk Limit (dBm)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5733	6	5.625483	-48.97	Pk	34.6	-36.28	0	11.8	-38.85	-27	-11.85	213	151	H
			5.725	-49.25	Pk	34.8	-36.16	0	11.8	-38.81	27	-65.81	213	151	H
			5.63675	-49.02	Pk	34.6	-36.24	0	11.8	-38.86	-27	-11.86	156	279	V
			5.725	-49.57	Pk	34.8	-36.16	0	11.8	-39.13	27	-66.13	156	279	V
		5	5.635257	-65.99	Pk	34.3	-17.5	0	11.8	-37.39	-27	-10.39	136	130	H
			5.725	-67.52	Pk	34.5	-17.4	0	11.8	-38.62	27	-65.62	136	130	H
			5.626238	-66.28	Pk	34.3	-17.5	0	11.8	-37.68	-27	-10.68	34	102	V
			5.725	-66.93	Pk	34.5	-17.4	0	11.8	-38.03	27	-65.03	34	102	V
	5844	6	5.85	-65.04	Pk	35	-33.9	0	11.8	-52.14	27	-79.14	290	132	H
			5.979723	-64.83	Pk	35.3	-33.7	0	11.8	-51.43	-27	-24.43	290	132	H
			5.85	-65.59	Pk	35	-33.9	0	11.8	-52.69	27	-79.69	204	146	V
			5.984533	-64.4	Pk	35.3	-33.8	0	11.8	-51.1	-27	-24.1	204	146	V
		5	5.85	-67.81	Pk	34.9	-16.4	0	11.8	-37.51	27	-64.51	141	115	H
			5.94082	-66.47	Pk	35.1	-16.2	0	11.8	-35.77	-27	-8.77	141	115	H
			5.85	-68.68	Pk	34.9	-16.4	0	11.8	-38.38	27	-65.38	61	104	V
			5.944027	-67.03	Pk	35.2	-16.2	0	11.8	-36.23	-27	-9.23	61	104	V
LE1M	5733	6	5.647184	-64.86	Pk	34.7	-23.6	0	11.8	-41.96	-27	-14.96	231	141	H
			5.725	-65.67	Pk	34.8	-23.1	0	11.8	-42.17	27	-69.17	231	141	H
			5.632983	-65.11	Pk	34.6	-23.6	0	11.8	-42.31	-27	-15.31	207	143	V
			5.725	-66.39	Pk	34.8	-23.1	0	11.8	-42.89	27	-69.89	207	143	V
		5	5.725	-49.98	Pk	34.9	-34.4	0	11.8	-37.68	27	-64.68	38	101	H
			5.630933	-49.15	Pk	34.7	-34.5	0	11.8	-37.15	-27	-10.15	38	101	H
			5.725	-50.79	Pk	34.9	-34.4	0	11.8	-38.49	27	-65.49	335	104	V
			5.626233	-48.76	Pk	34.7	-34.5	0	11.8	-36.76	-27	-9.76	335	104	V
	5844	6	5.85	-49.12	Pk	35	-36.1	0	11.8	-38.42	27	-65.42	209	154	H
			5.9997	-48.43	Pk	35.3	-35.79	0	11.8	-37.12	-27	-10.12	209	154	H
			5.85	-50.7	Pk	35	-36.1	0	11.8	-40	27	-67	121	163	V
			5.983125	-49.04	Pk	35.3	-35.78	0	11.8	-37.72	-27	-10.72	121	163	V
		5	5.85	-53.31	Pk	35.2	-34.2	0	11.8	-40.51	27	-67.51	40	102	H
			5.9562	-51.25	Pk	35.5	-34.3	0	11.8	-38.25	-27	-11.25	40	102	H
			5.85	-53.57	Pk	35.2	-34.2	0	11.8	-40.77	27	-67.77	332	103	V
			5.987825	-52.49	Pk	35.6	-34.2	0	11.8	-39.29	-27	-12.29	332	103	V
LE2M	5733	6	5.63825	-65.22	Pk	34.7	-23.5	0	11.8	-42.22	-27	-15.22	292	139	H
			5.725	-66.37	Pk	34.8	-23.1	0	11.8	-42.87	27	-69.87	292	139	H
			5.632417	-65.47	Pk	34.6	-23.6	0	11.8	-42.67	-27	-15.67	241	313	V
			5.725	-66.5	Pk	34.8	-23.1	0	11.8	-43	27	-70	241	313	V
		5	5.642534	-64.69	Pk	34.7	-23.5	0	11.8	-41.69	-27	-14.69	2	103	H
			5.725	-65.19	Pk	34.8	-23.1	0	11.8	-41.69	27	-68.69	2	103	H
			5.644084	-65.07	Pk	34.7	-23.5	0	11.8	-42.07	-27	-15.07	294	101	V
			5.725	-66.41	Pk	34.8	-23.1	0	11.8	-42.91	27	-69.91	294	101	V
	5844	6	5.85	-48.99	Pk	35	-36.1	0	11.8	-38.29	27	-65.29	201	164	H
			5.9933	-48.91	Pk	35.3	-35.69	0	11.8	-37.5	-27	-10.5	201	164	H
			5.85	-50.48	Pk	35	-36.1	0	11.8	-39.78	27	-66.78	123	160	V
			5.970825	-48.56	Pk	35.3	-35.81	0	11.8	-37.27	-27	-10.27	123	160	V
		5	5.85	-53.09	Pk	35.2	-34.2	0	11.8	-40.29	27	-67.29	43	109	H
			5.94205	-52.69	Pk	35.5	-34.3	0	11.8	-39.69	-27	-12.69	43	109	H
			5.85	-52.75	Pk	35.2	-34.2	0	11.8	-39.95	27	-66.95	329	101	V
			5.96015	-52.77	Pk	35.5	-34.1	0	11.8	-39.57	-27	-12.57	329	101	V

Pk - Peak detector

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA TEL:(510) 319-4000 FAX:(510) 661-0888

UNII-3 (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DCCF (dB)	Conversion Factor (dB)	Correct Reading EIRP (dBm)	Pk Limit (dBm)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDT2	5733	6	5.646134	-66.12	Pk	34.3	-17.6	0	11.8	-37.62	-27	-10.62	340	210	H
			5.725	-67.84	Pk	34.5	-17.4	0	11.8	-38.94	27	-65.94	340	210	H
			5.639739	-66.17	Pk	34.3	-17.5	0	11.8	-37.57	-27	-10.57	252	133	V
			5.725	-68.19	Pk	34.5	-17.4	0	11.8	-39.29	27	-66.29	252	133	V
		5	5.725	-51.18	Pk	34.9	-34.4	0	11.8	-38.88	27	-65.88	42	115	H
			5.64065	-49.36	Pk	34.7	-34.4	0	11.8	-37.26	-27	-10.26	42	115	H
			5.725	-51.11	Pk	34.9	-34.4	0	11.8	-38.81	27	-65.81	328	101	V
			5.6472	-48.75	Pk	34.7	-34.5	0	11.8	-36.75	-27	-9.75	328	101	V
	5844	6	5.85	-67.88	Pk	34.9	-16.4	0	11.8	-37.58	27	-64.58	329	237	H
			5.96999	-66.72	Pk	35.2	-16.4	0	11.8	-36.12	-27	-9.12	329	237	H
			5.85	-67.81	Pk	34.9	-16.4	0	11.8	-37.51	27	-64.51	293	104	V
			5.981045	-66.38	Pk	35.2	-16.4	0	11.8	-35.78	-27	-8.78	293	104	V
		5	5.85	-51.44	Pk	35.2	-34.2	0	11.8	-38.64	27	-65.64	41	118	H
			5.949075	-52.58	Pk	35.5	-34.2	0	11.8	-39.48	-27	-12.48	41	118	H
			5.85	-52.73	Pk	35.2	-34.2	0	11.8	-39.93	27	-66.93	335	103	V
			5.978575	-52.3	Pk	35.6	-34.1	0	11.8	-39	-27	-12	335	103	V
HDR4	5733	6	5.646717	-64.81	Pk	34.7	-23.6	0	11.8	-41.91	-27	-14.91	292	139	H
			5.725	-65.79	Pk	34.8	-23.1	0	11.8	-42.29	27	-69.29	292	139	H
			5.6415	-65.78	Pk	34.7	-23.5	0	11.8	-42.78	-27	-15.78	228	314	V
			5.725	-66.01	Pk	34.8	-23.1	0	11.8	-42.51	27	-69.51	228	314	V
		5	5.625038	-66.12	Pk	34.3	-17.5	0	11.8	-37.52	-27	-10.52	136	130	H
			5.725	-68.06	Pk	34.5	-17.4	0	11.8	-39.16	27	-66.16	136	130	H
			5.644971	-66.14	Pk	34.3	-17.6	0	11.8	-37.64	-27	-10.64	34	102	V
			5.725	-66.98	Pk	34.5	-17.4	0	11.8	-38.08	27	-65.08	34	102	V
	5844	6	5.85	-42.54	Pk	35	-36.1	0	11.8	-31.84	27	-58.84	218	182	H
			5.972925	-48.82	Pk	35.3	-35.82	0	11.8	-37.54	-27	-10.54	218	182	H
			5.85	-48.39	Pk	35	-36.1	0	11.8	-37.69	27	-64.69	125	140	V
			5.928	-48.34	Pk	35.2	-35.85	0	11.8	-37.19	-27	-10.19	125	140	V
		5	5.85	-67.26	Pk	34.9	-16.4	0	11.8	-36.96	27	-63.96	141	115	H
			5.977838	-66.49	Pk	35.2	-16.4	0	11.8	-35.89	-27	-8.89	141	115	H
			5.85	-67.03	Pk	34.9	-16.4	0	11.8	-36.73	27	-63.73	61	104	V
			5.999216	-66.47	Pk	35.2	-16.5	0	11.8	-35.97	-27	-8.97	61	104	V
HDR8	5733	6	5.640634	-64.8	Pk	34.7	-23.5	0	11.8	-41.8	-27	-14.8	300	137	H
			5.725	-59.6	Pk	34.8	-23.1	0	11.8	-36.1	27	-63.1	300	137	H
			5.634484	-65.35	Pk	34.6	-23.6	0	11.8	-42.55	-27	-15.55	228	313	V
			5.725	-61.12	Pk	34.8	-23.1	0	11.8	-37.62	27	-64.62	228	313	V
		5	5.62575	-66.35	Pk	34.3	-17.5	0	11.8	-37.75	-27	-10.75	136	130	H
			5.725	-64.95	Pk	34.5	-17.4	0	11.8	-36.05	27	-63.05	136	130	H
			5.630026	-66.33	Pk	34.3	-17.5	0	11.8	-37.73	-27	-10.73	34	102	V
			5.725	-65.29	Pk	34.5	-17.4	0	11.8	-36.39	27	-63.39	34	102	V
	5844	6	5.85	-28.21	Pk	35	-36.1	0	11.8	-17.51	27	-44.51	211	159	H
			5.9762	-48.58	Pk	35.3	-35.73	0	11.8	-37.21	-27	-10.21	211	159	H
			5.85	-37.32	Pk	35	-36.1	0	11.8	-26.62	27	-53.62	125	158	V
			5.989975	-48.83	Pk	35.3	-35.77	0	11.8	-37.5	-27	-10.5	125	158	V
		5	5.85	-53.87	Pk	34.9	-16.4	0	11.8	-23.57	27	-50.57	141	115	H
			5.988893	-65.94	Pk	35.2	-16.4	0	11.8	-35.34	-27	-8.34	141	115	H
			5.85	-53.67	Pk	34.9	-16.4	0	11.8	-23.37	27	-50.37	61	104	V
			5.925659	-66.45	Pk	35.1	-16.2	0	11.8	-35.75	-27	-8.75	61	104	V
HDRPL8	5733	6	5.6409	-47.97	Pk	34.6	-36.27	0	11.8	-37.84	-27	-10.84	164	155	H
			5.725	-31.29	Pk	34.8	-36.16	0	11.8	-20.85	27	-47.85	164	155	H
			5.63835	-48.46	Pk	34.6	-36.28	0	11.8	-38.34	-27	-11.34	151	326	V
			5.725	-37.32	Pk	34.8	-36.16	0	11.8	-26.88	27	-53.88	151	326	V
		5	5.725	-36.97	Pk	34.9	-34.4	0	11.8	-24.67	27	-51.67	31	104	H
			5.63155	-49.18	Pk	34.7	-34.6	0	11.8	-37.28	-27	-10.28	31	104	H
			5.725	-36.69	Pk	34.9	-34.4	0	11.8	-24.39	27	-51.39	336	106	V
			5.634367	-49.13	Pk	34.7	-34.5	0	11.8	-37.13	-27	-10.13	336	106	V
	5844	6	5.85	-19.09	Pk	35	-36.1	0	11.8	-8.39	27	-35.39	128	161	H
			5.95795	-48.92	Pk	35.2	-35.84	0	11.8	-37.76	-27	-10.76	128	161	H
			5.85	-24.43	Pk	35	-36.1	0	11.8	-13.73	27	-40.73	123	183	V
			5.96195	-48.73	Pk	35.2	-35.74	0	11.8	-37.47	-27	-10.47	123	183	V
		5	5.85	-23.38	Pk	35.2	-34.2	0	11.8	-10.58	27	-37.58	46	117	H
			5.981425	-52.58	Pk	35.6	-34.1	0	11.8	-39.28	-27	-12.28	46	117	H
			5.85	-22.5	Pk	35.2	-34.2	0	11.8	-9.7	27	-36.7	331	108	V
			5.945275	-51.79	Pk	35.5	-34.2	0	11.8	-38.69	-27	-11.69	331	108	V

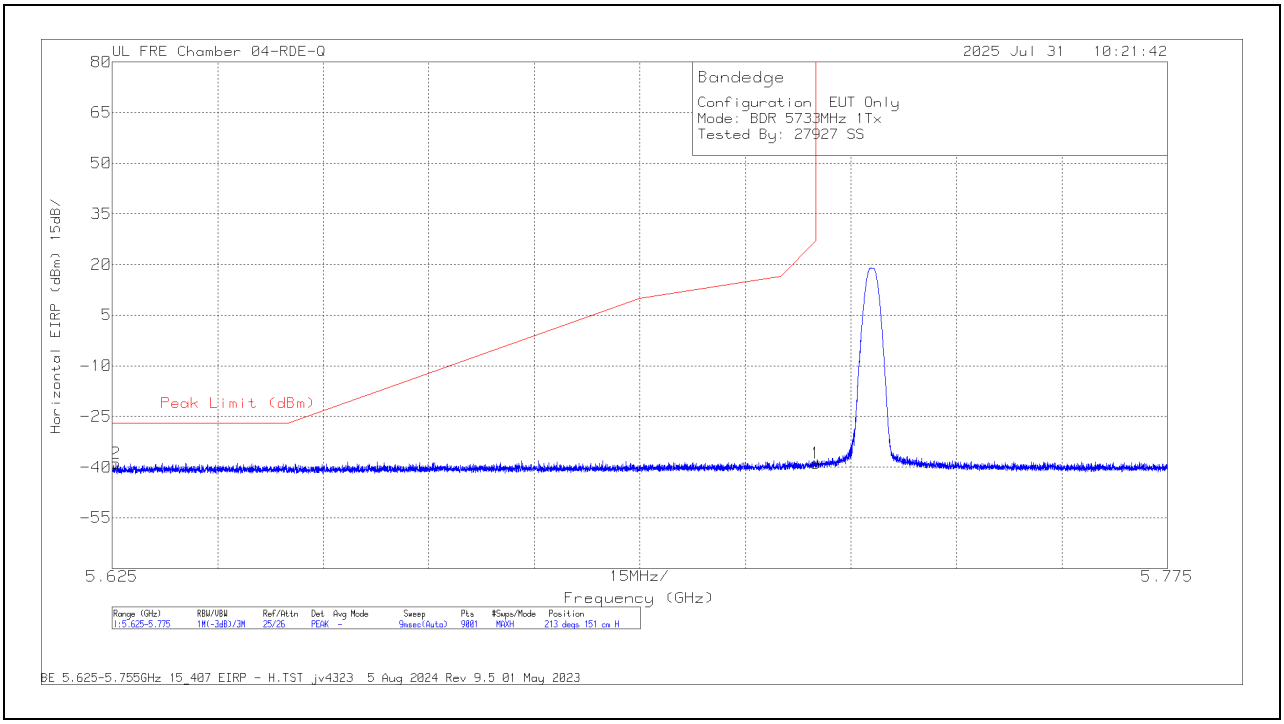
Pk - Peak detector

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA TEL:(510) 319-4000 FAX:(510) 661-0888

