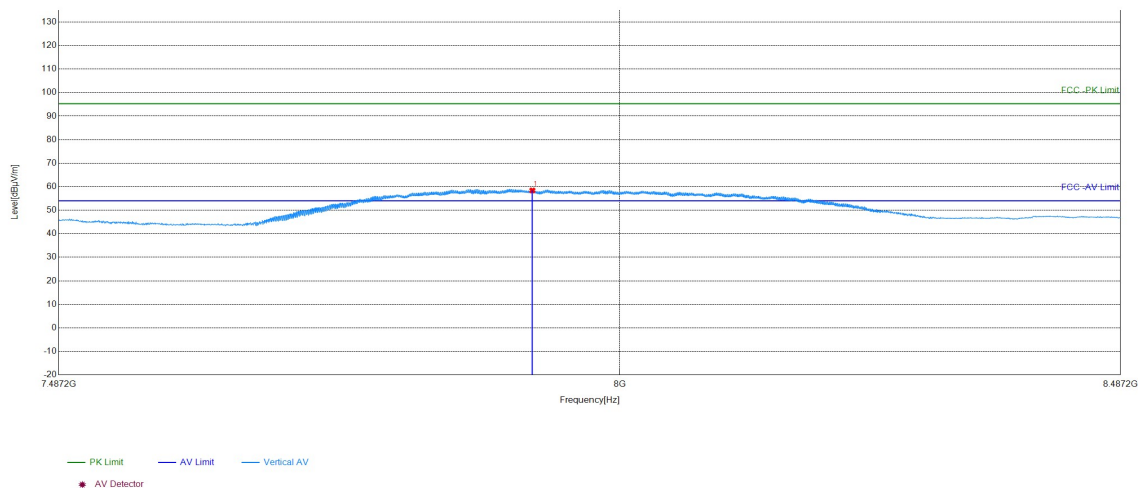


Test_Mode	UWB	Test_Frequency	7987.2MHz
Remark:	\	Test_Date	2026/6/18

Test Graph

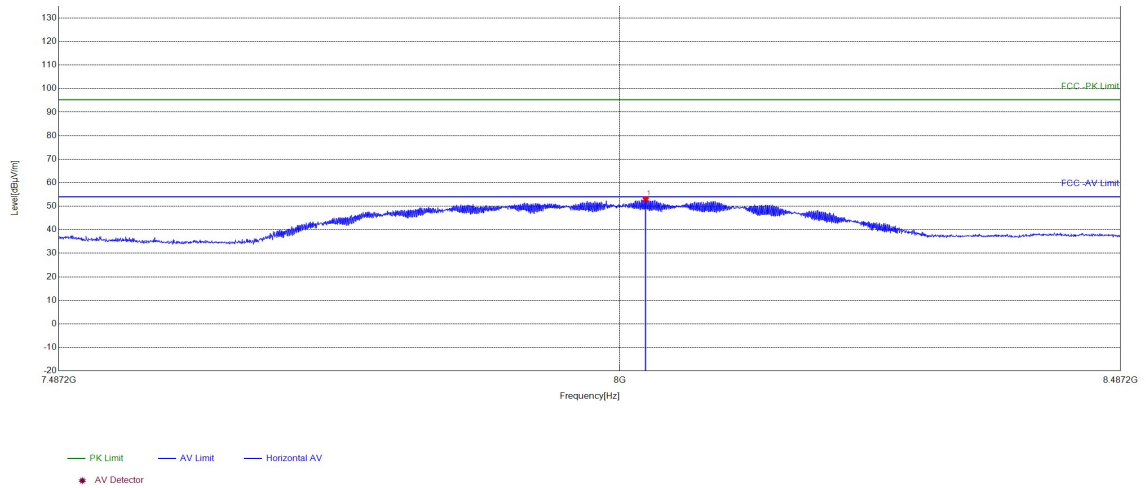


Peak Field Strength for fundamental @ RBW=8MHz						
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Polarity	Remark
1	7917.8667	-1.56	59.96	58.40	Horizontal	PK

Calculated Peak Field Strength of fundamental					
Freq. [MHz]	Measured Field Strength of fundamental (FSM) (dBuV/m)	Limit (dBuV/m)	Margin [dB]	Result	Polarity
7987.2	58.40	79.38	20.98	Pass	Vertical
Note: ①Limit(dBuV/m) = EIRP(dBm) + 95.3=79.38(dBuV/m); ②EIRP(dBm)=20 log (RBW/50) dBm =20 log (8/50) dBm=-15.92(dBm);					

