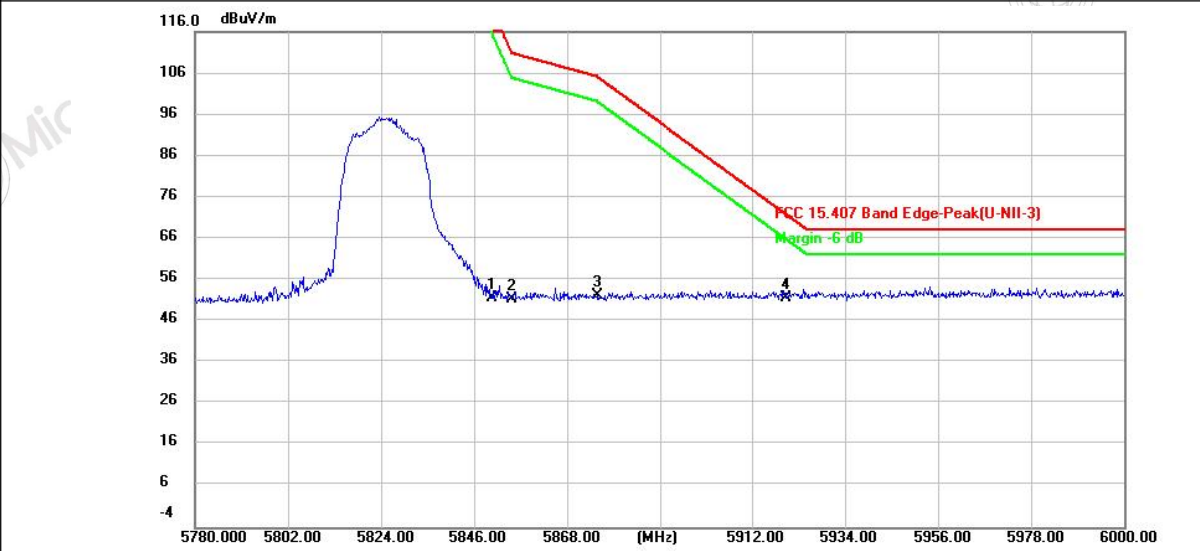


TEST REPORT

Report No.: MTi250724027-0106E2

Mode7 / Polarization: Horizontal / U-NII Band 3 / CH: H

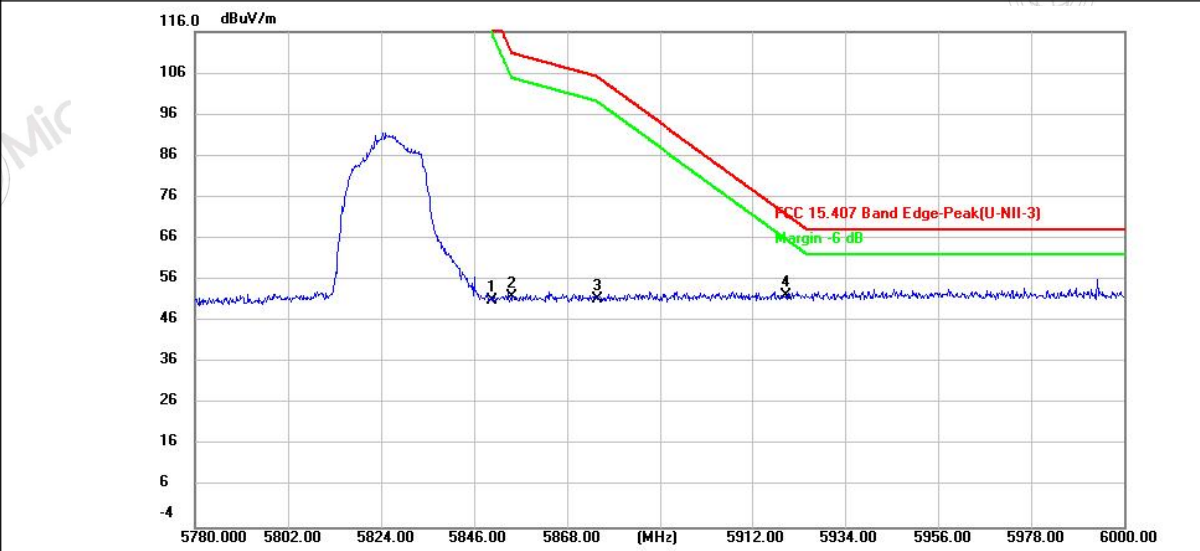


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5850.000	47.54	4.00	51.54	122.20	-70.66	peak	
2		5855.000	47.23	4.01	51.24	110.80	-59.56	peak	
3		5875.000	48.08	4.11	52.19	105.20	-53.01	peak	
4	*	5920.000	47.39	4.32	51.71	71.90	-20.19	peak	