1TX Antenna 6

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

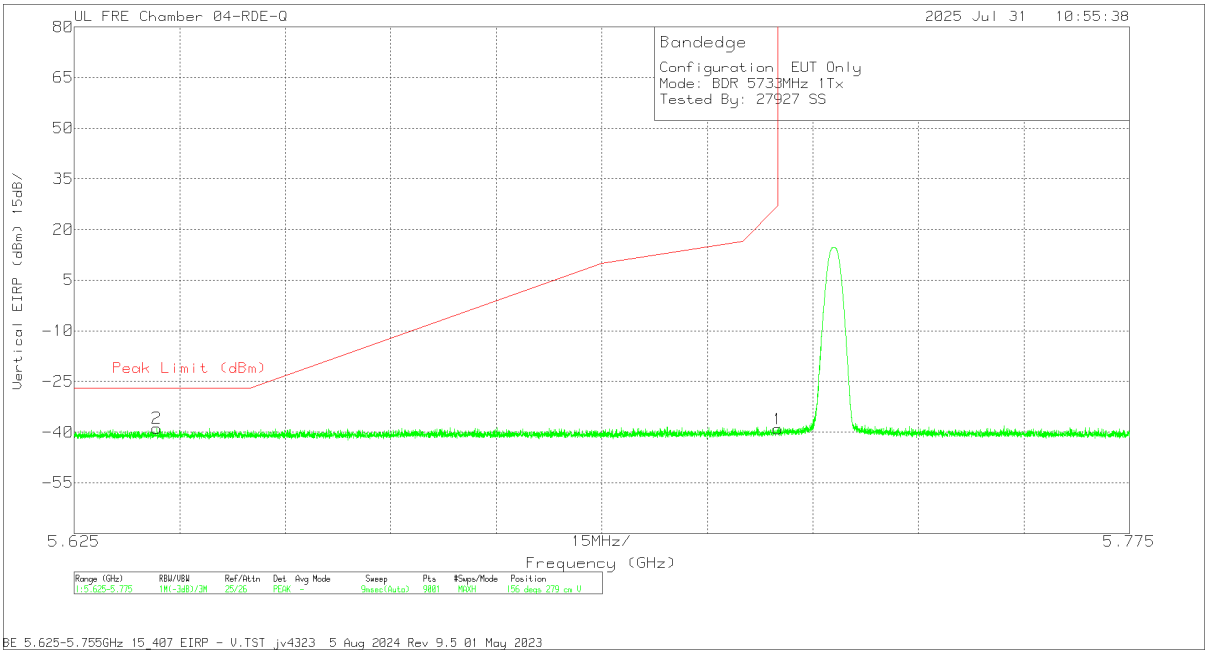


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.625483	-48.97	Pk	34.6	11.8	0	-36.28	-38.85	-27	-11.85	213	151	H
1	5.725	-49.25	Pk	34.8	11.8	0	-36.16	-38.81	27	-65.81	213	151	H

Pk - Peak detector

VERTICAL RESULT



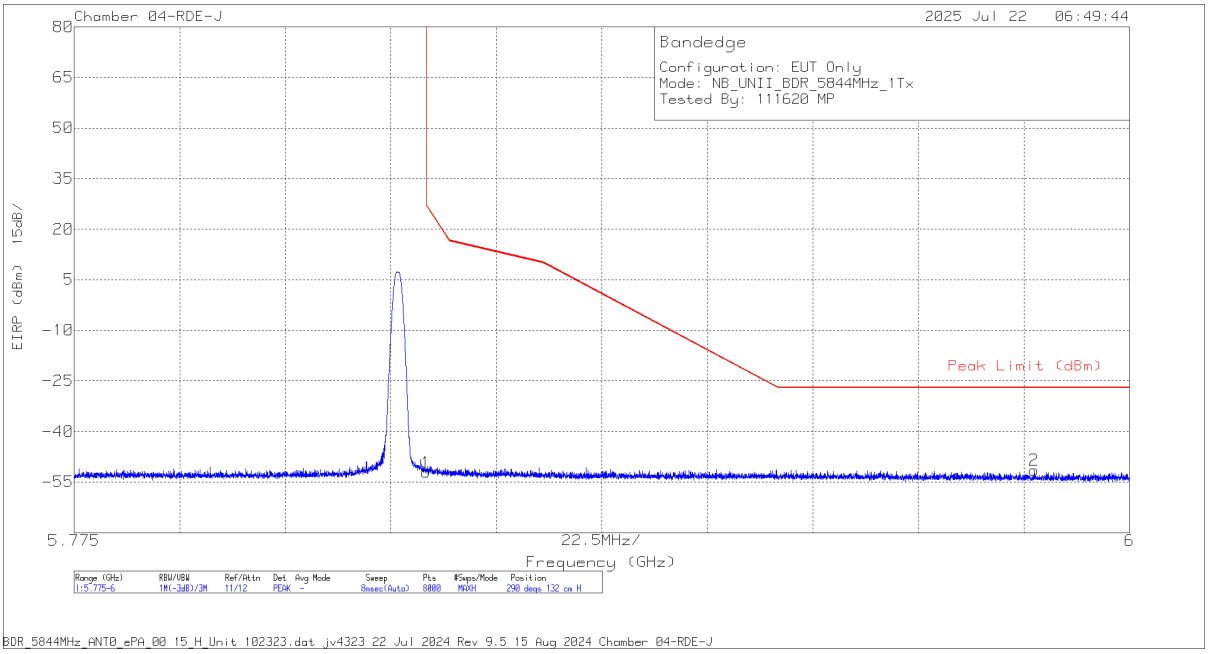
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.63675	-49.02	Pk	34.6	11.8	0	-36.24	-38.86	-27	-11.86	156	279	V
1	5.725	-49.57	Pk	34.8	11.8	0	-36.16	-39.13	27	-66.13	156	279	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

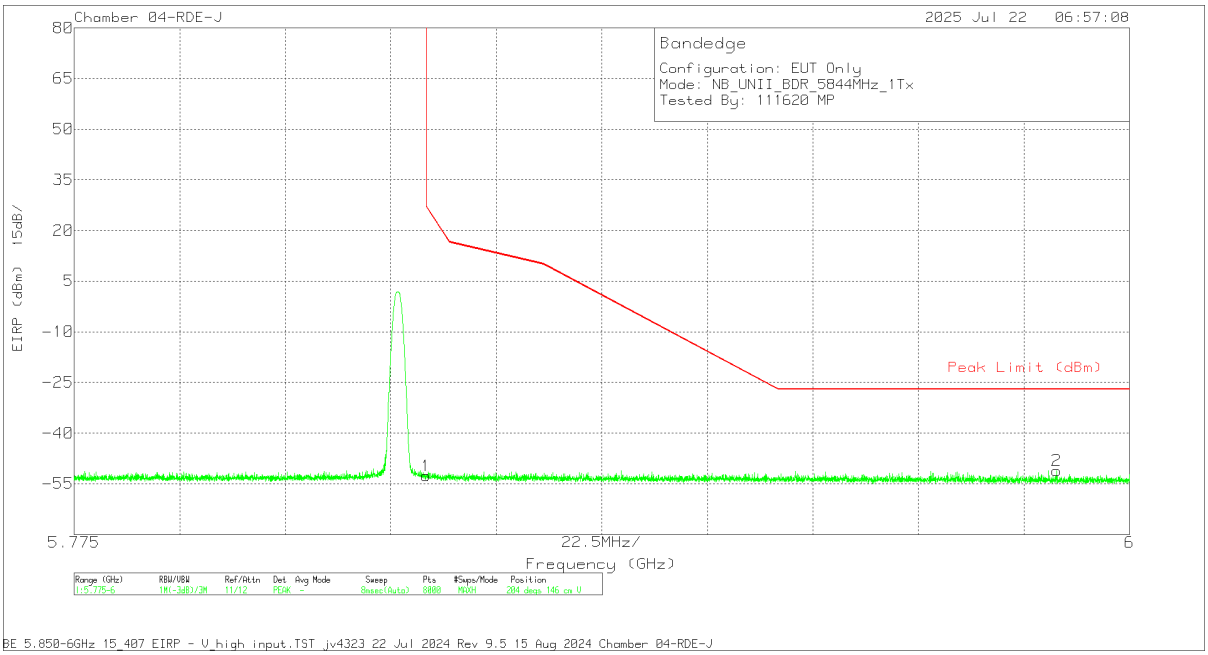


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	80707 ACF (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-65.04	Pk	35	-33.9	11.8	0	-52.14	27	-79.14	290	132	H
2	5.979723	-64.83	Pk	35.3	-33.7	11.8	0	-51.43	-27	-24.43	290	132	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	80707 ACF (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-65.59	Pk	35	-33.9	11.8	0	-52.69	27	-79.69	204	146	V
2	5.984533	-64.4	Pk	35.3	-33.8	11.8	0	-51.1	-27	-24.1	204	146	V

Pk - Peak detector

10.1.5. UNII-3 BAND MIMO TXBF MODE – BANDEDGE – HIGH POWER

UNII-3 (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	DCCF (dB)	Conversion Factor (dB)	Correct Reading EIRP (dBm)	Pk Limit (dBm)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5733	6 + 5	5.628167	-48.75	Pk	34.7	-35.4	0	11.8	-37.65	-27	-10.65	20	115	H
			5.725	-50.02	Pk	34.7	-35.3	0	11.8	-38.82	27	-65.82	20	115	H
			5.650401	-48.49	Pk	34.7	-35.25	0	11.8	-37.24	-26.7	-10.54	299	114	V
			5.725	-50.67	Pk	34.7	-35.3	0	11.8	-39.47	27	-66.47	299	114	V
	5844	6 + 5	5.85	-49.66	Pk	35	-36.65	0	11.8	-39.51	27	-66.51	46	129	H
			5.929975	-48.23	Pk	35.2	-36.61	0	11.8	-37.84	-27	-10.84	46	129	H
			5.85	-48.28	Pk	35	-36.65	0	11.8	-38.13	27	-65.13	2	105	V
			5.955625	-48.26	Pk	35.2	-36.54	0	11.8	-37.8	-27	-10.8	2	105	V
LE1M	5733	6 + 5	5.637414	-65.75	Pk	34.3	-17.5	0	11.8	-37.15	-27	-10.15	38	129	H
			5.725	-68.19	Pk	34.5	-17.4	0	11.8	-39.29	27	-66.29	38	129	H
			5.626313	-66.26	Pk	34.3	-17.5	0	11.8	-37.66	-27	-10.66	311	110	V
			5.725	-67.34	Pk	34.5	-17.4	0	11.8	-38.44	27	-65.44	311	110	V
	5844	6 + 5	5.85	-49.55	Pk	35	-36.65	0	11.8	-39.4	27	-66.4	131	101	H
			5.985775	-48.7	Pk	35.3	-36.41	0	11.8	-38.01	-27	-11.01	131	101	H
			5.85	-50	Pk	35	-36.65	0	11.8	-39.85	27	-66.85	93	104	V
			5.962675	-48.1	Pk	35.2	-36.54	0	11.8	-37.64	-27	-10.64	93	104	V
LE2M	5733	6 + 5	5.649884	-66.04	Pk	34.4	-17.4	0	11.8	-37.24	-27	-10.24	53	158	H
			5.725	-68.32	Pk	34.5	-17.4	0	11.8	-39.42	27	-66.42	53	158	H
			5.639852	-66.27	Pk	34.3	-17.5	0	11.8	-37.67	-27	-10.67	317	120	V
			5.725	-67.73	Pk	34.5	-17.4	0	11.8	-38.83	27	-65.83	317	120	V
	5844	6 + 5	5.85	-48.88	Pk	35	-36.65	0	11.8	-38.73	27	-65.73	309	109	H
			5.951225	-47.8	Pk	35.2	-36.52	0	11.8	-37.32	-27	-10.32	309	109	H
			5.85	-48.98	Pk	35	-36.65	0	11.8	-38.83	27	-65.83	271	102	V
			5.983925	-48.34	Pk	35.3	-36.42	0	11.8	-37.66	-27	-10.66	271	102	V
HDT2	5733	6 + 5	5.648065	-65.66	Pk	34.3	-17.5	0	11.8	-37.06	-27	-10.06	42	145	H
			5.725	-67.72	Pk	34.5	-17.4	0	11.8	-38.82	27	-65.82	42	145	H
			5.627794	-66.44	Pk	34.3	-17.5	0	11.8	-37.84	-27	-10.84	313	119	V
			5.725	-68.13	Pk	34.5	-17.4	0	11.8	-39.23	27	-66.23	313	119	V
	5844	6 + 5	5.85	-45.12	Pk	35	-36.65	0	11.8	-34.97	27	-61.97	132	107	H
			5.97305	-48.59	Pk	35.2	-36.49	0	11.8	-38.08	-27	-11.08	132	107	H
			5.85	-42.35	Pk	35	-36.65	0	11.8	-32.2	27	-59.2	93	103	V
			5.929025	-48.04	Pk	35.2	-36.57	0	11.8	-37.61	-27	-10.61	93	103	V
HDR4	5733	6 + 5	5.63615	-47.27	Pk	34.4	-37.3	0	11.8	-38.37	-27	-11.37	166	102	H
			5.725	-48.15	Pk	34.5	-37.07	0	11.8	-38.92	27	-65.92	166	102	H
			5.625133	-47.35	Pk	34.4	-37.45	0	11.8	-38.6	-27	-11.6	278	108	V
			5.725	-48.69	Pk	34.5	-37.07	0	11.8	-39.46	27	-66.46	278	108	V
	5844	6 + 5	5.85	-46.14	Pk	35	-36.65	0	11.8	-35.99	27	-62.99	126	123	H
			5.9784	-48.61	Pk	35.2	-36.4	0	11.8	-38.01	-27	-11.01	126	123	H
			5.85	-45.41	Pk	35	-36.65	0	11.8	-35.26	27	-62.26	98	101	V
			5.992125	-48.41	Pk	35.3	-36.4	0	11.8	-37.71	-27	-10.71	98	101	V
HDR8	5733	6 + 5	5.648784	-47.39	Pk	34.4	-37.19	0	11.8	-38.38	-27	-11.38	166	105	H
			5.725	-40.68	Pk	34.5	-37.07	0	11.8	-31.45	27	-58.45	166	105	H
			5.64475	-48	Pk	34.4	-37.23	0	11.8	-39.03	-27	-12.03	133	103	V
			5.725	-39.07	Pk	34.5	-37.07	0	11.8	-29.84	27	-56.84	133	103	V
	5844	6 + 5	5.85	-36.16	Pk	35	-36.65	0	11.8	-26.01	27	-53.01	308	266	H
			5.9651	-48.43	Pk	35.2	-36.5	0	11.8	-37.93	-27	-10.93	308	266	H
			5.85	-34.77	Pk	35	-36.65	0	11.8	-24.62	27	-51.62	261	100	V
			5.985475	-48.33	Pk	35.3	-36.4	0	11.8	-37.63	-27	-10.63	261	100	V
HDRPL8	5733	6 + 5	5.6375	-47.88	Pk	34.6	-37.32	0	11.8	-38.8	-27	-11.8	320	106	H
			5.725	-35.55	Pk	34.7	-36.96	0	11.8	-26.01	27	-53.01	320	106	H
			5.625033	-47.43	Pk	34.6	-37.32	0	11.8	-38.35	-27	-11.35	276	303	V
			5.725	-34.15	Pk	34.7	-36.96	0	11.8	-24.61	27	-51.61	276	303	V
	5844	6 + 5	5.85	-20.56	Pk	35	-36.65	0	11.8	-10.41	27	-37.41	130	121	H
			5.994025	-48.33	Pk	35.3	-36.41	0	11.8	-37.64	-27	-10.64	130	121	H
			5.85	-16.9	Pk	35	-36.65	0	11.8	-6.75	27	-33.75	91	119	V
			5.99065	-47.97	Pk	35.3	-36.43	0	11.8	-37.3	-27	-10.3	91	119	V