Test_Mode	UWB	Test_Frequency	7987.2MHz
Remark:	\	Test_Date	2026/6/18

Test Graph

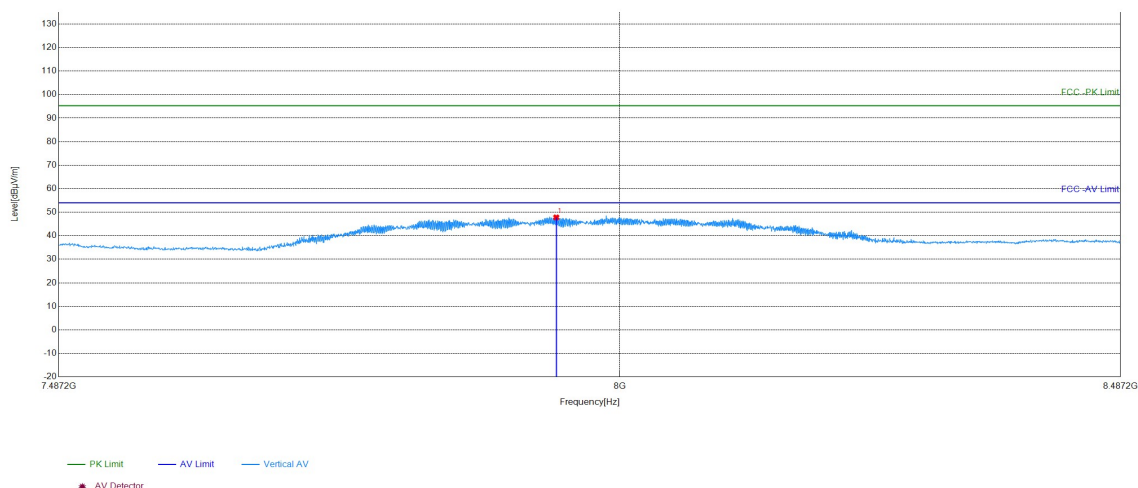


Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	8024.5333	-1.55	54.37	52.82	54.00	1.18	PASS	Horizont	AV

Note: Limit=95.3-41.3=54dBuV/m;

Test_Mode	UWB	Test_Frequency	7987.2MHz
Remark:	\	Test_Date	2026/6/18

Test Graph

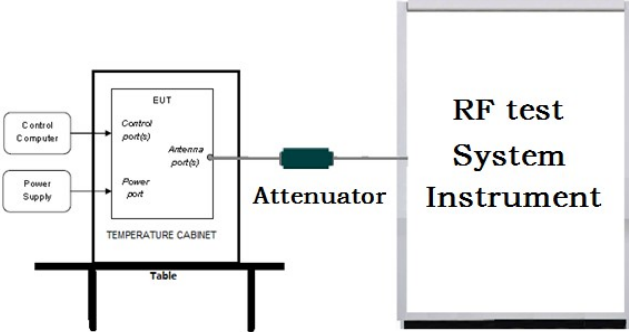


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	7940.2	-1.50	49.29	47.79	54.00	6.21	PASS	Vertical	AV

Note: Limit=95.3-41.3=54dBuV/m;