TEST REPORT

Report No.: MTi250724027-0106E2

Mode7 / Polarization: Vertical / U-NII Band 3 / CH: H

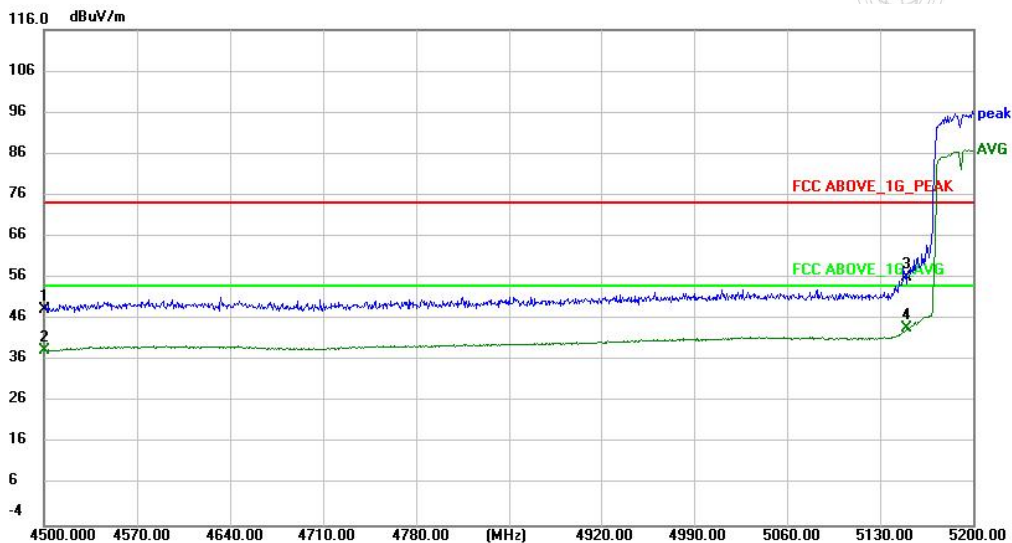


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5850.000	47.08	4.00	51.08	122.20	-71.12	peak	
2		5855.000	47.95	4.01	51.96	110.80	-58.84	peak	
3		5875.000	47.26	4.11	51.37	105.20	-53.83	peak	
4	*	5920.000	47.84	4.32	52.16	71.90	-19.74	peak	