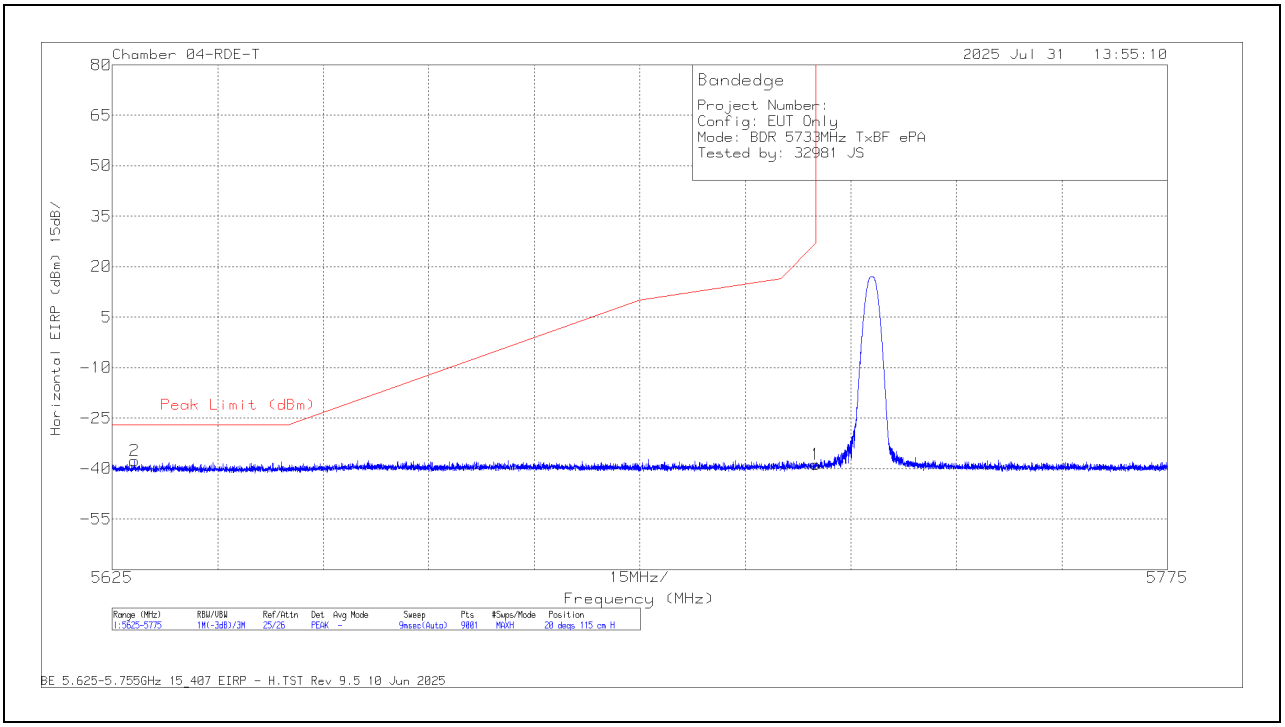
Pk - Peak detector

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA TEL:(510) 319-4000 FAX:(510) 661-0888

2TX Antenna 6 + Antenna 5 TXBF MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

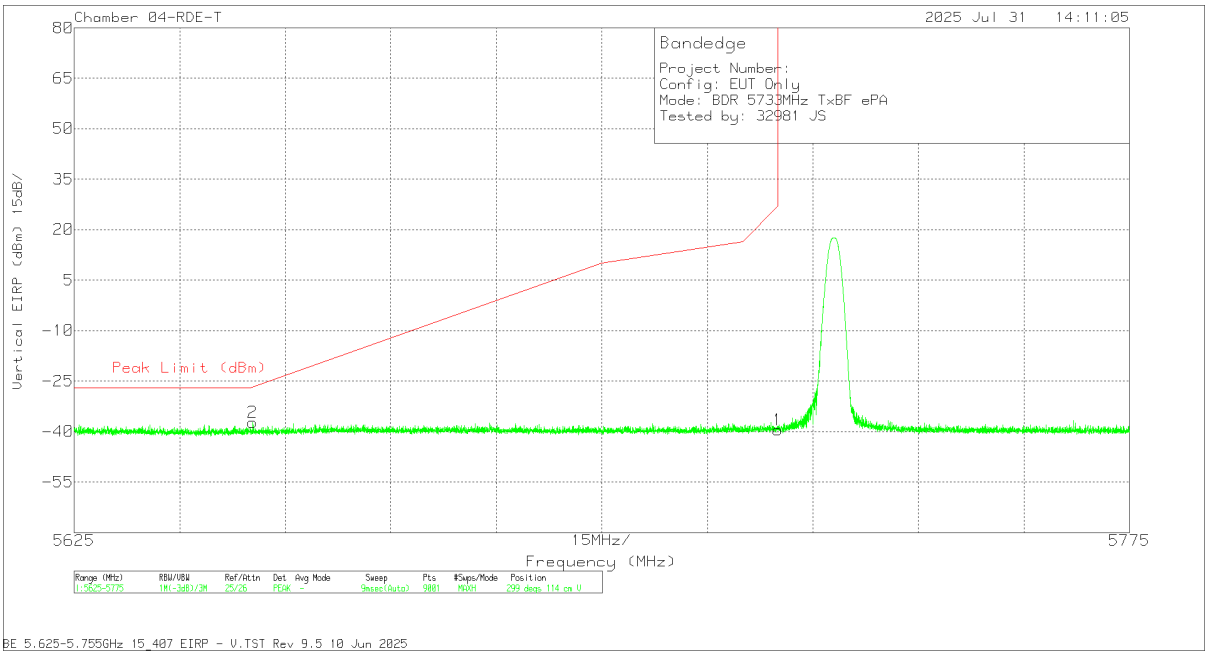


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	79834 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.628167	-48.75	Pk	34.7	11.8	0	-35.4	-37.65	-27	-10.65	20	115	H
1	5.725	-50.02	Pk	34.7	11.8	0	-35.3	-38.82	27	-65.82	20	115	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

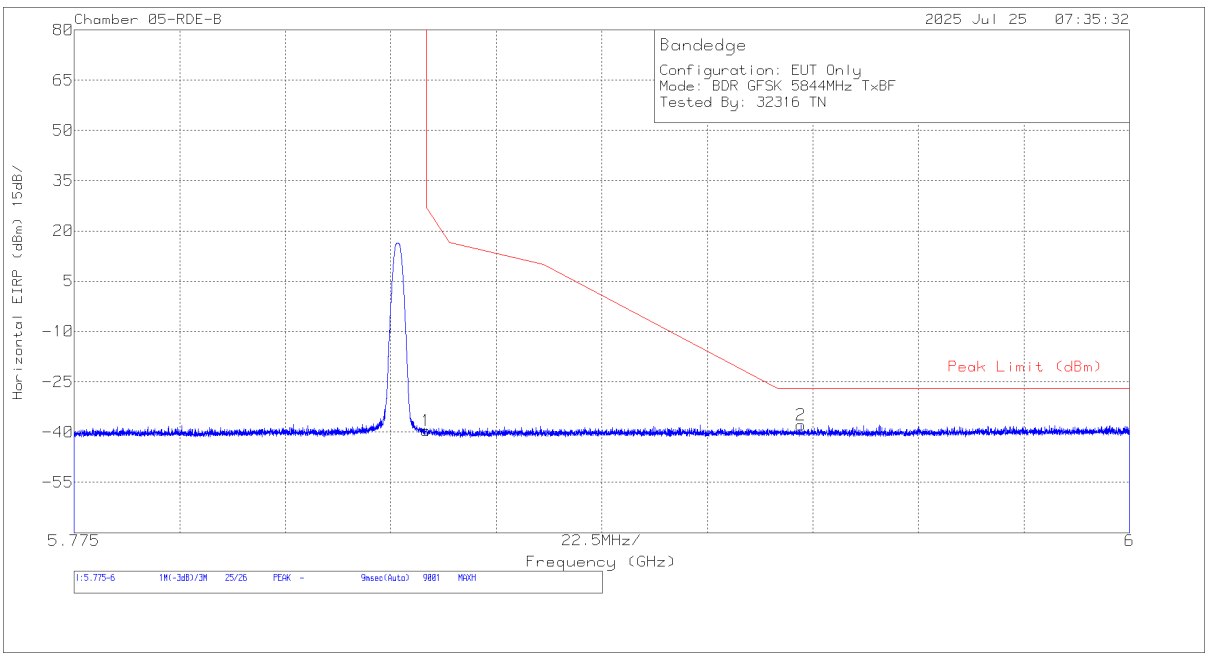
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	79834 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.650401	-48.49	Pk	34.7	11.8	0	-35.25	-37.24	-26.7	-10.54	299	114	V
1	5.725	-50.67	Pk	34.7	11.8	0	-35.3	-39.47	27	-66.47	299	114	V

Pk - Peak detector

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA TEL:(510) 319-4000 FAX:(510) 661-0888

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

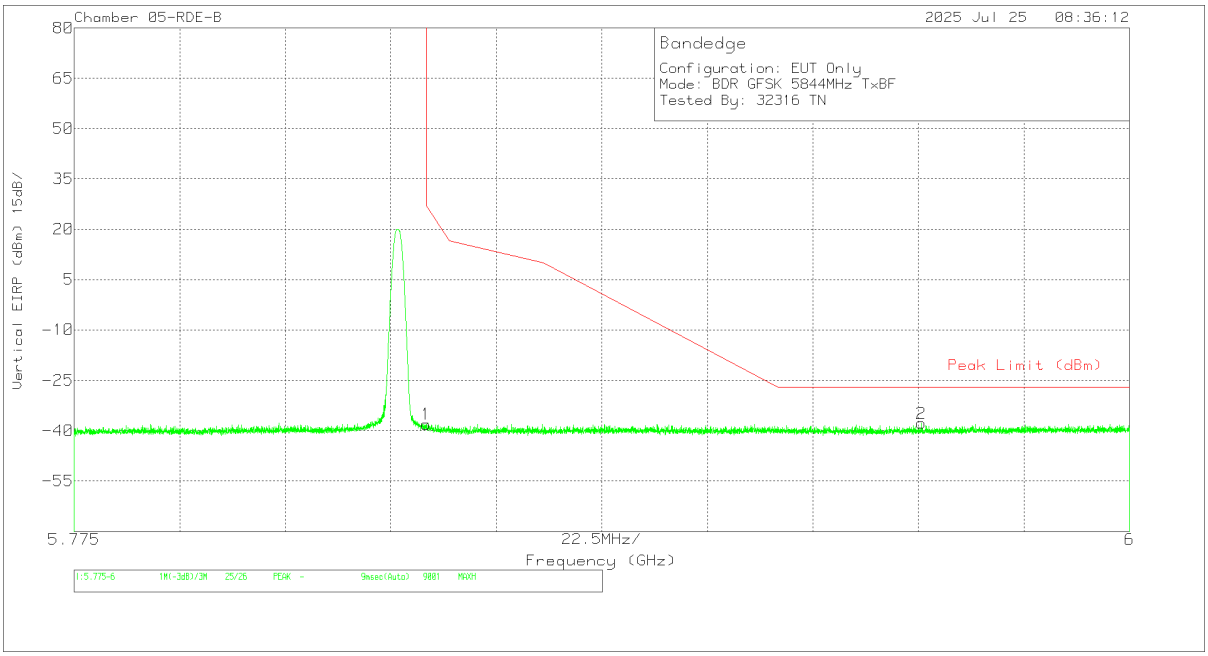


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226672 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.66	Pk	35	11.8	0	-36.65	-39.51	27	-66.51	46	129	H
2	5.929975	-48.23	Pk	35.2	11.8	0	-36.61	-37.84	-27	-10.84	46	129	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226672 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-48.28	Pk	35	11.8	0	-36.65	-38.13	27	-65.13	2	105	V
2	5.955625	-48.26	Pk	35.2	11.8	0	-36.54	-37.8	-27	-10.8	2	105	V

Pk - Peak detector

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA TEL:(510) 319-4000 FAX:(510) 661-0888