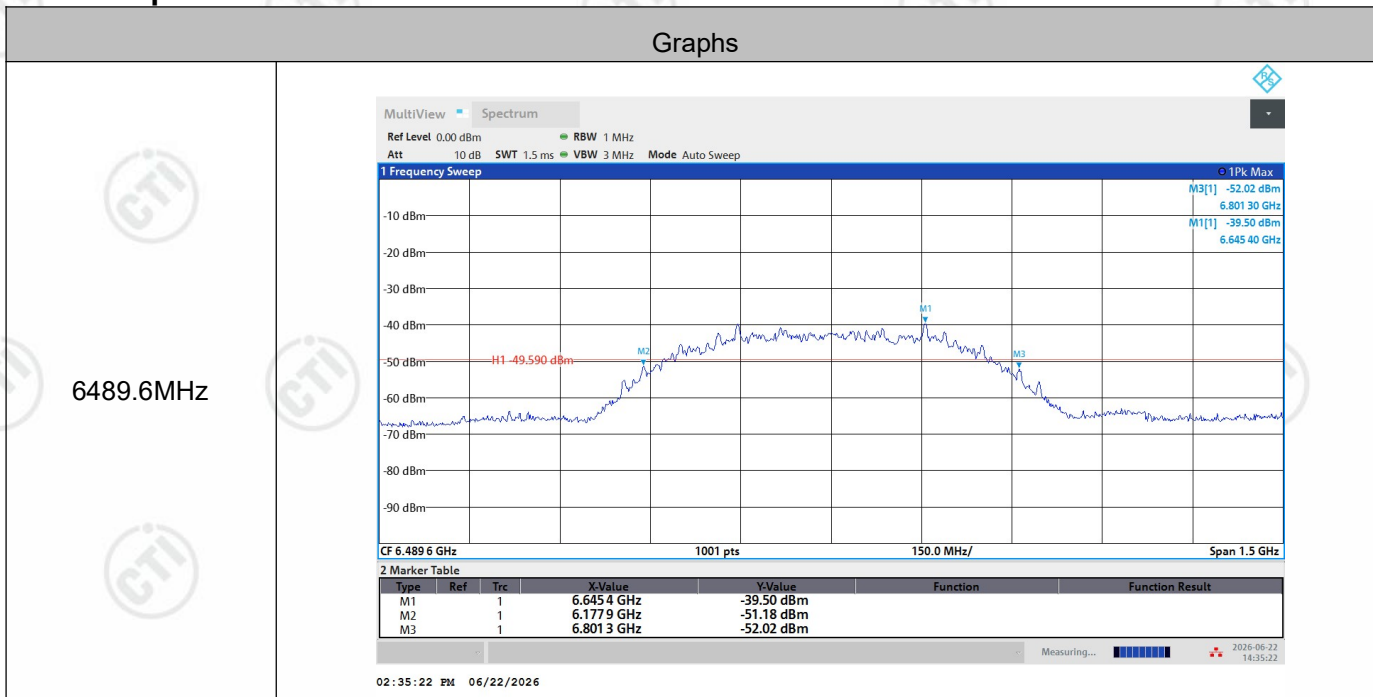
4.4 -10dB Bandwidth

Test Requirement:	47 CFR Part 15, Subpart F Section § 15.503(a),(d) & § 15.517(b)
Test Method:	ANSI C63.10:2013 section 10.1
Test Setup:	 Remark: Offset=Cable loss+ attenuation factor.
Test Procedure:	The frequency at which the maximum power level is measured with the peak detector is designated f_M. The peak power measurements shall be made using a spectrum analyzer or EMI receiver with a 1 MHz resolution bandwidth and a video bandwidth of 1 MHz or greater. The instrument shall be set to peak detection using the maximum-hold trace mode. The outermost 1 MHz segments above and below f_M, where the peak power falls by 10 dB relative to the level at f_M, are designated as f_H and f_L, respectively: - For the lowest frequency bound f_L, the emission is searched from a frequency lower than f_M that has, by inspection, a peak power much lower than 10 dB less than the power at f_M and increased toward f_M until the peak power indicates 10 dB less than the power at f_M. The frequency of that segment is recorded. - This process is repeated for the highest frequency bound f_H, beginning at a frequency higher than f_M that has, by inspection, a peak power much lower than 10 dB below the power at f_M. The frequency of that segment is recorded. - The two recorded frequencies represent the highest f_H and lowest f_L bounds of the UWB transmission, and the -10 dB bandwidth ($B - 10$) is defined as $(f_H - f_L)$. The center frequency(f_c) is mathematically determined from $(f_H - f_L) / 2$. - The fractional bandwidth is defined as $2(f_H - f_L) / (f_H + f_L)$.e) Determine whether the -10 dB bandwidth $(f_H - f_L)$ is ≥ 500 MHz, or whether the fractional bandwidth $2(f_H - f_L) / (f_H + f_L)$ is ≥ 0.2.
Limit:	≥ 500 MHz
Test Mode:	Continuous Tx Mode, Keep the EUT Transmitting with Modulation
Test Results:	Pass

Test Result

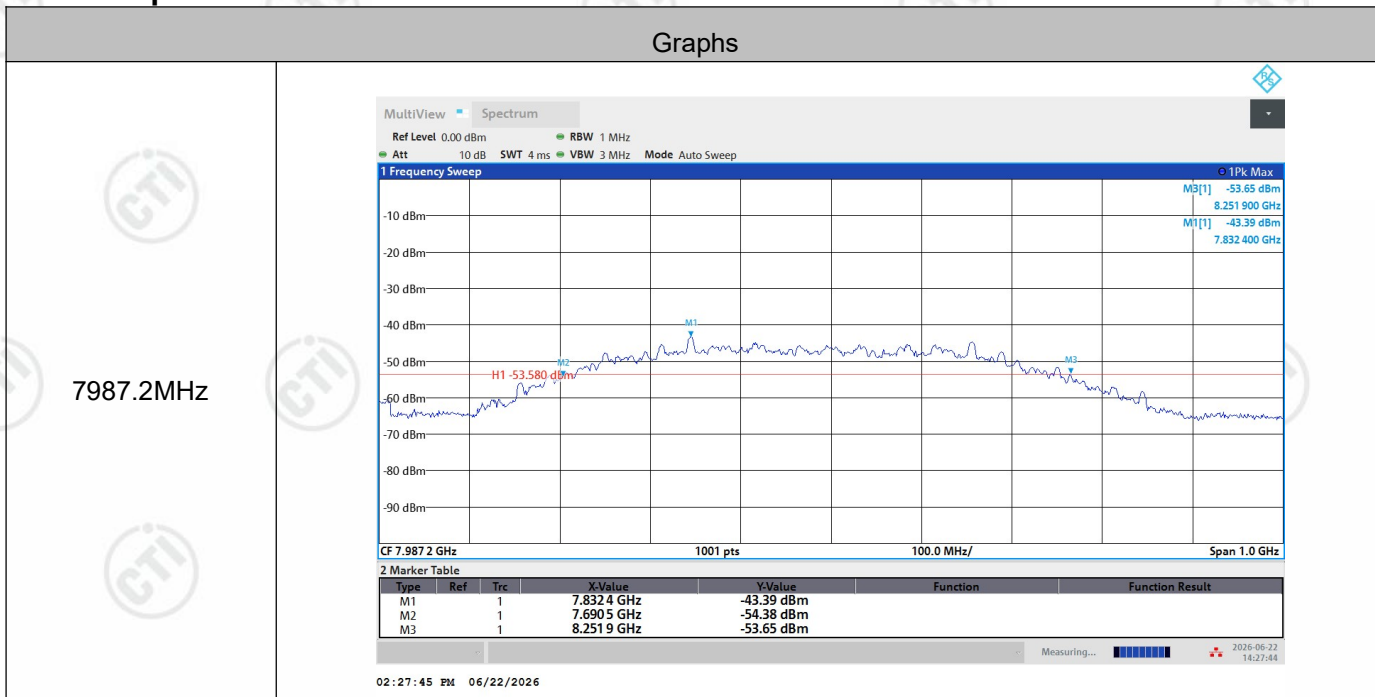
Test Frequency (MHz)	FL (MHz)	FH (MHz)	-10dB Bandwidth (MHz)	Limit (MHz)	Results
6489.6	6177.9	6801.3	623.4	≥ 500	pass

