



2736	--	H/V	74/54	--
3040	--	H/V	74.94/54.94	--

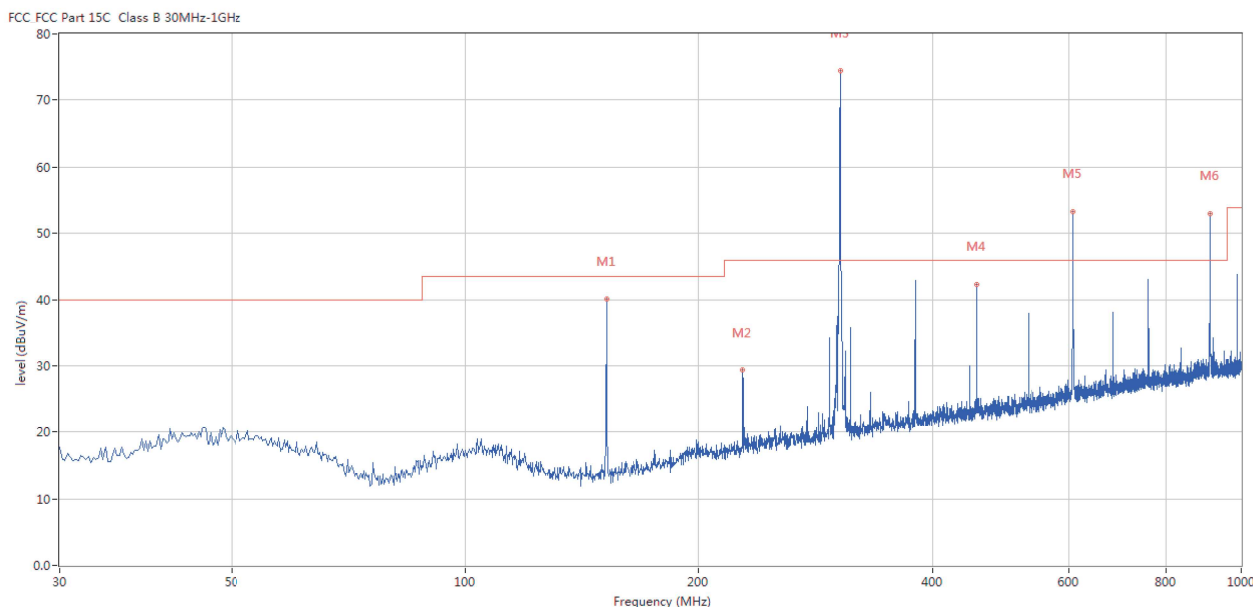
Note: H=Horizontal, V=Vertical, AV=PK- | duty cycle factor | =PK -9.59

B. General Radiated Emission Data
Radiated Emission In Horizontal (30MHz---1000MHz)

EUT set Condition: Keep Transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	151.947	40.04	-16.93	-3.46	1.54	Peak	150.00	100	Horizontal	Pass
2	227.831	29.44	-12.78	46.0	-16.56	Peak	360.00	100	Horizontal	Pass
3	303.957	74.55	-10.99	46.0	28.55	Peak	234.00	100	Horizontal	N/A
4	455.966	42.31	-7.95	46.0	-3.69	Peak	234.00	100	Horizontal	Pass
5	607.976	53.26	-5.05	46.0	7.26	Peak	357.00	100	Horizontal	N/A
6	911.995	53.09	-1.80	46.0	7.09	Peak	81.00	100	Horizontal	N/A