10.1.6. UNII-3 MIMO TXBF BAND – SPURIOUS EMISSIONS – HIGH POWER

UNII-3 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5733	6 + 5	2.4672	48.94	ADR	32.4	-50.45	1.16	32.05	-	-	-	-	360	200	H
			2.467212	60.82	PK-U	32.4	-50.45	0	42.77	-	-	68.2	-25.43	360	200	V
			2.467998	48.92	ADR	32.4	-50.46	1.16	32.02	-	-	-	-	360	200	V
			2.470573	60.73	PK-U	32.4	-50.46	0	42.67	-	-	68.2	-25.53	360	200	H
			9.08833	57.14	PK-U	36.1	-45.29	0	47.95	-	-	74	-26.05	360	200	H
			9.090767	57.61	PK-U	36.1	-45.34	0	48.37	-	-	74	-25.63	360	101	V
			9.091359	45.35	ADR	36.1	-45.33	1.16	37.28	54	-16.72	-	-	360	200	H
			9.092455	45.57	ADR	36.1	-45.35	1.16	37.48	54	-16.52	-	-	360	101	V
			12.417383	55.34	PK-U	39	-43.93	0	50.41	-	-	74	-23.59	360	200	V
			12.419222	43.16	ADR	39	-43.98	1.16	39.34	54	-14.66	-	-	360	200	V
			12.42375	55.55	PK-U	39	-43.97	0	50.58	-	-	74	-23.42	360	200	H
			12.424171	43.26	ADR	39	-43.96	1.16	39.46	54	-14.54	-	-	360	200	H
	5788	6 + 5	1.884647	47.98	ADR	31.2	-50.49	1.16	29.85	-	-	-	-	360	200	V
			1.885224	47.53	ADR	31.2	-50.48	1.16	29.41	-	-	-	-	360	101	H
			1.88568	59.35	PK-U	31.2	-50.49	0	40.06	-	-	68.2	-28.14	360	200	V
			1.885991	59.21	PK-U	31.2	-50.49	0	39.92	-	-	68.2	-28.28	360	101	H
			8.427645	44.91	ADR	35.8	-45.6	1.16	36.27	54	-17.73	-	-	360	200	V
			8.427942	56.59	PK-U	35.8	-45.62	0	46.77	-	-	74	-27.23	360	200	V
			8.428644	44.91	ADR	35.8	-45.65	1.16	36.22	54	-17.78	-	-	360	200	H
			8.429429	56.62	PK-U	35.8	-45.65	0	46.77	-	-	74	-27.23	360	200	H
			14.321652	57.53	PK-U	39.3	-45.29	0	51.54	-	-	68.2	-16.66	360	200	V
			14.323493	45.24	ADR	39.3	-45.25	1.16	40.45	-	-	-	-	360	200	H
			14.323593	45.36	ADR	39.3	-45.26	1.16	40.56	-	-	-	-	360	200	V
			14.323793	57.47	PK-U	39.3	-45.27	0	51.5	-	-	68.2	-16.7	360	200	H
	5844	6 + 5	2.472529	48.98	ADR	32.4	-50.45	1.16	32.09	-	-	-	-	360	200	V
			2.472552	60.99	PK-U	32.4	-50.45	0	42.94	-	-	68.2	-25.26	360	200	V
			2.475957	60.88	PK-U	32.4	-50.39	0	42.89	-	-	68.2	-25.31	360	101	H
			2.478689	48.97	ADR	32.4	-50.42	1.16	32.11	-	-	-	-	360	101	H
			8.559366	45.14	ADR	35.8	-45.55	1.16	36.55	-	-	-	-	360	101	H
			8.560179	57.13	PK-U	35.8	-45.57	0	47.36	-	-	68.2	-20.84	360	101	H
			8.561418	45.25	ADR	35.8	-45.57	1.16	36.64	-	-	-	-	360	101	V
			8.563792	57.07	PK-U	35.8	-45.55	0	47.32	-	-	68.2	-20.88	360	101	V
			12.465567	54.98	PK-U	39	-44.15	0	49.83	-	-	74	-24.17	360	200	V
			12.468397	43.42	ADR	39	-44.19	1.16	39.39	54	-14.61	-	-	360	200	V
			12.46931	55.24	PK-U	39	-44.18	0	50.06	-	-	74	-23.94	360	200	H
			12.469825	43.36	ADR	39	-44.19	1.16	39.33	54	-14.67	-	-	360	200	H
LE1M	5733	6 + 5	2.285777	49.34	ADR	32.1	-50.81	0.72	31.35	54	-22.65	-	-	360	200	V
			2.286081	61.19	PK-U	32.1	-50.81	0	42.48	-	-	74	-31.52	360	200	V
			2.287043	49.29	ADR	32.1	-50.83	0.72	31.28	54	-22.72	-	-	360	101	H
			2.287149	60.78	PK-U	32.1	-50.83	0	42.05	-	-	74	-31.95	360	101	H
			7.587427	45.19	ADR	35.6	-46.61	0.72	34.9	54	-19.1	-	-	360	101	H
			7.588795	56.74	PK-U	35.6	-46.63	0	45.71	-	-	74	-28.29	360	101	H
			7.592266	57.06	PK-U	35.7	-46.6	0	46.16	-	-	74	-27.84	360	200	V
			7.594592	45.39	ADR	35.7	-46.66	0.72	35.15	54	-18.85	-	-	360	200	V
			12.965525	55.05	PK-U	39.2	-44.43	0	49.82	-	-	68.2	-18.38	360	101	H
			12.966535	43.43	ADR	39.2	-44.38	0.72	38.97	-	-	-	-	360	101	H
			12.968252	55.56	PK-U	39.2	-44.36	0	50.4	-	-	68.2	-17.8	360	101	V
			12.971498	43.64	ADR	39.2	-44.36	0.72	39.2	-	-	-	-	360	101	V
	5788	6 + 5	2.757231	48.54	ADR	32.4	-49.66	0.72	32	54	-22	-	-	360	200	V
			2.758779	60.29	PK-U	32.4	-49.66	0	43.03	-	-	74	-30.97	360	200	V
			2.759879	48.25	ADR	32.4	-49.66	0.72	31.71	54	-22.29	-	-	360	116	H
			2.760771	59.9	PK-U	32.4	-49.66	0	42.64	-	-	74	-31.36	360	116	H
			8.019085	45.41	ADR	35.8	-46.33	0.72	35.6	-	-	-	-	360	200	H
			8.019473	57.28	PK-U	35.8	-46.32	0	46.76	-	-	68.2	-21.44	360	200	H
			8.022031	57.12	PK-U	35.8	-46.28	0	46.64	-	-	68.2	-21.56	360	200	V
			8.02204	45.56	ADR	35.8	-46.28	0.72	35.8	-	-	-	-	360	200	V
			12.399308	43.23	ADR	38.9	-43.56	0.72	39.29	54	-14.71	-	-	360	101	H
			12.400128	54.59	PK-U	38.9	-43.6	0	49.89	-	-	74	-24.11	360	101	H
			12.40156	54.59	PK-U	38.9	-43.64	0	49.85	-	-	74	-24.15	360	101	V
			12.401613	43.09	ADR	38.9	-43.64	0.72	39.07	54	-14.93	-	-	360	101	V
	5844	6 + 5	3.241809	47.11	ADR	33.2	-47.94	0.72	33.09	-	-	-	-	360	199	H
			3.243174	58.45	PK-U	33.2	-47.95	0	43.7	-	-	68.2	-24.5	360	199	H
			3.243177	59.19	PK-U	33.2	-47.95	0	44.44	-	-	68.2	-23.76	360	199	V
			3.243222	47.11	ADR	33.2	-47.95	0.72	33.08	-	-	-	-	360	199	V
			8.872006	44.78	ADR	36	-45.35	0.72	36.15	-	-	-	-	360	200	V
			8.874737	56.55	PK-U	36	-45.37	0	47.18	-	-	68.2	-21.02	360	200	V
			8.875082	56.53	PK-U	36	-45.36	0	47.17	-	-	68.2	-21.03	360	101	H
			8.875282	44.93	ADR	36	-45.37	0.72	36.28	-	-	-	-	360	101	H
			13.32629	43.89	ADR	39.2	-44.85	0.72	38.96	54	-15.04	-	-	360	101	H
			13.32757	55.41	PK-U	39.2	-44.82	0	49.79	-	-	74	-24.21	360	101	V
			13.329135	55.79	PK-U	39.2	-44.76	0	50.23	-	-	74	-23.77	360	101	H
			13.329973	43.63	ADR	39.2	-44.79	0.72	38.76	54	-15.24	-	-	360	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

UNII-3 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE2M	5733	6 + 5	1.897316	62.01	PK-U	31.4	-48.79	0	44.62	-	-	68.2	-23.58	18	256	H
			1.898956	50.25	ADR	31.4	-48.87	2.52	35.3	-	-	-	-	312	177	V
			1.903236	50.32	ADR	31.4	-48.88	2.52	35.36	-	-	-	-	18	256	H
			1.903916	62.11	PK-U	31.4	-48.84	0	44.67	-	-	68.2	-23.53	312	177	V
			9.409219	46.8	ADR	36.6	-44.69	2.52	41.23	54	-12.77	-	-	360	200	V
			9.424174	58.5	PK-U	36.6	-44.83	0	50.27	-	-	74	-23.73	360	200	V
			11.556005	45.91	ADR	38.3	-43.5	2.52	43.23	54	-10.77	-	-	360	200	H
			11.570529	57.96	PK-U	38.3	-43.72	0	52.54	-	-	74	-21.46	360	200	H
			13.253468	58.2	PK-U	39	-43.89	0	53.31	-	-	74	-20.69	360	101	H
			13.263735	46.18	ADR	39	-43.72	2.52	43.98	54	-10.02	-	-	360	101	H
			13.400339	58.38	PK-U	39	-43.92	0	53.46	-	-	68.2	-14.74	360	200	V
			13.415348	46.33	ADR	39	-43.96	2.52	43.89	-	-	-	-	360	200	V
	5788	6 + 5	1.84184	62.08	PK-U	31.1	-49.95	0	43.23	-	-	68.2	-24.97	1	101	V
			1.843807	50.2	ADR	31.1	-50.04	2.52	33.78	-	-	-	-	1	101	V
			1.844934	50.33	ADR	31.2	-49.91	2.52	34.14	-	-	-	-	1	199	H
			1.845261	61.7	PK-U	31.2	-49.93	0	42.97	-	-	68.2	-25.23	1	199	H
			11.071391	58.53	PK-U	37.9	-45.48	0	50.95	-	-	74	-23.05	1	199	V
			11.075491	46.63	ADR	37.9	-45.3	2.52	41.75	54	-12.25	-	-	1	199	H
			11.086556	46.61	ADR	37.9	-45.06	2.52	41.97	54	-12.03	-	-	1	199	V
			11.09062	58.82	PK-U	37.9	-45.06	0	51.66	-	-	74	-22.34	1	199	H
			15.750591	59.04	PK-U	40.6	-44.54	0	55.1	-	-	74	-18.9	1	199	H
			15.774986	58.7	PK-U	40.6	-45	0	54.3	-	-	74	-19.7	1	101	V
			15.775529	46.88	ADR	40.6	-44.74	2.52	45.26	54	-8.74	-	-	1	199	H
			15.786697	46.83	ADR	40.6	-44.87	2.52	45.08	54	-8.92	-	-	1	101	V
	5844	6 + 5	1.731091	61.54	PK-U	29.6	-49.42	0	41.72	-	-	68.2	-26.48	166	381	V
			1.739891	49.59	ADR	29.7	-49.48	2.52	32.33	-	-	-	-	166	381	V
			1.84234	63.14	PK-U	31.1	-49.87	0	44.37	-	-	68.2	-23.83	0	199	H
			1.847647	50.1	ADR	31.2	-50.06	2.52	33.76	-	-	-	-	0	199	H
			10.315013	48.63	ADR	37.5	-48.1	2.52	40.55	-	-	-	-	166	101	H
			10.320408	60.57	PK-U	37.5	-47.6	0	50.47	-	-	68.2	-17.73	166	101	H
			10.330254	60.23	PK-U	37.5	-47.57	0	50.16	-	-	68.2	-18.04	166	101	V
			10.335943	48.5	ADR	37.5	-47.49	2.52	41.03	-	-	-	-	166	101	V
			12.594681	58.78	PK-U	39.1	-45.5	0	52.38	-	-	74	-21.62	166	101	H
			12.602876	46.3	ADR	39.1	-45.2	2.52	42.72	54	-11.28	-	-	166	101	H
			12.610085	46.23	ADR	39.1	-45.27	2.52	42.58	54	-11.42	-	-	166	200	V
			12.62844	58.61	PK-U	39.1	-44.77	0	52.94	-	-	74	-21.06	166	200	V
HDT2	5733	6 + 5	2.224486	61.11	PK-U	31.8	-50.37	0	42.54	-	-	74	-31.46	1	101	H
			2.214813	49.24	ADR	31.8	-50.29	0.16	30.91	54	-23.09	-	-	1	101	H
			2.2318	61.62	PK-U	31.7	-50.32	0	43	-	-	74	-31	1	101	V
			2.21594	49.33	ADR	31.8	-50.29	0.16	31	54	-23	-	-	1	101	V
			7.422773	57.03	PK-U	35.6	-46.78	0	45.85	-	-	74	-28.15	1	101	H
			7.448399	45.07	ADR	35.6	-46.85	0.16	33.98	54	-20.02	-	-	1	101	H
			11.891081	54.6	PK-U	38.9	-43.7	0	49.8	-	-	74	-24.2	1	101	H
			11.908507	42.76	ADR	38.9	-43.5	0.16	38.32	54	-15.68	-	-	1	101	H
			7.441458	56.7	PK-U	35.6	-46.8	0	45.5	-	-	74	-28.5	1	101	V
			7.451005	45.22	ADR	35.6	-46.82	0.16	34.16	54	-19.84	-	-	1	101	V
			11.881107	55.02	PK-U	38.9	-43.66	0	50.26	-	-	74	-23.74	1	101	V
			11.909014	42.74	ADR	38.9	-43.5	0.16	38.3	54	-15.7	-	-	1	101	V
	5788	6 + 5	2.775337	59.69	PK-U	32.6	-49.25	0	43.04	-	-	74	-30.96	0	101	H
			2.773903	48.07	ADR	32.6	-49.26	0.16	31.57	54	-22.43	-	-	0	101	H
			2.770643	59.96	PK-U	32.5	-49.24	0	43.22	-	-	74	-30.78	0	101	V
			2.77219	47.95	ADR	32.5	-49.24	0.16	31.37	54	-22.63	-	-	0	101	V
			11.037462	55.86	PK-U	37.6	-45.32	0	48.14	-	-	74	-25.86	0	101	H
			11.044399	44.16	ADR	37.6	-45.31	0.16	36.61	54	-17.39	-	-	0	101	H
			16.444513	54.07	PK-U	40.5	-42.07	0	52.5	-	-	68.2	-15.7	0	101	H
			16.478073	42.35	ADR	40.6	-42.26	0.16	40.85	-	-	-	-	0	101	H
			11.035608	55.51	PK-U	37.6	-45.31	0	47.8	-	-	74	-26.2	0	101	V
			11.046479	44.17	ADR	37.6	-45.31	0.16	36.62	54	-17.38	-	-	0	101	V
			16.446755	54.45	PK-U	40.5	-42.06	0	52.89	-	-	68.2	-15.31	0	101	V
			16.471533	42.38	ADR	40.6	-42.23	0.16	40.91	-	-	-	-	0	101	V
	5844	6 + 5	2.875378	59.63	PK-U	32.6	-49.18	0	43.05	-	-	74	-30.95	0	101	H
			2.875918	47.86	ADR	32.6	-49.17	0.16	31.45	54	-22.55	-	-	0	101	H
			2.878673	59.55	PK-U	32.6	-49.16	0	42.99	-	-	74	-31.01	0	101	V
			2.882833	48.13	ADR	32.6	-49.23	0.16	31.66	54	-22.34	-	-	0	101	V
			11.865248	55	PK-U	38.8	-43.54	0	50.26	-	-	74	-23.74	0	101	H
			11.865897	43.14	ADR	38.8	-43.52	0.16	38.58	54	-15.42	-	-	0	101	H
			16.880957	54.02	PK-U	41.2	-42.08	0	53.14	-	-	68.2	-15.06	0	101	H
			16.878175	42.43	ADR	41.2	-42.01	0.16	41.78	-	-	-	-	0	101	H
			11.864119	54.6	PK-U	38.8	-43.57	0	49.83	-	-	74	-24.17	0	101	V
			11.846581	43.03	ADR	38.8	-43.8	0.16	38.19	54	-15.81	-	-	0	101	V
			16.856692	53.4	PK-U	41.2	-41.8	0	52.8	-	-	68.2	-15.4	0	101	V
			16.877092	42.1	ADR	41.2	-42.04	0.16	41.42	-	-	-	-	0	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA TEL:(510) 319-4000 FAX:(510) 661-0888