Test Graph

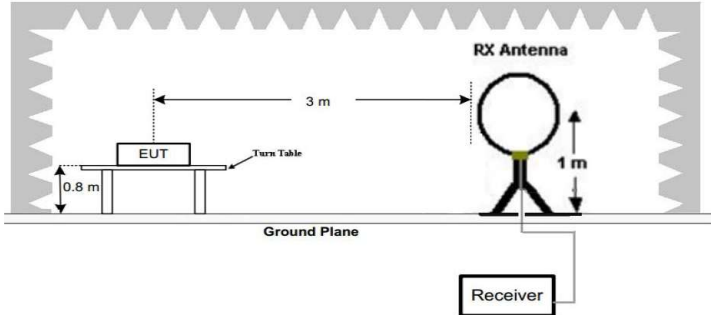
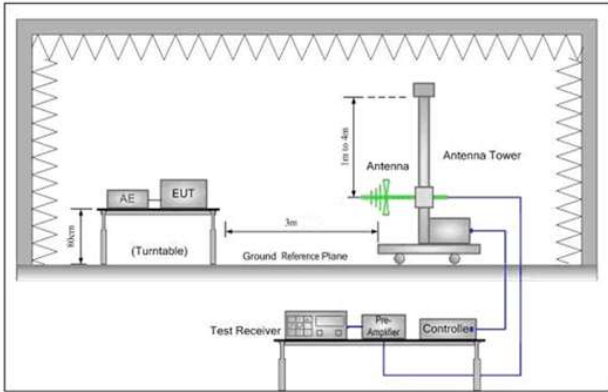


Test Frequency (MHz)	FL (MHz)	FH (MHz)	-10dB Bandwidth (MHz)	Limit (MHz)	Results
7987.2	7690.5	8251.9	561.4	≥ 500	pass

Test Graph



4.5 Spurious Emissions Below 1GHz

Test Requirement:	47 CFR Part 15, Subpart F Section §15.209
Test Method:	ANSI C63.10: 2020 section 10.2
Test Setup:	 Figure 1. Below 30MHz  Figure 2. 30MHz to 1GHz
Test Procedure:	1) The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meters semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. 2) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3) The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. 4) For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. 5) The test-receiver system was set to Peak detector with Maximum Hold Mode. And use Quasi-Peak to measure the six highest frequencies. 6) Test the EUT in the lowest channel, the Highest channel and only recorded worst channel--Lowest channel in the test report. 7) The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. 8) Repeat above procedures until all frequencies measured was complete.

	Remark: 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor. 2. According to FCC Part 15.521(h), test was performed from 9kHz to 40GHz for the EUT. Emission below 30MHz was very low, so it's not recorded in the test report.																																												
Limit:	<table><tr><th>Frequency</th><th>Field strength (microvolt/meter)</th><th>Limit (dBuV/m)</th><th>Remark</th><th>Measurement distance (m)</th></tr><tr><td>0.009MHz-0.490MHz</td><td>2400/F(kHz)</td><td>-</td><td>-</td><td>300</td></tr><tr><td>0.490MHz-1.705MHz</td><td>24000/F(kHz)</td><td>-</td><td>-</td><td>30</td></tr><tr><td>1.705MHz-30MHz</td><td>30</td><td>-</td><td>-</td><td>30</td></tr><tr><td>30MHz-88MHz</td><td>100</td><td>40.0</td><td>Quasi-peak</td><td>3</td></tr><tr><td>88MHz-216MHz</td><td>150</td><td>43.5</td><td>Quasi-peak</td><td>3</td></tr><tr><td>216MHz-960MHz</td><td>200</td><td>46.0</td><td>Quasi-peak</td><td>3</td></tr><tr><td>960MHz-1000MHz</td><td>-</td><td>20</td><td>AV</td><td>3</td></tr></table>					Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30	1.705MHz-30MHz	30	-	-	30	30MHz-88MHz	100	40.0	Quasi-peak	3	88MHz-216MHz	150	43.5	Quasi-peak	3	216MHz-960MHz	200	46.0	Quasi-peak	3	960MHz-1000MHz	-	20	AV	3
Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)																																									
0.009MHz-0.490MHz	2400/F(kHz)	-	-	300																																									
0.490MHz-1.705MHz	24000/F(kHz)	-	-	30																																									
1.705MHz-30MHz	30	-	-	30																																									
30MHz-88MHz	100	40.0	Quasi-peak	3																																									
88MHz-216MHz	150	43.5	Quasi-peak	3																																									
216MHz-960MHz	200	46.0	Quasi-peak	3																																									
960MHz-1000MHz	-	20	AV	3																																									
Test Mode:	Continuous Tx Mode, Keep the EUT Transmitting with Modulation																																												
Test Results:	Pass																																												

Radiated Spurious Emission below 30MHz:

9 kHz~30 MHz Field Strength of Unwanted Emissions. Quasi-Peak Measurement

The measurements with active loop antenna were greater than 20dB below the limit, so the test data were not recorded in the test report.