TEST REPORT

Report No.: MTi250724027-0106E2

Mode8 / Polarization: Horizontal / U-NII Band 1 / CH: L

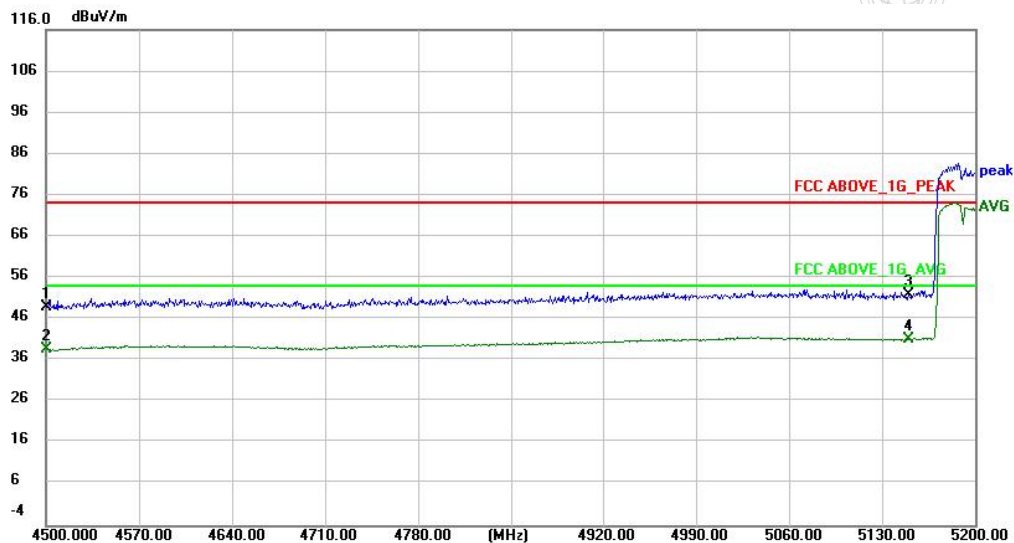


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	47.38	1.09	48.47	74.00	-25.53	peak	
2		4500.000	37.49	1.09	38.58	54.00	-15.42	AVG	
3		5150.000	53.34	2.77	56.11	74.00	-17.89	peak	
4	*	5150.000	41.05	2.77	43.82	54.00	-10.18	AVG	

TEST REPORT

Report No.: MTi250724027-0106E2

Mode8 / Polarization: Vertical / U-NII Band 1 / CH: L

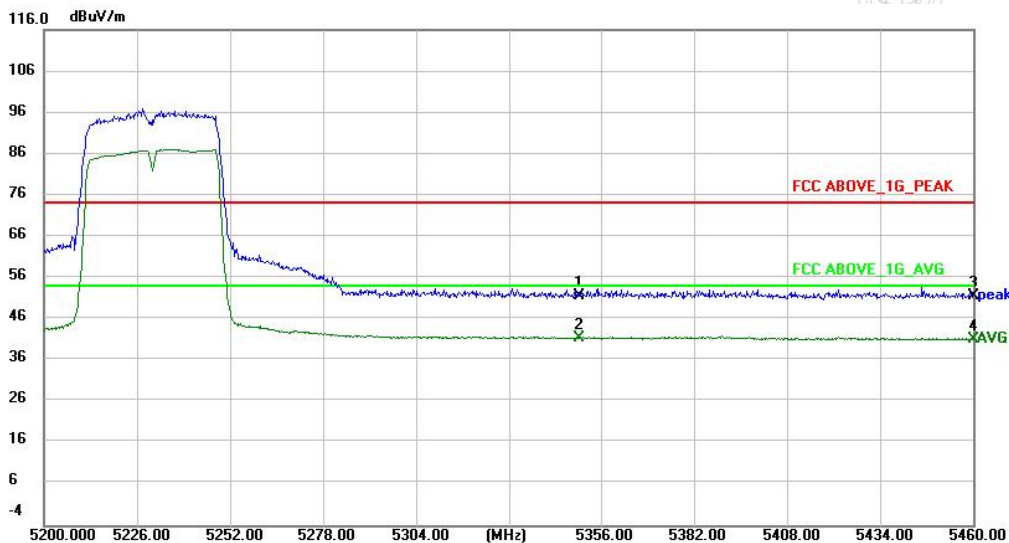


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	48.01	1.09	49.10	74.00	-24.90	peak	
2		4500.000	37.55	1.09	38.64	54.00	-15.36	AVG	
3		5150.000	49.05	2.77	51.82	74.00	-22.18	peak	
4	*	5150.000	38.35	2.77	41.12	54.00	-12.88	AVG	