UNII-3 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDR4	5733	6 + 5	2.8703	75.78	PK-U	32.1	-49.43	0	58.45	-	-	74	-15.55	355	382	V
			2.871677	59.9	PK-U	32.1	-49.43	0	42.57	-	-	74	-31.43	96	317	H
			2.872015	48.33	ADR	32.1	-49.43	1.09	32.09	54	-21.91	-	-	355	382	V
			2.873832	48.53	ADR	32.1	-49.39	1.09	32.33	54	-21.67	-	-	96	317	H
			11.455429	44.06	ADR	38.1	-44.6	1.09	38.65	54	-15.35	-	-	124	334	V
			11.456439	55.39	PK-U	38.1	-44.57	0	48.92	-	-	74	-25.08	124	334	V
			11.474037	43.93	ADR	38.1	-44.58	1.09	38.54	54	-15.46	-	-	101	394	H
			11.476159	55.86	PK-U	38.1	-44.6	0	49.36	-	-	74	-24.64	101	394	H
			17.173353	56.76	PK-U	41.5	-43.49	0	54.77	-	-	68.2	-13.43	356	267	V
			17.175254	44.83	ADR	41.5	-43.48	1.09	43.94	-	-	-	-	356	267	V
			17.201853	44.55	ADR	41.4	-43.79	1.09	43.25	-	-	-	-	200	179	H
			17.203051	56.1	PK-U	41.4	-43.75	0	53.75	-	-	68.2	-14.45	200	179	H
	5788	6 + 5	2.891219	58.78	PK-U	32.3	-49.16	0	41.92	-	-	74	-32.08	9	279	V
			2.89243	47.23	ADR	32.3	-49.13	1.09	31.49	54	-22.51	-	-	9	279	V
			2.893273	59.28	PK-U	32.3	-49.12	0	42.46	-	-	74	-31.54	65	379	H
			2.895595	47.6	ADR	32.3	-49.16	1.09	31.83	54	-22.17	-	-	65	379	H
			11.573769	43.96	ADR	38.2	-44.12	1.09	39.13	54	-14.87	-	-	182	150	H
			11.575317	43.84	ADR	38.2	-44.1	1.09	39.03	54	-14.97	-	-	120	338	H
			11.575588	55.99	PK-U	38.2	-44.12	0	50.07	-	-	74	-23.93	120	338	H
			11.576081	55.46	PK-U	38.2	-44.15	0	49.51	-	-	74	-24.49	182	150	H
			17.362317	56.06	PK-U	41.4	-43.51	0	53.95	-	-	68.2	-14.25	283	115	V
			17.363111	44.72	ADR	41.4	-43.49	1.09	43.72	-	-	-	-	283	115	V
			17.364437	55.95	PK-U	41.4	-43.43	0	53.92	-	-	68.2	-14.28	345	135	H
			17.364691	44.52	ADR	41.4	-43.42	1.09	43.59	-	-	-	-	345	135	H
	5844	6 + 5	2.924979	47.91	ADR	32.4	-49.34	1.09	32.06	-	-	-	-	221	153	H
			2.926394	60	PK-U	32.5	-49.32	0	43.18	-	-	68.2	-25.02	345	235	V
			2.926431	60.73	PK-U	32.5	-49.32	0	43.91	-	-	68.2	-24.29	221	153	H
			2.926572	47.87	ADR	32.5	-49.33	1.09	32.13	-	-	-	-	345	235	V
			11.696339	44.22	ADR	38.4	-44.37	1.09	39.34	54	-14.66	-	-	246	187	H
			11.696894	44.05	ADR	38.4	-44.39	1.09	39.15	54	-14.85	-	-	134	312	V
			11.69807	56.24	PK-U	38.4	-44.38	0	50.26	-	-	74	-23.74	246	187	H
			11.698505	55.94	PK-U	38.4	-44.41	0	49.93	-	-	74	-24.07	134	312	V
			17.542103	55.94	PK-U	41.6	-42.57	0	54.97	-	-	68.2	-13.23	149	364	V
			17.54269	55.7	PK-U	41.6	-42.58	0	54.72	-	-	68.2	-13.48	53	263	H
			17.543026	44.17	ADR	41.6	-42.59	1.09	44.27	-	-	-	-	53	263	H
			17.544708	43.92	ADR	41.6	-42.63	1.09	43.98	-	-	-	-	149	364	V
HDR8	5733	6 + 5	2.866774	48.32	ADR	32.1	-49.45	1.07	32.04	54	-21.96	-	-	266	380	H
			2.867604	59.85	PK-U	32.1	-49.47	0	42.48	-	-	74	-31.52	266	380	H
			2.869325	48.83	ADR	32.1	-49.47	1.07	32.53	54	-21.47	-	-	186	366	V
			2.870947	60.62	PK-U	32.1	-49.44	0	43.28	-	-	74	-30.72	186	366	V
			11.454564	44.13	ADR	38.1	-44.61	1.07	38.69	54	-15.31	-	-	155	204	V
			11.454604	55.51	PK-U	38.1	-44.61	0	49	-	-	74	-25	155	204	V
			11.455965	55.46	PK-U	38.1	-44.57	0	48.99	-	-	74	-25.01	347	343	H
			11.458205	43.99	ADR	38.1	-44.6	1.07	38.56	54	-15.44	-	-	347	343	H
			17.184289	44.71	ADR	41.4	-43.74	1.07	43.44	-	-	-	-	225	389	H
			17.186495	56.21	PK-U	41.4	-43.71	0	53.9	-	-	68.2	-14.3	238	158	V
			17.186716	44.46	ADR	41.4	-43.7	1.07	43.23	-	-	-	-	238	158	V
			17.187224	56.33	PK-U	41.4	-43.68	0	54.05	-	-	68.2	-14.15	225	389	H
	5788	6 + 5	2.861842	48.44	ADR	32	-49.54	1.07	31.97	54	-22.03	-	-	211	107	V
			2.862806	48.62	ADR	32	-49.52	1.07	32.17	54	-21.83	-	-	179	303	H
			2.8631	60.14	PK-U	32	-49.52	0	42.62	-	-	74	-31.38	211	107	V
			2.865344	60.26	PK-U	32.1	-49.49	0	42.87	-	-	74	-31.13	179	303	H
			11.459995	55.53	PK-U	38.1	-44.57	0	49.06	-	-	74	-24.94	277	331	H
			11.460825	44.12	ADR	38.1	-44.59	1.07	38.7	54	-15.3	-	-	333	146	V
			11.462919	44.14	ADR	38.1	-44.68	1.07	38.63	54	-15.37	-	-	277	331	H
			11.463502	55.76	PK-U	38.1	-44.67	0	49.19	-	-	74	-24.81	333	146	V
			17.182533	56.32	PK-U	41.4	-43.7	0	54.02	-	-	68.2	-14.18	360	266	H
			17.183535	44.69	ADR	41.4	-43.72	1.07	43.44	-	-	-	-	360	266	H
			17.185729	44.72	ADR	41.4	-43.72	1.07	43.47	-	-	-	-	28	276	V
			17.186877	56.62	PK-U	41.4	-43.69	0	54.33	-	-	68.2	-13.87	28	276	V
	5844	6 + 5	1.884114	63.55	PK-U	31.4	-49.99	0	44.96	-	-	68.2	-23.24	360	101	V
			1.892168	62.51	PK-U	31.4	-49.95	0	43.96	-	-	68.2	-24.24	360	200	H
			1.895774	50.39	ADR	31.4	-50.05	1.07	32.81	-	-	-	-	360	101	V
			1.899508	50.5	ADR	31.4	-49.65	1.07	33.32	-	-	-	-	360	200	H
			9.909298	48.78	ADR	37.2	-47.23	1.07	39.82	-	-	-	-	360	200	H
			9.91057	48.68	ADR	37.2	-47.13	1.07	39.82	-	-	-	-	360	200	V
			9.921401	60.7	PK-U	37.2	-47.56	0	50.34	-	-	68.2	-17.86	360	200	V
			9.927365	60.5	PK-U	37.2	-47.33	0	50.37	-	-	68.2	-17.83	360	200	H
			11.098461	46.43	ADR	37.9	-44.85	1.07	40.55	54	-13.45	-	-	360	101	V
			11.102447	46.4	ADR	37.9	-44.9	1.07	40.47	54	-13.53	-	-	360	101	H
			11.115021	58.51	PK-U	37.9	-45.3	0	51.11	-	-	74	-22.89	360	101	V
			11.115621	58.23	PK-U	37.9	-45.18	0	50.95	-	-	74	-23.05	360	101	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA TEL:(510) 319-4000 FAX:(510) 661-0888

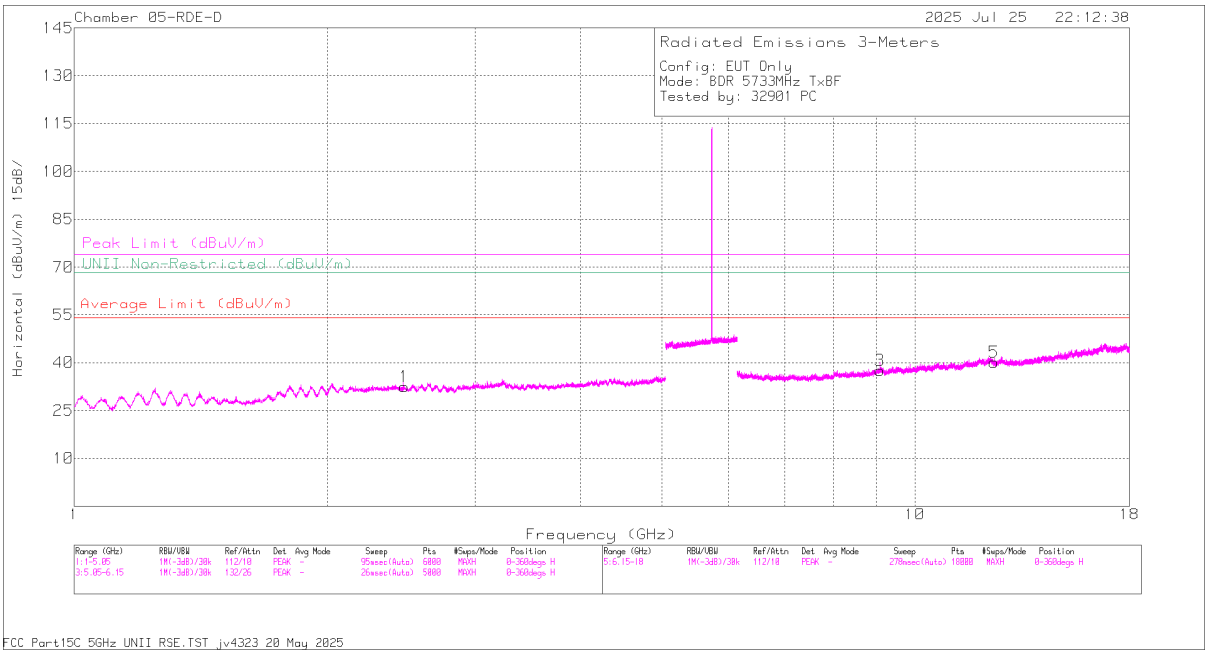
UNII-3 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDRPL8	5733	6 + 5	2.864918	60.37	PK-U	32.1	-49.5	0	42.97	-	-	74	-31.03	209	180	V
			2.864918	48.61	ADR	32.1	-49.5	0.22	31.43	54	-22.57	-	-	209	180	V
			2.867429	59.98	PK-U	32.1	-49.47	0	42.61	-	-	74	-31.39	46	225	H
			2.86782	48.47	ADR	32.1	-49.48	0.22	31.31	54	-22.69	-	-	46	225	H
			11.455554	55.45	PK-U	38.1	-44.6	0	48.95	-	-	74	-25.05	142	218	V
			11.455666	44.25	ADR	38.1	-44.59	0.22	37.98	54	-16.02	-	-	142	218	V
			11.457794	55.71	PK-U	38.1	-44.59	0	49.22	-	-	74	-24.78	169	248	H
			11.457978	44.25	ADR	38.1	-44.6	0.22	37.97	54	-16.03	-	-	169	248	H
			17.183046	56.97	PK-U	41.4	-43.7	0	54.67	-	-	68.2	-13.53	127	259	V
			17.184201	44.78	ADR	41.4	-43.74	0.22	42.66	-	-	-	-	195	314	H
			17.184236	56.67	PK-U	41.4	-43.74	0	54.33	-	-	68.2	-13.87	195	314	H
			17.186431	44.9	ADR	41.4	-43.71	0.22	42.81	-	-	-	-	127	259	V
	5788	6 + 5	2.884037	59.52	PK-U	32.2	-49.24	0	42.48	-	-	74	-31.52	153	384	V
			2.884306	48.32	ADR	32.2	-49.23	0.22	31.51	54	-22.49	-	-	153	384	V
			2.885225	48.02	ADR	32.2	-49.22	0.22	31.22	54	-22.78	-	-	305	294	H
			2.885579	59.76	PK-U	32.2	-49.21	0	42.75	-	-	74	-31.25	305	294	H
			11.573923	55.61	PK-U	38.2	-44.11	0	49.7	-	-	74	-24.3	237	229	H
			11.576925	43.84	ADR	38.2	-44.18	0.22	38.08	54	-15.92	-	-	237	229	H
			11.580726	55.17	PK-U	38.2	-44.23	0	49.14	-	-	74	-24.86	162	338	V
			11.580761	43.88	ADR	38.2	-44.23	0.22	38.07	54	-15.93	-	-	162	338	V
			17.329768	56.07	PK-U	41.4	-43.39	0	54.08	-	-	68.2	-14.12	176	127	V
			17.33031	44.39	ADR	41.4	-43.39	0.22	42.62	-	-	-	-	336	217	H
			17.3309	56.14	PK-U	41.4	-43.4	0	54.14	-	-	68.2	-14.06	336	217	H
			17.331569	44.38	ADR	41.4	-43.41	0.22	42.59	-	-	-	-	176	127	V
	5844	6 + 5	* 2.241891	59.15	PK-U	31.5	-48.92	0	41.73	-	-	74	-32.27	0	101	H
			* 2.243173	47.24	ADR	31.5	-48.92	0.22	30.04	54	-23.96	-	-	0	101	H
			* 11.318521	55.07	PK-U	38.2	-42.81	0	50.46	-	-	74	-23.54	0	199	V
			* 11.320131	43.65	ADR	38.2	-42.9	0.22	39.17	54	-14.83	-	-	0	199	V
			2.561574	57.94	PK-U	32.3	-48.28	0	41.96	-	-	68.2	-26.24	0	101	H
			2.563383	45.93	ADR	32.3	-48.28	0.22	30.17	-	-	-	-	0	101	H
			2.957955	57.08	PK-U	32.2	-46.87	0	42.41	-	-	68.2	-25.79	0	101	V
			2.959733	45.1	ADR	32.2	-46.85	0.22	30.67	-	-	-	-	0	101	V
			8.925879	43.74	ADR	36.2	-43.98	0.22	36.18	-	-	-	-	0	101	H
			8.92621	55.12	PK-U	36.2	-43.98	0	47.34	-	-	68.2	-20.86	0	101	H
			10.243415	44.37	ADR	37.6	-44.02	0.22	38.17	-	-	-	-	0	199	V
			10.245884	55.82	PK-U	37.6	-44.08	0	49.34	-	-	68.2	-18.86	0	199	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

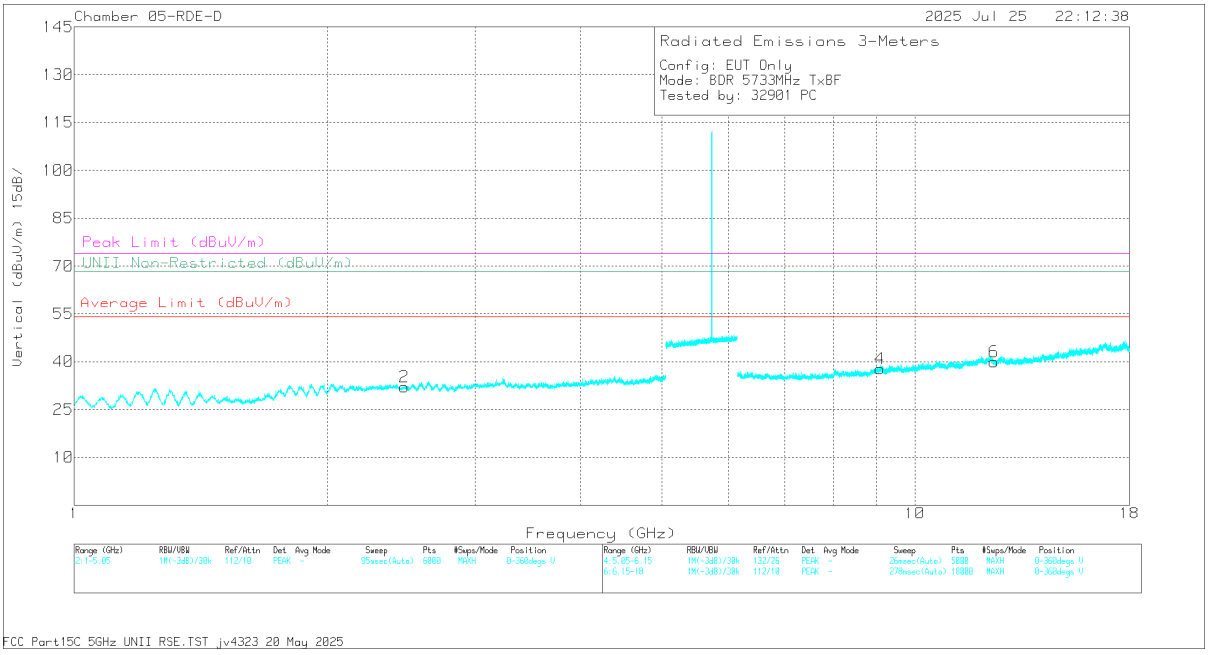
UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA TEL:(510) 319-4000 FAX:(510) 661-0888