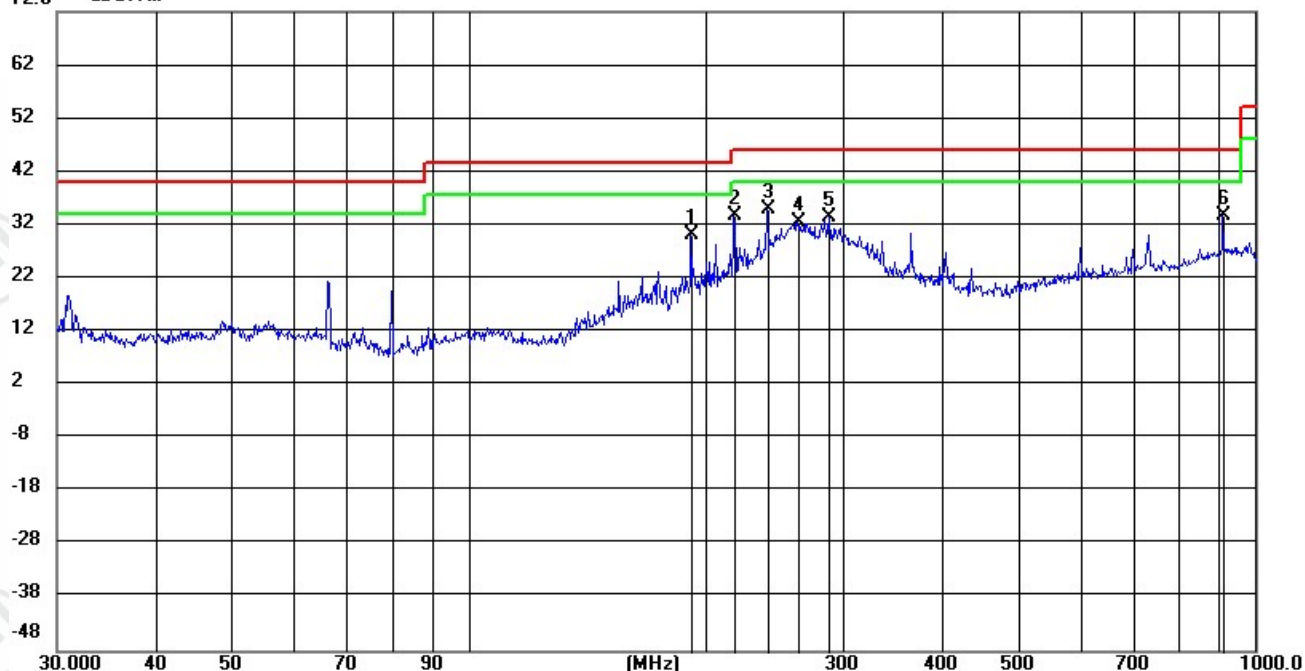
Radiated Spurious Emission below 1GHz:

Test Result

6489.6Mhz

Polarity: Horizontal

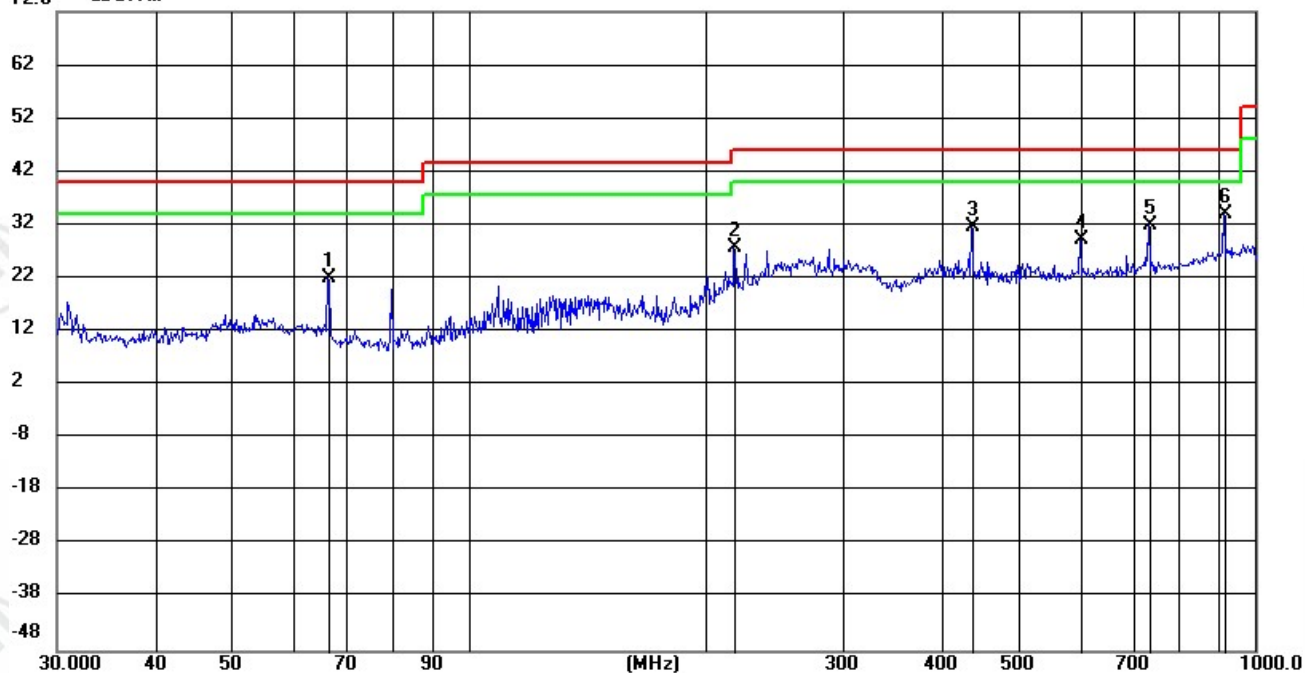
72.0 dBuV/m



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		191.9805	17.55	12.57	30.12	43.50	-13.38	QP	100	153	
2		218.1936	20.53	13.15	33.68	46.00	-12.32	QP	100	110	
3	*	240.0294	20.75	14.10	34.85	46.00	-11.15	QP	100	6	
4		262.8032	17.47	15.09	32.56	46.00	-13.44	QP	100	31	
5		287.9400	17.63	15.82	33.45	46.00	-12.55	QP	100	14	
6		911.9022	6.55	27.07	33.62	46.00	-12.38	QP	100	170	

Polarity: Vertical

72.0 dBuV/m

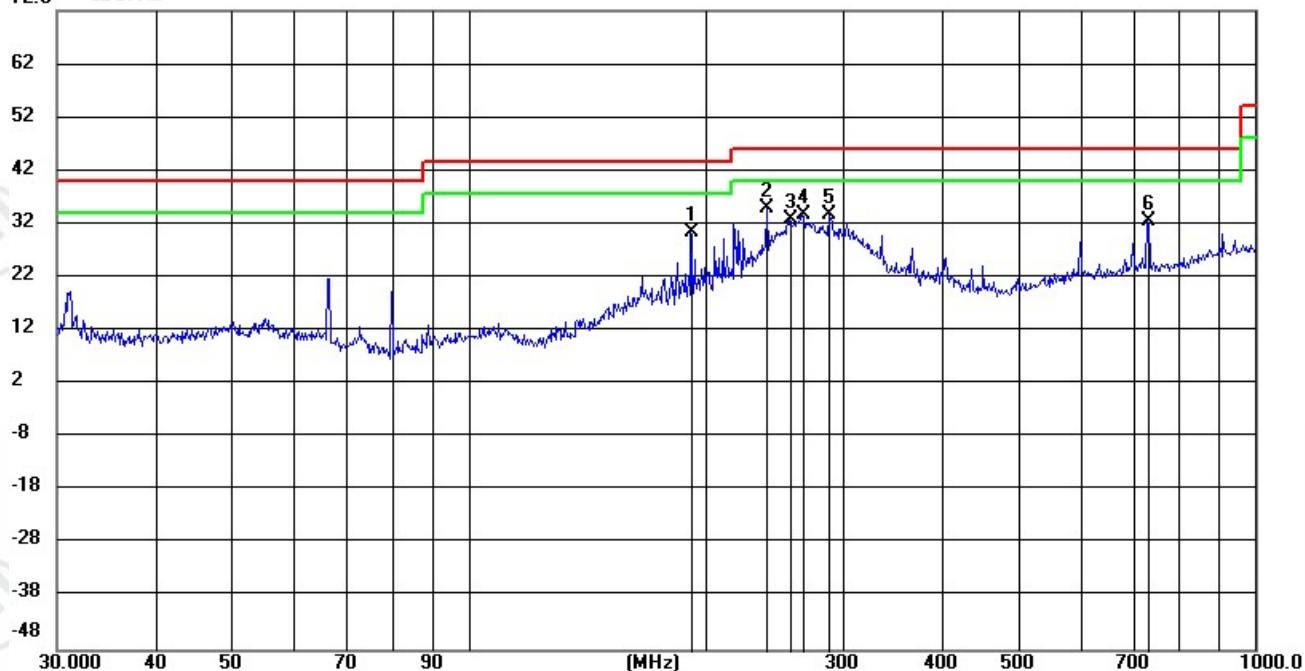


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		66.3825	9.99	11.92	21.91	40.00	-18.09	QP	100	93
2		218.1937	14.48	13.15	27.63	46.00	-18.37	QP	100	197
3		436.5838	11.75	19.78	31.53	46.00	-14.47	QP	100	180
4		600.0573	6.36	22.97	29.33	46.00	-16.67	QP	100	345
5		733.2047	7.73	24.27	32.00	46.00	-14.00	QP	100	223
6	*	913.0221	6.83	27.08	33.91	46.00	-12.09	QP	100	180