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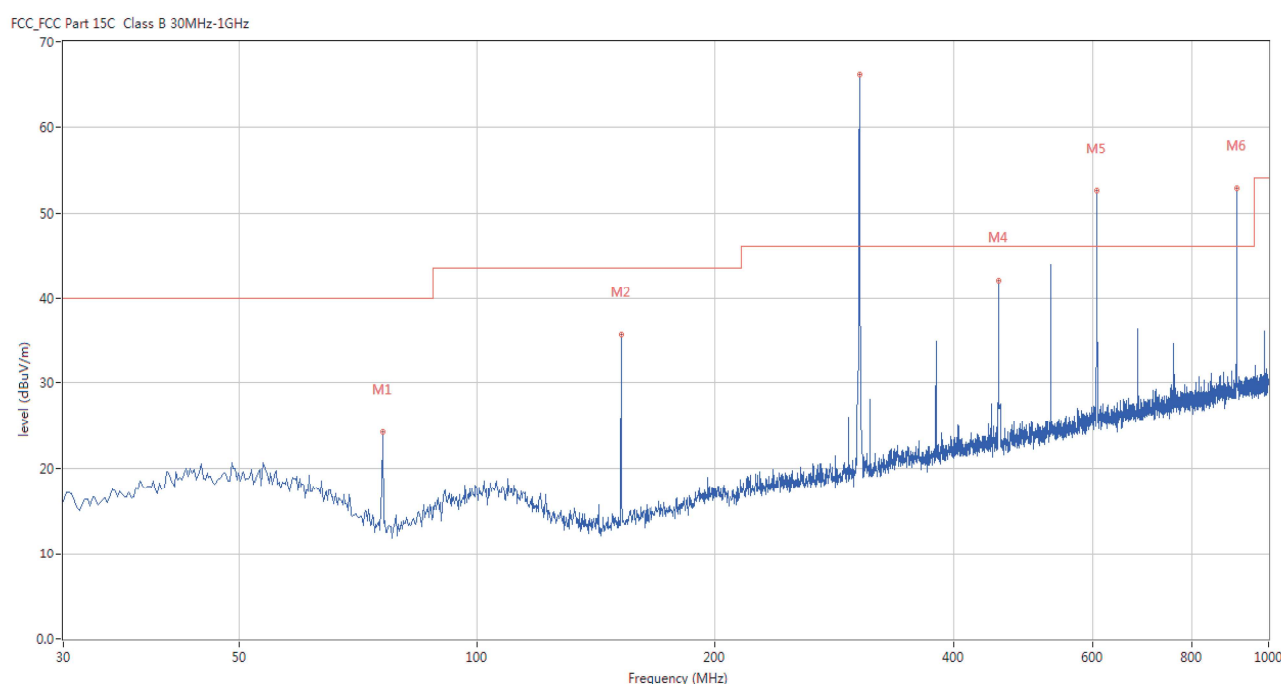
B. General Radiated Emission Data

Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Transmitting

Results: Pass

Please refer to following diagram for individual



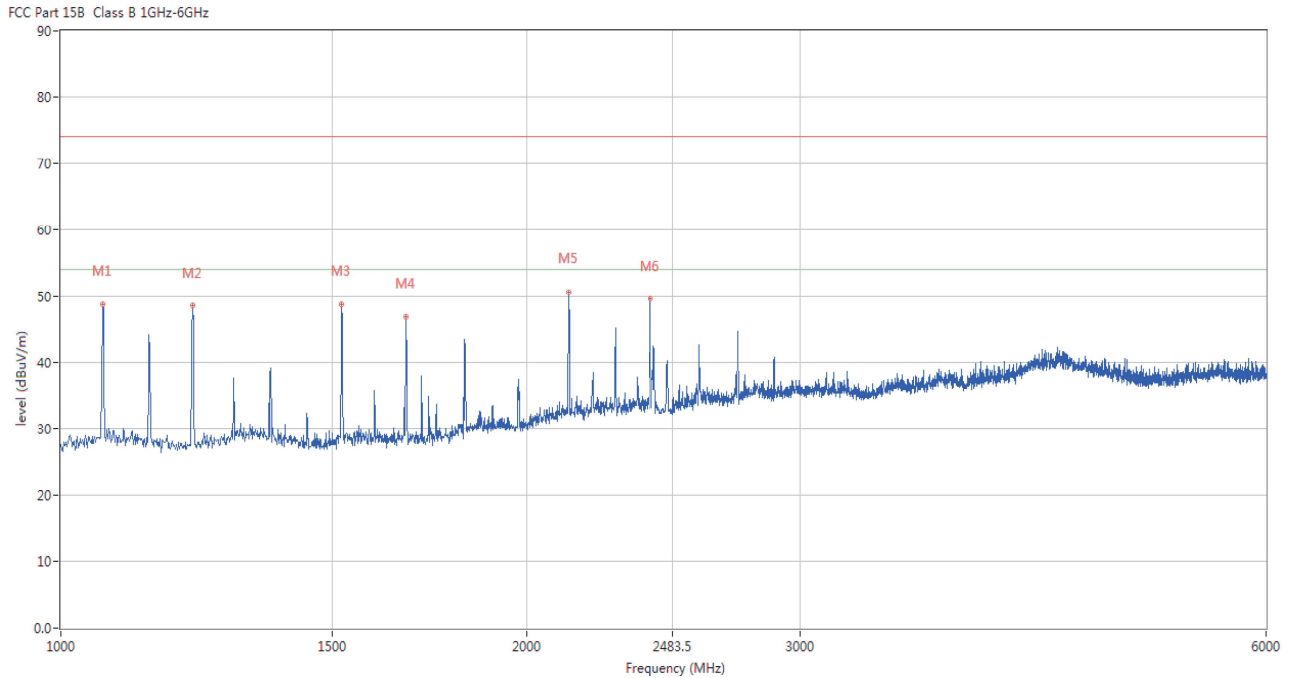
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	76.063	24.26	-17.57	40.0	-15.74	Peak	239.00	100	Vertical	Pass
2	151.947	35.66	-16.93	43.5	-7.84	Peak	239.00	100	Vertical	Pass
3	303.957	66.23	-10.99	46.0	20.23	Peak	25.00	100	Vertical	N/A
4	455.966	42.04	-7.95	46.0	-3.96	Peak	0.00	100	Vertical	Pass
5	607.976	52.55	-5.05	46.0	6.55	Peak	239.00	100	Vertical	N/A
6	911.995	52.85	-1.80	46.0	6.85	Peak	0.00	100	Vertical	N/A