2TX Antenna 6 + Antenna 5 TX BF MODE (HIGH POWER)

LOW CHANNEL 5733MHz



HORIZONTAL



VERTICAL

Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4672	48.94	ADR	32.4	1.16	-50.45	32.05	-	-	-	-	-	-	360	200	H
2	2.467212	60.82	PK-U	32.4	0	-50.45	42.77	-	-	-	-	68.2	-25.43	360	200	V
2	2.467998	48.92	ADR	32.4	1.16	-50.46	32.02	-	-	-	-	-	-	360	200	V
1	2.470573	60.73	PK-U	32.4	0	-50.46	42.67	-	-	-	-	68.2	-25.53	360	200	H
3	9.08833	57.14	PK-U	36.1	0	-45.29	47.95	-	-	74	-26.05	-	-	360	200	H
4	9.090767	57.61	PK-U	36.1	0	-45.34	48.37	-	-	74	-25.63	-	-	360	101	V
4	9.091359	45.35	ADR	36.1	1.16	-45.33	37.28	54	-16.72	-	-	-	-	360	200	H
3	9.092455	45.57	ADR	36.1	1.16	-45.35	37.48	54	-16.52	-	-	-	-	360	101	V
6	12.417383	55.34	PK-U	39	0	-43.93	50.41	-	-	74	-23.59	-	-	360	200	V
6	12.419222	43.16	ADR	39	1.16	-43.98	39.34	54	-14.66	-	-	-	-	360	200	V
5	12.42375	55.55	PK-U	39	0	-43.97	50.58	-	-	74	-23.42	-	-	360	200	H
5	12.424171	43.26	ADR	39	1.16	-43.96	39.46	54	-14.54	-	-	-	-	360	200	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

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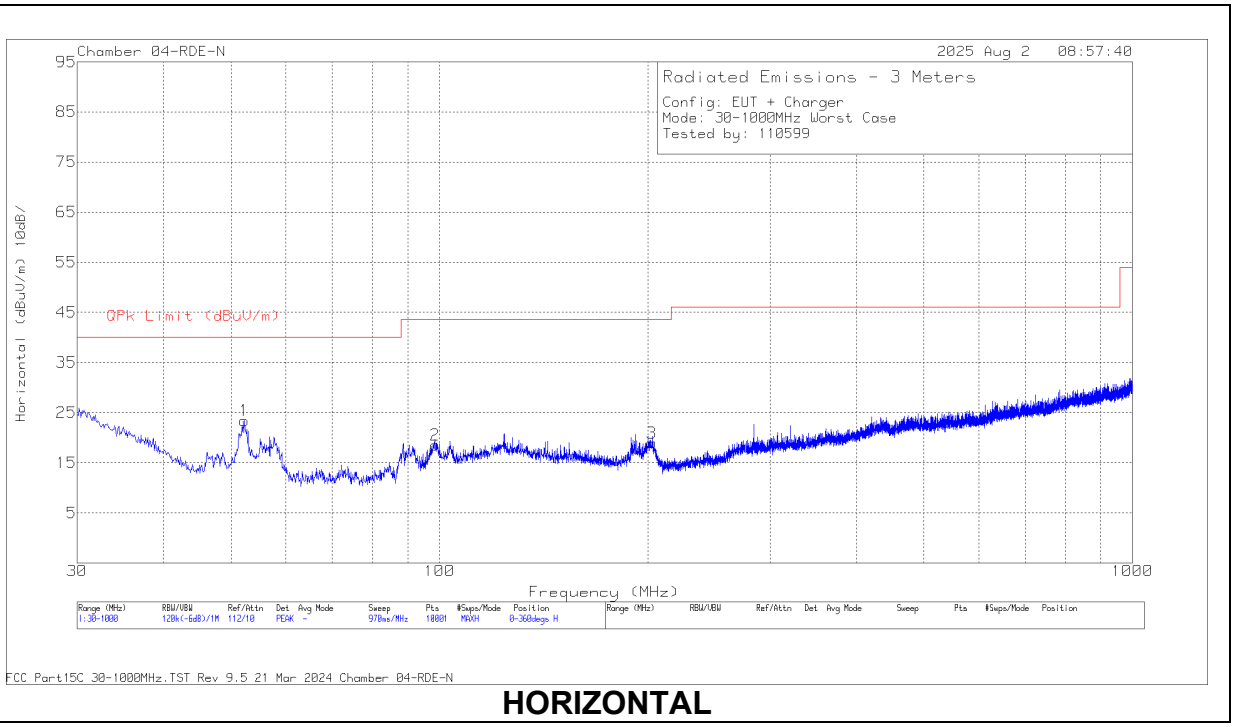
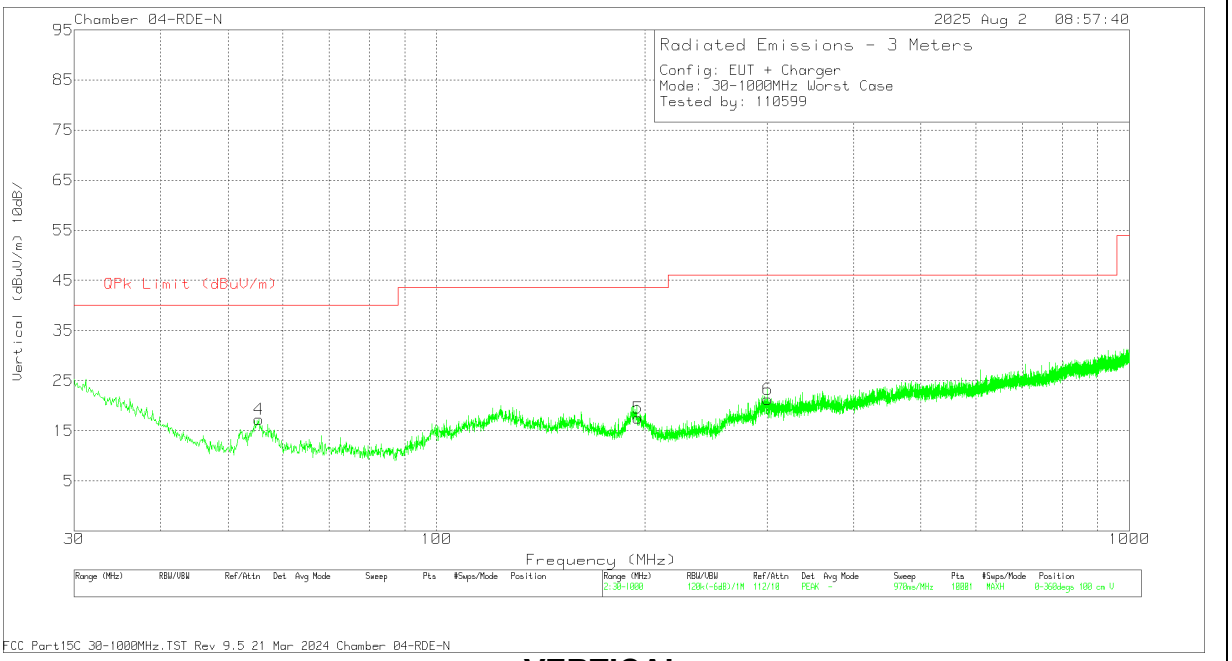
10.2. WORST CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



HORIZONTAL



VERTICAL

Below 1GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	222008_ACF (dB/m)	Amp Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	52.31	42.32	Pk	13.3	-32.2	0	23.42	40	-16.58	0-360	100	H
4	55.414	36.34	Pk	13.1	-32.2	0	17.24	40	-22.76	0-360	100	V
2	98.579	34.39	Pk	16	-31.9	0	18.49	43.52	-25.03	0-360	100	H
5	195.288	31.15	Pk	17.7	-31.3	0	17.55	43.52	-25.97	0-360	100	V
3	202.563	32.56	Pk	17.8	-31.4	0	18.96	43.52	-24.56	0-360	100	H
6	300.63	32.92	Pk	19.2	-30.8	0	21.32	46.02	-24.7	0-360	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Qp - Quasi-Peak detector

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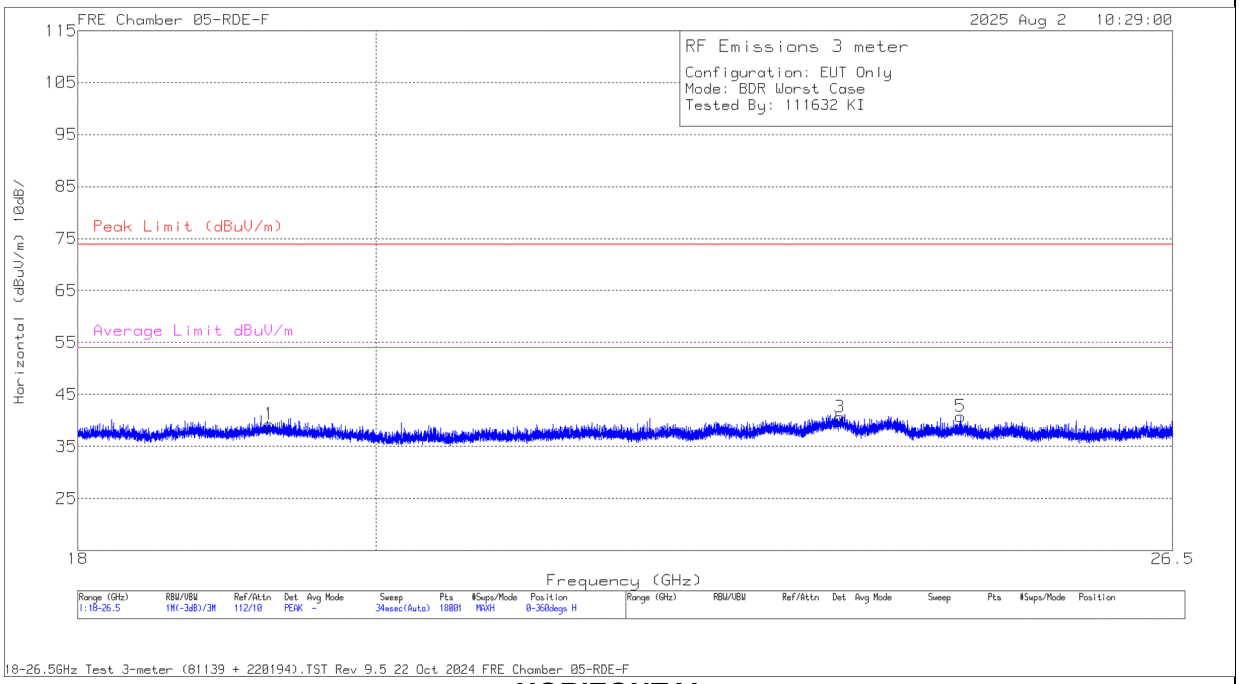
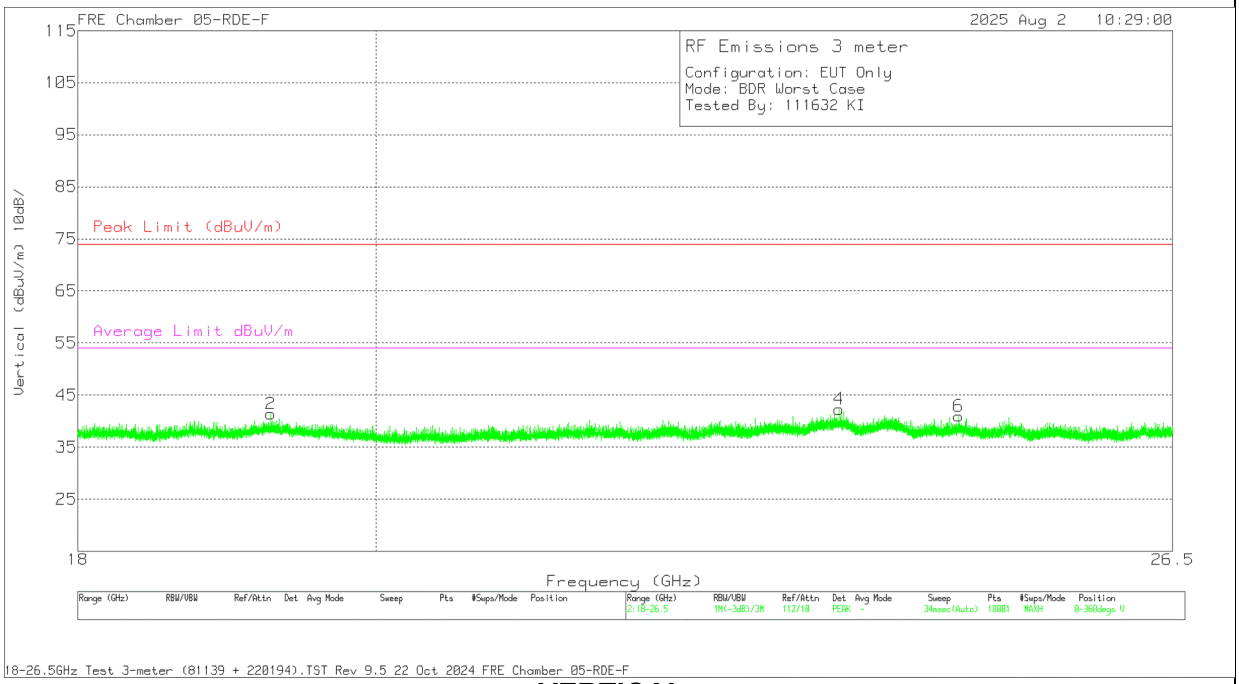
10.3. WORST CASE 18-26 GHz

SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)



HORIZONTAL



VERTICAL

18 – 26GHz Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81139 ACF (dB/m)	CBL/AMP	Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit dBuV/m	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	19.260361	55.38	Pk	32.9	-62.3	13.3	0	39.28	74	-34.72	-	-	0-360	200	H
3	23.558053	54.68	Pk	34	-62.7	14.7	0	40.68	74	-33.32	-	-	0-360	101	H
5	24.587969	54.14	Pk	34.1	-62.7	15.2	0	40.74	74	-33.26	-	-	0-360	101	H
2	19.269805	57.45	Pk	32.9	-62.3	13.3	0	41.35	74	-32.65	-	-	0-360	200	V
4	23.554275	56.24	Pk	34	-62.7	14.7	0	42.24	74	-31.76	-	-	0-360	200	V
6	24.569552	54.36	Pk	34.1	-62.7	15.2	0	40.96	74	-33.04	-	-	0-360	200	V