7987.2Mhz

Polarity: Horizontal

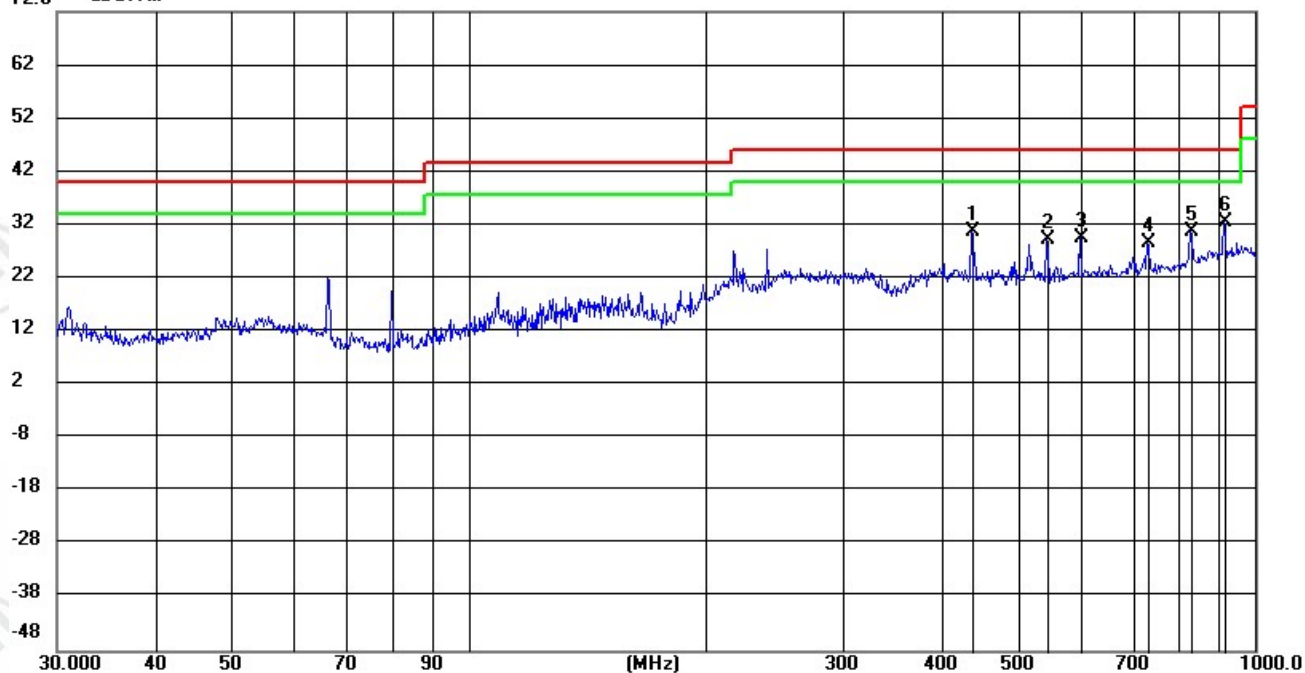
72.0 dBuV/m



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		192.0478	18.00	12.57	30.57	43.50	-12.93	QP	100	153
2	*	239.9873	20.83	14.10	34.93	46.00	-11.07	QP	100	5
3		256.1166	18.10	14.85	32.95	46.00	-13.05	QP	100	66
4		266.1419	18.58	15.17	33.75	46.00	-12.25	QP	100	58
5		287.9904	17.99	15.82	33.81	46.00	-12.19	QP	100	32
6		730.3820	8.29	24.26	32.55	46.00	-13.45	QP	100	197

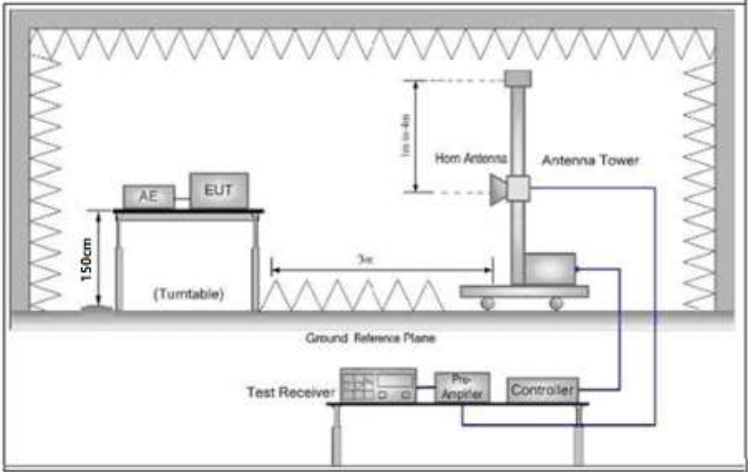
Polarity: Vertical

72.0 dBuV/m



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		436.2777	11.05	19.77	30.82	46.00	-15.18	QP 100	198	
2		544.6094	7.44	21.69	29.13	46.00	-16.87	QP 100	155	
3		600.0573	6.51	22.97	29.48	46.00	-16.52	QP 100	198	
4		730.6382	4.48	24.26	28.74	46.00	-17.26	QP 100	164	
5		830.2546	5.34	25.47	30.81	46.00	-15.19	QP 100	112	
6	*	915.4264	5.32	27.10	32.42	46.00	-13.58	QP 100	104	