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Test Plot above 1G

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1063.734	48.78	-9.74	74.0	-25.22	Peak	217.00	100	Horizontal	Pass
2	1216.196	48.63	-8.82	74.0	-25.37	Peak	106.00	100	Horizontal	Pass
3	1519.870	48.79	-8.12	74.0	-25.21	Peak	201.00	100	Horizontal	Pass
4	1672.332	47.01	-7.66	74.0	-26.99	Peak	175.00	100	Horizontal	Pass
5	2128.468	50.73	-3.96	74.0	-23.27	Peak	289.00	100	Horizontal	Pass
6	2463.384	49.41	-3.57	74.0	-24.59	Peak	18.00	100	Horizontal	Pass

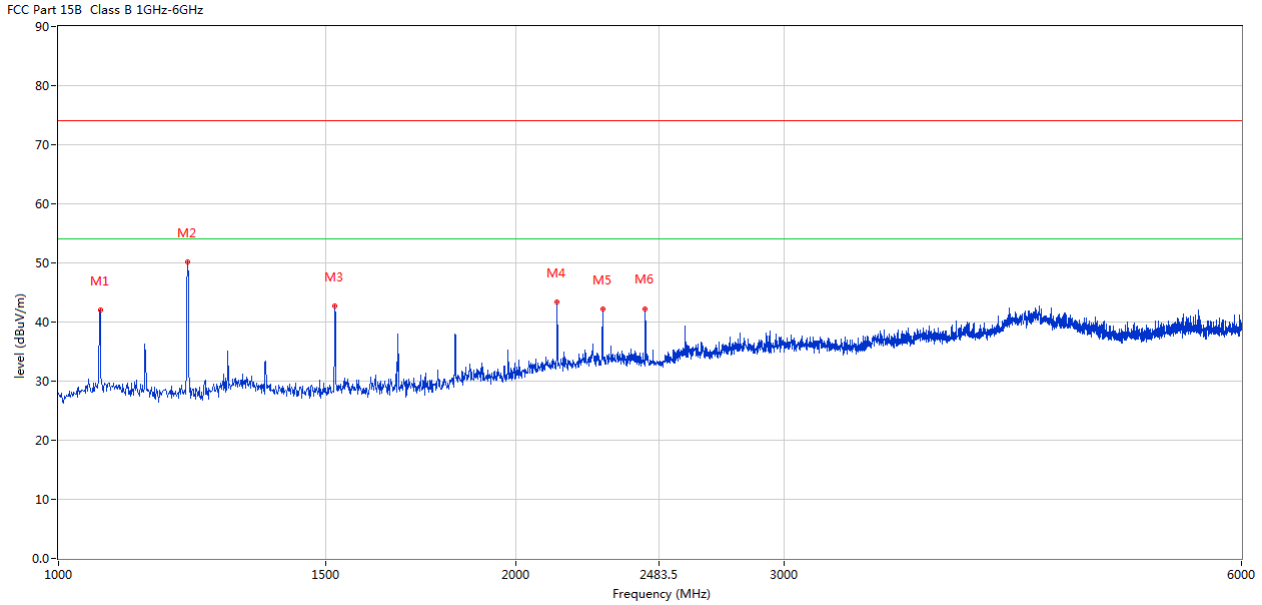
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Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1064.984	42.03	-9.74	74.0	-31.97	Peak	200.00	100	Vertical	Pass
2	1216.196	50.10	-8.82	74.0	-23.90	Peak	119.00	100	Vertical	Pass
3	1519.870	42.68	-8.12	74.0	-31.32	Peak	300.00	100	Vertical	Pass
4	2128.468	43.36	-3.96	74.0	-30.64	Peak	335.00	100	Vertical	Pass
5	2279.680	42.16	-3.20	74.0	-31.84	Peak	300.00	100	Vertical	Pass
6	2460.885	59.22	-3.57	74.0	-14.78	Peak	104.00	100	Vertical	Pass
6	2460.885	AV=59.22-9.59=49.63 dBuV/m<54 dBuV/m								

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7.0 20dB and Bandwidth Testing

7.1 Requirement

Per 15.231(c), The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. Bandwidth is determined at the points 20 dB down from the modulated carrier.