Pk - Peak detector

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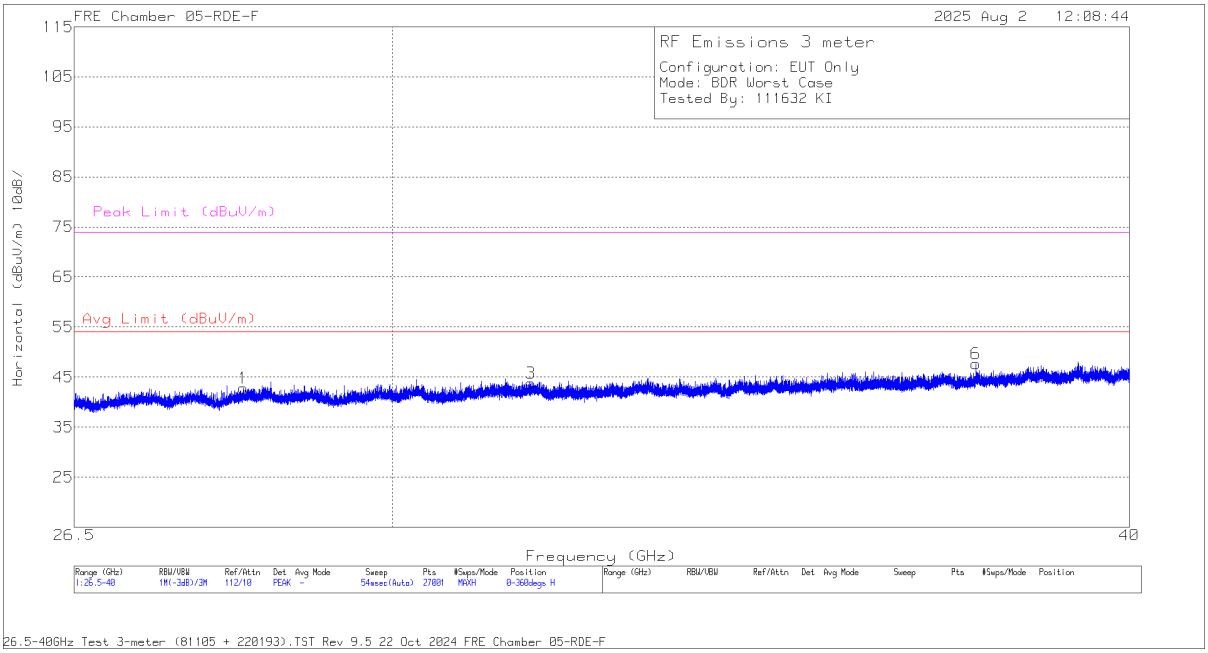
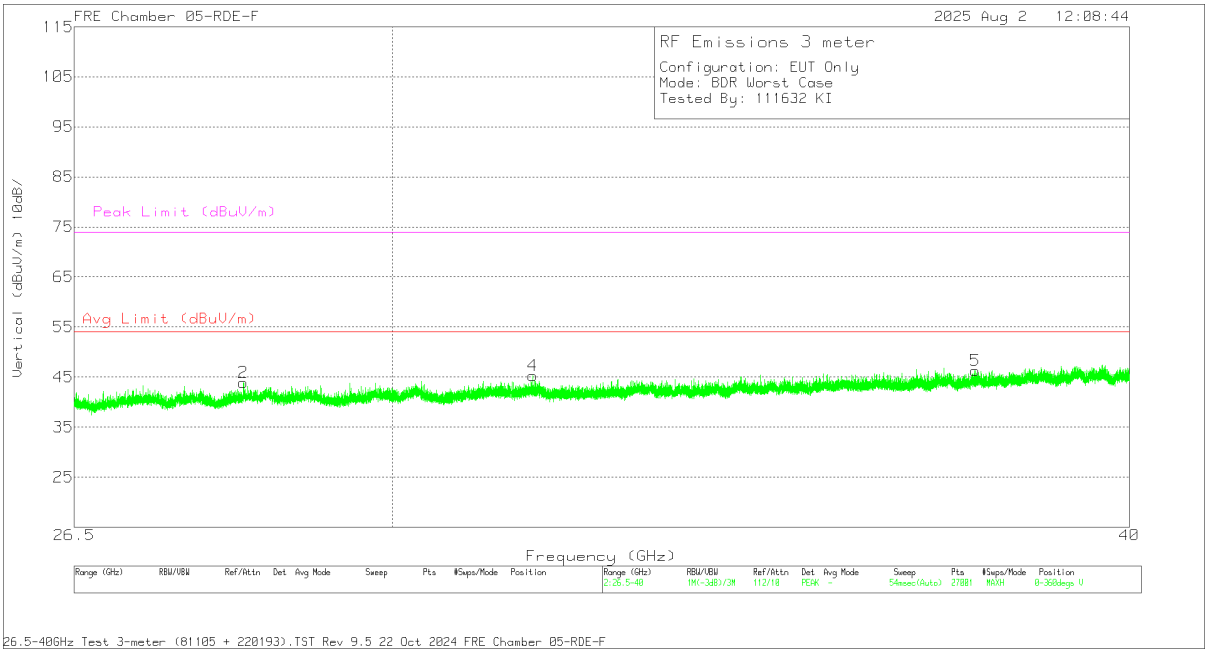
10.4. WORST CASE 26-40 GHz

SPURIOUS EMISSIONS 26-40 GHz (WORST-CASE CONFIGURATION)

HORIZONTAL



VERTICAL



26 – 40GHz Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81105 ACF (dB/m)	CBL/AMP	Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	28.31	54.88	Pk	36.1	-64.6	16.4	0	42.78	-	-	74	-31.22	0-360	101	H
3	31.6715	51.12	Pk	36.5	-61.2	17.4	0	43.82	-	-	74	-30.18	0-360	200	H
6	37.6745	56.33	Pk	37.9	-65.8	19.2	0	47.63	-	-	74	-26.37	0-360	200	H
2	28.31	56.02	Pk	36.1	-64.6	16.4	0	43.92	-	-	74	-30.08	0-360	101	V
4	31.695	52.66	Pk	36.5	-61.3	17.4	0	45.26	-	-	74	-28.74	0-360	200	V
5	37.6625	54.81	Pk	37.9	-65.7	19.3	0	46.31	-	-	74	-27.69	0-360	101	V

Pk - Peak detector

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11. AC POWERLINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

Frequency of Emission (MHz)	Conducted Limit (dBµV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

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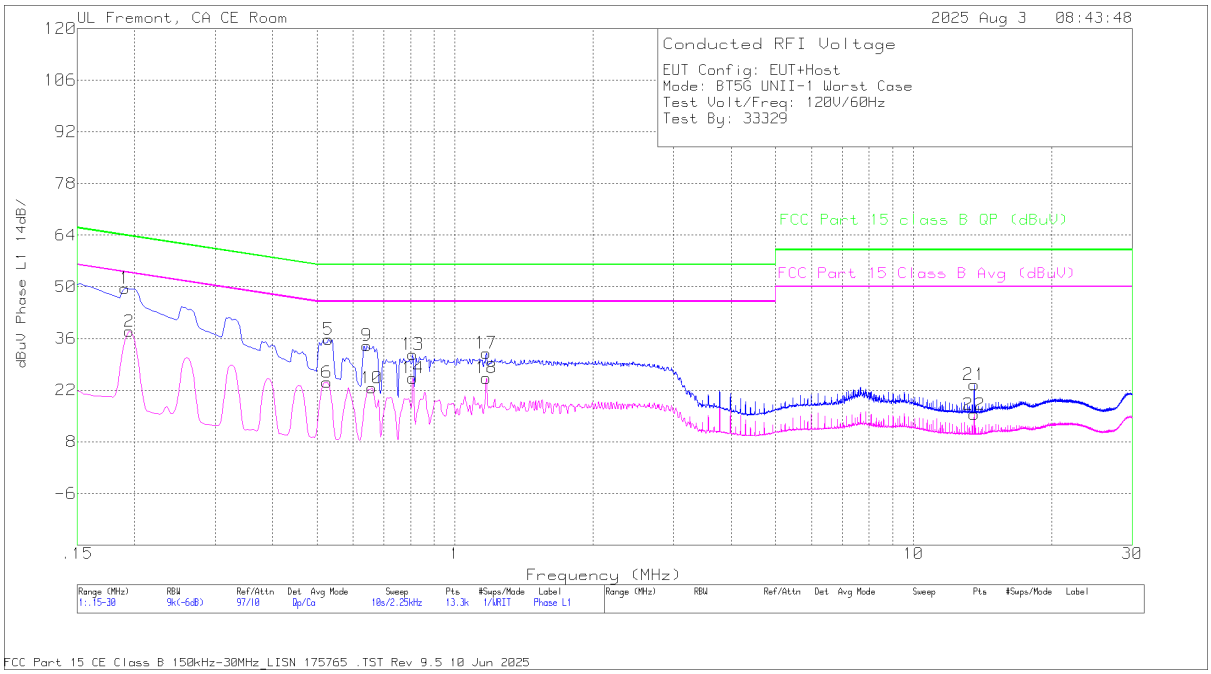
11.1. AC POWER LINE WITH LAPTOP

LINE 1 RESULTS



Range 1: Phase L1 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Line 1 C3_C1_Limiter no Pad_UL (dB)	LISN (dB)	10dB Atten (dB)	DCCF (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
2	.195	18.2	Ca	9.4	.1	10	.23	37.93	53.82	-15.89	-	-
6	.5258	4.6	Ca	9.3	0	10	.23	24.13	46	-21.87	-	-
10	.6585	2.94	Ca	9.4	0	10	.23	22.57	46	-23.43	-	-
14	.8093	5.65	Ca	9.4	0	10	.23	25.28	46	-20.72	-	-
18	1.1693	5.63	Ca	9.4	0	10	.23	25.26	46	-20.74	-	-
22	13.56	-4.42	Ca	9.5	.1	10	.23	15.41	50	-34.59	-	-
1	.1905	29.85	Qp	9.4	.1	10	.23	49.58	-	-	64.01	-14.43
5	.5303	16.22	Qp	9.3	0	10	.23	35.75	-	-	56	-20.25
9	.6428	14.45	Qp	9.4	0	10	.23	34.08	-	-	56	-21.92
13	.8093	12.07	Qp	9.4	0	10	.23	31.7	-	-	56	-24.3
17	1.1693	12.41	Qp	9.4	0	10	.23	32.04	-	-	56	-23.96
21	13.56	3.64	Qp	9.5	.1	10	.23	23.47	-	-	60	-36.53

Qp - Quasi-Peak detector
Ca - CISPR average detection

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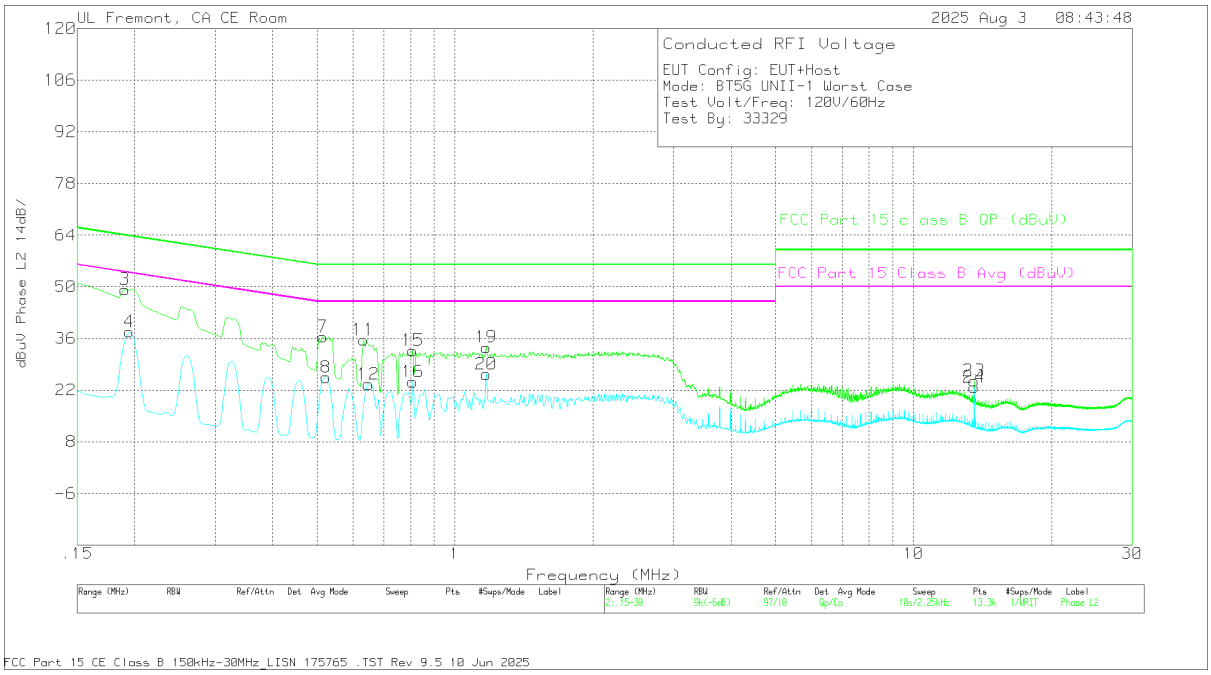
LINE 2 RESULTS



Range 2: Phase L2 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Line 2 C3_C2_Limiter no Pad_UL (dB)	LISN (dB)	10dB Atten (dB)	DCCF (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
4	.195	18.19	Ca	9.4	0	10	.23	37.82	53.82	-16	-	-
8	.5235	5.93	Ca	9.3	0	10	.23	25.46	46	-20.54	-	-
12	.6473	4.05	Ca	9.3	0	10	.23	23.58	46	-22.42	-	-
16	.8093	4.72	Ca	9.3	0	10	.23	24.25	46	-21.75	-	-
20	1.1693	6.78	Ca	9.3	0	10	.23	26.31	46	-19.69	-	-
24	13.56	2.96	Ca	9.5	.1	10	.23	22.79	50	-27.21	-	-
3	.1905	29.65	Qp	9.4	0	10	.23	49.28	-	-	64.01	-14.73
7	.5145	16.93	Qp	9.3	0	10	.23	36.46	-	-	56	-19.54
11	.6315	16.07	Qp	9.3	0	10	.23	35.6	-	-	56	-20.4
15	.8093	13.17	Qp	9.3	0	10	.23	32.7	-	-	56	-23.3
19	1.1693	14.07	Qp	9.3	0	10	.23	33.6	-	-	56	-22.4
23	13.56	4.67	Qp	9.5	.1	10	.23	24.5	-	-	60	-35.5

Qp - Quasi-Peak detector
Ca - CISPR average detection

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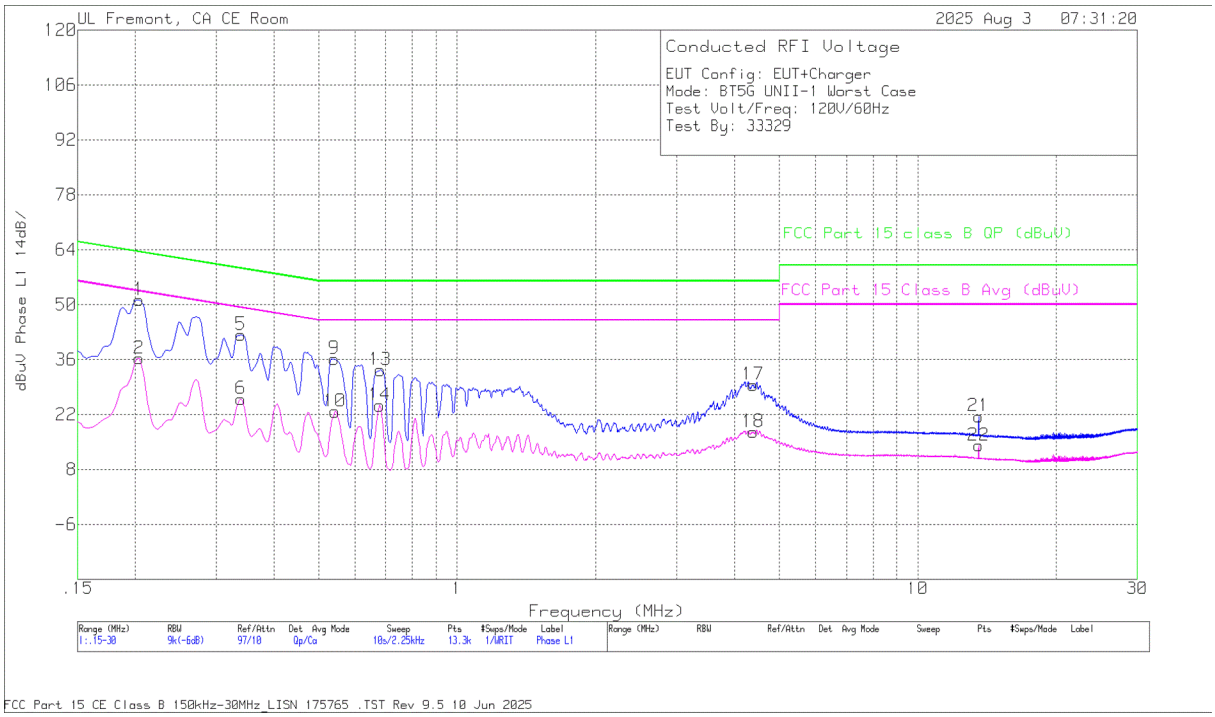
11.2. AC POWER LINE WITH AC/DC ADAPTER