4.6 Spurious Emissions Above 1GHz

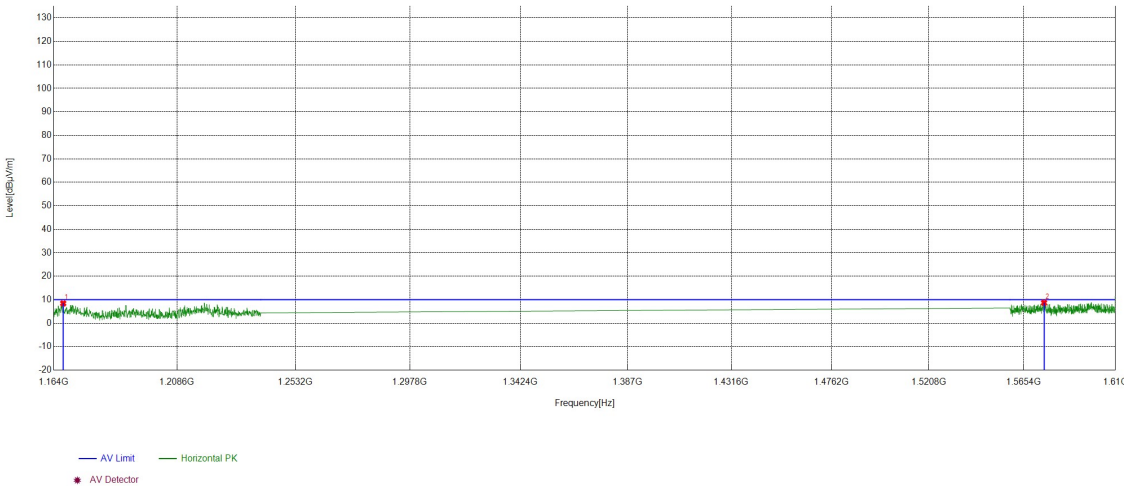
Test Requirement:	47 CFR Part 15, Subpart F Section §15.517(c),(d) & §15.521(d)												
Test Method:	ANSI C63.10: 2020 section 10.3												
Test Setup:	 Figure .Above 1 GHz												
Test Procedure:	1) The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meters semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. 2) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3) The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. 4) For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. 5) The test-receiver system was set to Peak detector with Maximum Hold Mode. 6) Test the EUT in the lowest channel, the Highest channel 7) The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. 8) Repeat above procedures until all frequencies measured was complete Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor. 2: As the EUT operate at 6489.6MHz, according to Part 15.521(h), test was performed at frequency up to 40GHz. For frequency above 18GHz, emission was very low, so it's not recorded in the test report.												
Limit:	(c) The radiated emissions at or below 960 MHz from a device operating under the provisions of this section shall not exceed the emission levels in § 15.209. The radiated emissions above 960 MHz from a device operating under the provisions of this section shall not exceed the following average limits when measured using a resolution bandwidth of 1 MHz: <table border="1"> <thead> <tr> <th>Frequency in MHz</th><th>EIRP in dBm</th></tr> </thead> <tbody> <tr> <td>960-1610</td><td>-75.3</td></tr> <tr> <td>1610-1990</td><td>-53.3</td></tr> <tr> <td>1990-3100</td><td>-51.3</td></tr> <tr> <td>3100-10600</td><td>-41.3</td></tr> <tr> <td>Above 10600</td><td>-51.3</td></tr> </tbody> </table>	Frequency in MHz	EIRP in dBm	960-1610	-75.3	1610-1990	-53.3	1990-3100	-51.3	3100-10600	-41.3	Above 10600	-51.3
Frequency in MHz	EIRP in dBm												
960-1610	-75.3												
1610-1990	-53.3												
1990-3100	-51.3												
3100-10600	-41.3												
Above 10600	-51.3												

		(d) In addition to the radiated emission limits specified in the table in paragraph (c) of this section, UWB transmitters operating under the provisions of this section shall not exceed the following average limits when measured using a resolution bandwidth of no less than 1 kHz:	
		Frequency in MHz	EIRP in dBm
		1164-1240	-85.3
		1559-1610	-85.3
Test Mode:	Continuous Tx Mode, Keep the EUT Transmitting with Modulation		
Test Results:	Pass		

Test Result

Test_Mode	\	Test_Frequency	6489.6Mhz
Tset_Engineer	\	Test_Date	2026/6/18

Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1167.3473	-22.63	31.07	8.44	10.00	1.56	PASS	Horizontal	PK
2	1575.2853	-21.13	29.83	8.70	10.00	1.30	PASS	Horizontal	PK