7.2 Test Procedure

With the EUT's antenna attached, the EUT's 20dB Bandwidth power was received by the test antenna which was connected to the spectrum analyzer with the START and STOP frequencies set to the EUT's operation band.

7.3 Test Data

Frequency (MHz)	20dB Bandwidth Emission (kHz)	Limit (kHz)	Result
304	187.37	760	Pass

$$\text{Limit} = \text{Frequency} \times 0.25\% = 304 \times 0.25\% = 760\text{kHz}$$

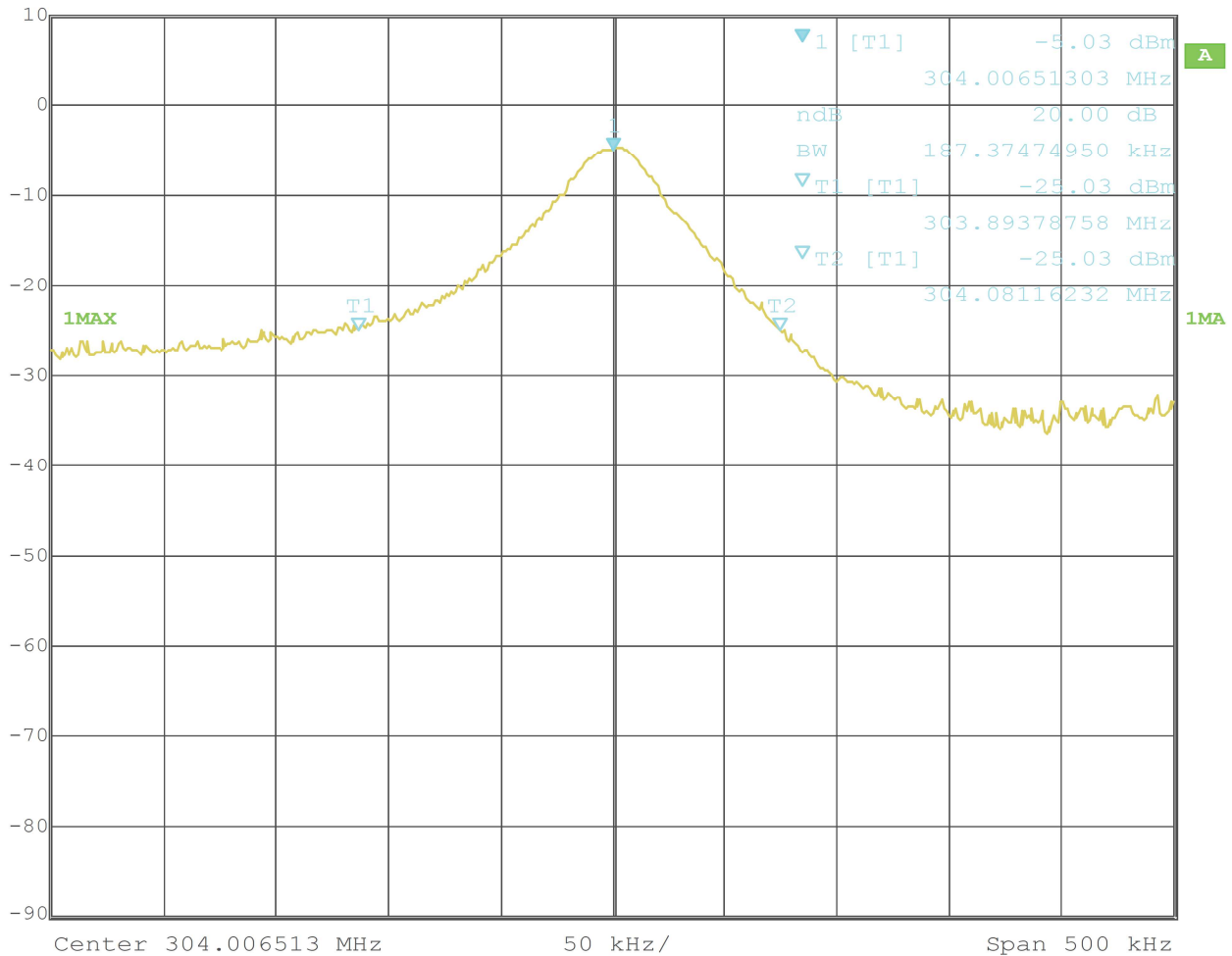
Refer to attached plots:



20dB Bandwidth



Ref Lvl	Marker 1 [T1 ndB]	RBW	30 kHz	RF Att	20 dB
10 dBm	ndB 20.00 dB	VBW	100 kHz		
	BW 187.37474950 kHz	SWT	5 ms	Unit	dBm



Date: 2.NOV.2022 12:43:44

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