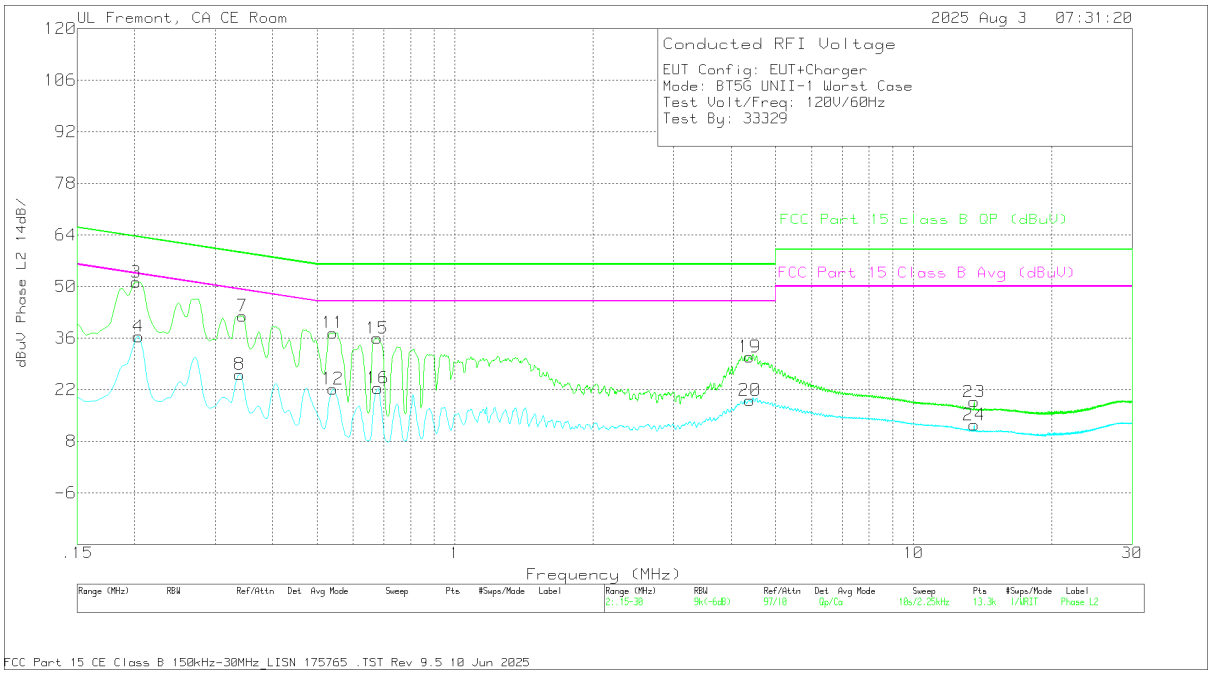
LINE 1 RESULTS



Range 1: Phase L1 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Line 1 C3_C1_Limiter no Pad_UL (dB)	LISN (dB)	10dB Atten (dB)	DCCF (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
2	.204	16.67	Ca	9.4	0	10	.23	36.3	53.45	-17.15	-	-
6	.339	6.34	Ca	9.4	0	10	.23	25.97	49.23	-23.26	-	-
10	.5438	3.24	Ca	9.3	0	10	.23	22.77	46	-23.23	-	-
14	.6788	4.67	Ca	9.4	0	10	.23	24.3	46	-21.7	-	-
18	4.3935	-2.09	Ca	9.4	0	10	.23	17.54	46	-28.46	-	-
22	13.56	-5.74	Ca	9.5	.1	10	.23	14.09	50	-35.91	-	-
1	.204	31.54	Qp	9.4	0	10	.23	51.17	-	-	63.45	-12.28
5	.339	22.67	Qp	9.4	0	10	.23	42.3	-	-	59.23	-16.93
9	.5415	16.66	Qp	9.3	0	10	.23	36.19	-	-	56	-19.81
13	.681	13.81	Qp	9.3	0	10	.23	33.34	-	-	56	-22.66
17	4.3991	9.93	Qp	9.4	0	10	.23	29.56	-	-	56	-26.44
21	13.56	1.7	Qp	9.5	.1	10	.23	21.53	-	-	60	-38.47

Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Phase L2 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Line 2 C3_C2_Limiter no Pad_UL (dB)	LISN (dB)	10dB Atten (dB)	DCCF (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
4	.204	16.78	Ca	9.4	0	10	.23	36.41	53.45	-17.04	-	-
8	.339	6.6	Ca	9.3	0	10	.23	26.13	49.23	-23.1	-	-
12	.5415	2.64	Ca	9.3	0	10	.23	22.17	46	-23.83	-	-
16	.6788	2.87	Ca	9.3	0	10	.23	22.4	46	-23.6	-	-
20	4.3958	-.55	Ca	9.4	0	10	.23	19.08	46	-26.92	-	-
24	13.56	-7.4	Ca	9.5	.1	10	.23	12.43	50	-37.57	-	-
3	.2018	31.52	Qp	9.4	0	10	.23	51.15	-	-	63.54	-12.39
7	.3435	22.48	Qp	9.3	0	10	.23	42.01	-	-	59.12	-17.11
11	.5415	17.89	Qp	9.3	0	10	.23	37.42	-	-	56	-18.58
15	.6765	16.41	Qp	9.3	0	10	.23	35.94	-	-	56	-20.06
19	4.3935	11.24	Qp	9.4	0	10	.23	30.87	-	-	56	-25.13
23	13.56	-1.11	Qp	9.5	.1	10	.23	18.72	-	-	60	-41.28

Qp - Quasi-Peak detector
Ca - CISPR average detection

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12. SETUP PHOTOS

Please refer to 15496278-EP1V1 for setup photos.

APPENDIX A - SPOT CHECK EVALUATION

MODEL DIFFERENCES

The manufacturer hereby declares the following for models A3258, A3519, A3520 and A3521.

These models have the same PCB layout, design, common components, antennas, antenna locations and housing cases, except for FR2 is removed from variants which caused antenna gain changed as documented in section 6.5.1 of the report and disabled/enabled cellular bands via software as shown below.

Model	FCC ID	IC ID	Feature Difference	Sim Support	Reference Model
A3258	BCG-E8947A	579C-E8947A	-With FR2 -No B11/21 -No UL MIMO	eSIM	-
A3519	BCG-E8951A	579C-E8951A	-Without FR2 -Added B11/21 -No UL MIMO	eSIM	A3258
A3520	BCG-E8952A	579C-E8952A	-Without FR2 -No B14, B29, B71, B11/21 -No UL MIMO	eSIM+pSIM	A3258 and A3519
A3521	BCG-E8953A	579C-E8953A	-Without FR2 -No B14, B29, B71, B11/21, B53 -No UL MIMO, MSS	pSIM+pSIM	

The spot check plan allows for data reuse from the reference model where the variant model data meets the limits and has not changed by more than the criteria from KDB 484596 D01 v03 equation (4).

$$d_{dB} = | V_{dB} - R_{dB} | \quad (1)$$

$$d_{dB} \le d_{dBmax} \quad (2)$$

$$d_{dBmax(M_{dB})} = \begin{cases} (3 + M_{dB}/20)\ dB & \text{, for } 0 \le M_{dB} \le 60\ dB \\ 6\ dB & \text{, for } M_{dB} > 60\ dB \end{cases} \quad (4)$$

Where d_{dB} is deviation between the variant and the reference model, V_{dB} is variant spot check level, R_{db} is the corresponding reference measurement level, d_{dBmax} is the maximum deviation d_{dB} allowed, and M_{dB} is the margin in dB.

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SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3519

A3519 SPOT CHECK RESULTS												
Equipment Class / Technology	Frequency (GHz)	Mode	Modulation	Test Item		Channel	Measured Frequency (GHz)	Original Model: A3258 FCC ID : BCG-E8947A IC : 579C-E8947A	Sub Model: A3519 FCC ID : BCG-E8951A IC : 579C-E8951A	Delta (dB)	Margin	Remarks
NII / NB UNII-1 & UNII-3	5150 - 5250 UNII - 1 (FCC)	High Power (ANT 5)	HDRPM8	Avg Power (dBm)	Fundamental	High	5.245	13.49	13.44	-0.05	-10.51	Note 1
		High Power (ANT 5)	HDRPL8	Avg Power (dBm)	Fundamental	Mid	5.203	13.49	13.39	-0.10	-10.51	Note 1
	5150 - 5250 UNII - 1	High Power (ANT 5)	HDRPL8	Avg Radiated Bandedge (dBuV/m)	Horizontal Low Bandedge	Low	5.149612	48.26	47.03	-1.23	-5.74	Note 1
	5725 - 5825 UNII 3	High Power (ANT 5)	BDR	Avg Power (dBm)	Fundamental	Low	5.733	18.74	18.70	-0.04	-11.26	Note 1
		High Power (ANT 5)	HDR8	Pk Radiated Bandedge (dBuV/m)	Horizontal High Bandedge	High	5.988893	-35.34	-37.55	-2.21	-8.34	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3520

A3520 SPOT CHECK RESULTS												
Equipment Class / Technology	Frequency (GHz)	Mode	Modulation	Test Item		Channel	Measured Frequency (GHz)	Original Model: A3258 FCC ID : BCG-E8947A IC : 579C-E8947A	Sub Model: A3520 FCC ID : BCG-E8952A IC : 579C-E8952A	Delta (dB)	Margin	Remarks
NII / NB UNII-1 & UNII-3	5150 - 5250 UNII - 1 (FCC)	High Power (ANT 5)	HDRPM8	Avg Power (dBm)	Fundamental	High	5.245	13.49	13.39	-0.10	-10.51	Note 1
		High Power (ANT 5)	HDRPL8	Avg Power (dBm)	Fundamental	Mid	5.203	13.49	13.44	-0.05	-10.51	Note 1
	5150 - 5250 UNII - 1	High Power (ANT 5)	HDRPL8	Avg Radiated Bandedge (dBuV/m)	Horizontal Low Bandedge	Low	5.149612	48.26	46.09	-2.17	-5.74	Note 1
	5725 - 5825 UNII 3	High Power (ANT 5)	BDR	Avg Power (dBm)	Fundamental	Low	5.733	18.74	18.71	-0.03	-11.26	Note 1
		High Power (ANT 5)	HDR8	Pk Radiated Bandedge (dBuV/m)	Horizontal High Bandedge	High	5.988893	-35.34	-36.52	-1.18	-8.34	Note 1

A3520 SPOT CHECK RESULTS												
Equipment Class / Technology	Frequency (GHz)	Mode	Modulation	Test Item		Channel	Measured Frequency (GHz)	Sub Model: A3519 FCC ID : BCG-E8951A IC : 579C-E8951A	Sub Model: A3520 FCC ID : BCG-E8952A IC : 579C-E8952A	Delta (dB)	Margin	Remarks
NII / NB UNII-1 & UNII-3	5150 - 5250 UNII - 1 (FCC)	High Power (TXBF)	HDRPM8	Avg Power (dBm)	Fundamental	Low	5.162	15.00	15.02	0.02	-9.00	Note 1
		High Power (TXBF)	HDRPL8	Avg Power (dBm)	Fundamental	Low	5.164	16.89	16.70	-0.19	-7.11	Note 1
	5150 - 5250 UNII - 1	High Power (ANT 6)	HDRPL8	Radiated Bandedge (dBuV/m)	Horizontal Low Bandedge	Low	5.149696	50.95	51.03	0.08	-3.05	Note 1
		High Power (TXBF)	HDT2	Peak RSE (dBuV/m)	1 to 18	High	17.602356	61.59	61.95	0.36	-6.61	Note 1
	5725 - 5825 UNII 3	High Power (TXBF)	BDR	Avg Power (dBm)	Fundamental	High	5.844	22.13	22.22	0.09	-7.87	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

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SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3521

A3521 SPOT CHECK RESULTS												
Equipment Class / Technology	Frequency (GHz)	Mode	Modulation	Test Item		Channel	Measured Frequency (GHz)	Original Model: A3258 FCC ID : BCG-E8947A IC : 579C-E8947A	Sub Model: A3521 FCC ID : BCG-E8953A IC : 579C-E8953A	Delta (dB)	Margin	Remarks
NII / NB UNII-1 & UNII-3	5150 - 5250 UNII - 1 (FCC)	High Power (ANT 5)	HDRPM8	Avg Power (dBm)	Fundamental	High	5.245	13.49	13.44	-0.05	-10.51	Note 1
		High Power (ANT 5)	HDRPL8	Avg Power (dBm)	Fundamental	Mid	5.203	13.49	13.28	-0.21	-10.51	Note 1
	5150 - 5250 UNII - 1	High Power (ANT 5)	HDRPL8	Avg Radiated Bandedge (dBuV/m)	Horizontal Low Bandedge	Low	5.149612	48.26	46.43	-1.83	-5.74	Note 1
	5725 - 5825 UNII 3	High Power (ANT 5)	BDR	Avg Power (dBm)	Fundamental	Low	5.733	18.74	18.60	-0.14	-11.26	Note 1
		High Power (ANT 5)	HDR8	Pk Radiated Bandedge (dBuV/m)	Horizontal High Bandedge	High	5.988893	-35.34	-37.23	-1.89	-8.34	Note 1

A3521 SPOT CHECK RESULTS												
Equipment Class / Technology	Frequency (GHz)	Mode	Modulation	Test Item		Channel	Measured Frequency (GHz)	Sub Model: A3519 FCC ID : BCG-E8951A IC : 579C-E8951A	Sub Model: A3521 FCC ID : BCG-E8953A IC : 579C-E8953A	Delta (dB)	Margin	Remarks
NII / NB UNII-1 & UNII-3	5150 - 5250 UNII - 1 (FCC)	High Power (TXBF)	HDRPM8	Avg Power (dBm)	Fundamental	Low	5.162	15.00	14.90	-0.10	-9.00	Note 1
		High Power (TXBF)	HDRPL8	Avg Power (dBm)	Fundamental	Low	5.164	16.89	16.81	-0.08	-7.11	Note 1
	5150 - 5250 UNII - 1	High Power (ANT 6)	HDRPL8	Radiated Bandedge (dBuV/m)	Horizontal Low Bandedge	Low	5.149696	50.95	47.95	-3.00	-3.05	Note 1
		High Power (TXBF)	HDT2	Peak RSE (dBuV/m)	1 to 18	High	17.602356	61.59	62.00	0.41	-6.61	Note 1
	5725 - 5825 UNII 3	High Power (TXBF)	BDR	Avg Power (dBm)	Fundamental	High	5.844	22.13	22.00	-0.13	-7.87	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

END OF REPORT

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