TEST REPORT

Report No.: MTi250724027-0106E2

Mode8 / Polarization: Horizontal / U-NII Band 1 / CH: H

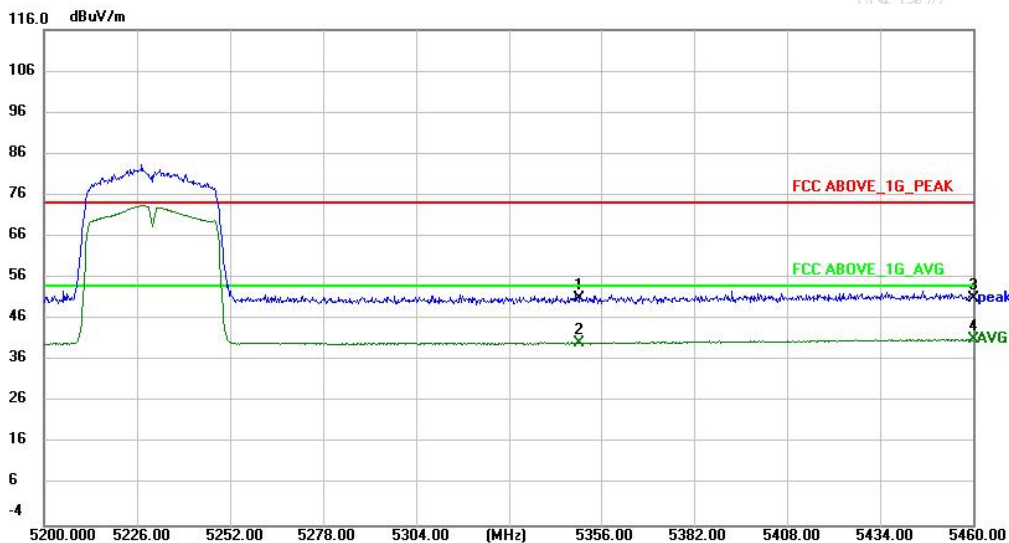


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5350.000	49.09	2.64	51.73	74.00	-22.27	peak	
2	*	5350.000	38.76	2.64	41.40	54.00	-12.60	AVG	
3		5460.000	48.69	2.98	51.67	74.00	-22.33	peak	
4		5460.000	38.28	2.98	41.26	54.00	-12.74	AVG	

TEST REPORT

Report No.: MTi250724027-0106E2

Mode8 / Polarization: Vertical / U-NII Band 1 / CH: H

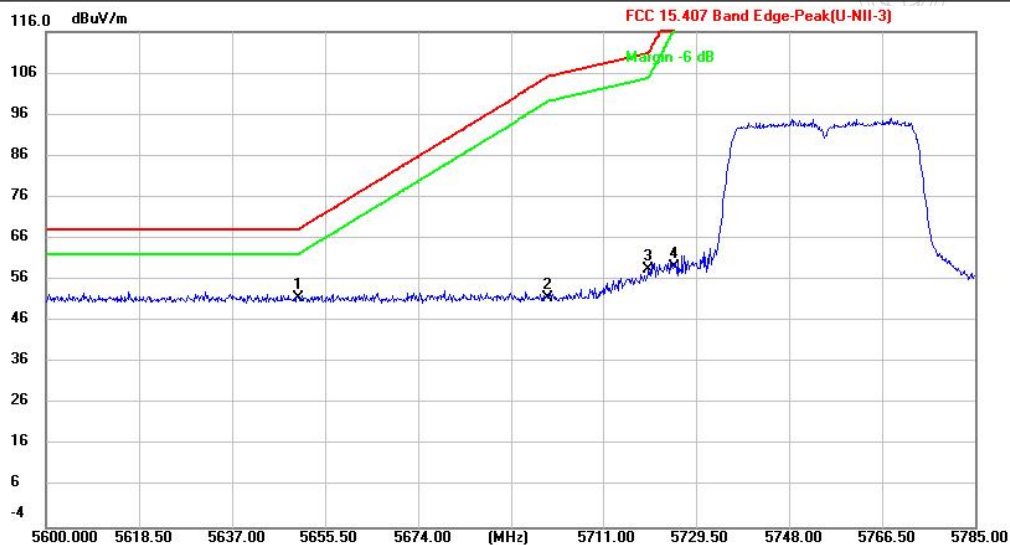


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5350.000	48.48	2.64	51.12	74.00	-22.88	peak	
2		5350.000	37.52	2.64	40.16	54.00	-13.84	AVG	
3		5460.000	48.19	2.98	51.17	74.00	-22.83	peak	
4	*	5460.000	38.25	2.98	41.23	54.00	-12.77	AVG	

TEST REPORT

Report No.: MTi250724027-0106E2

Mode8 / Polarization: Horizontal / U-NII Band 3 / CH: L

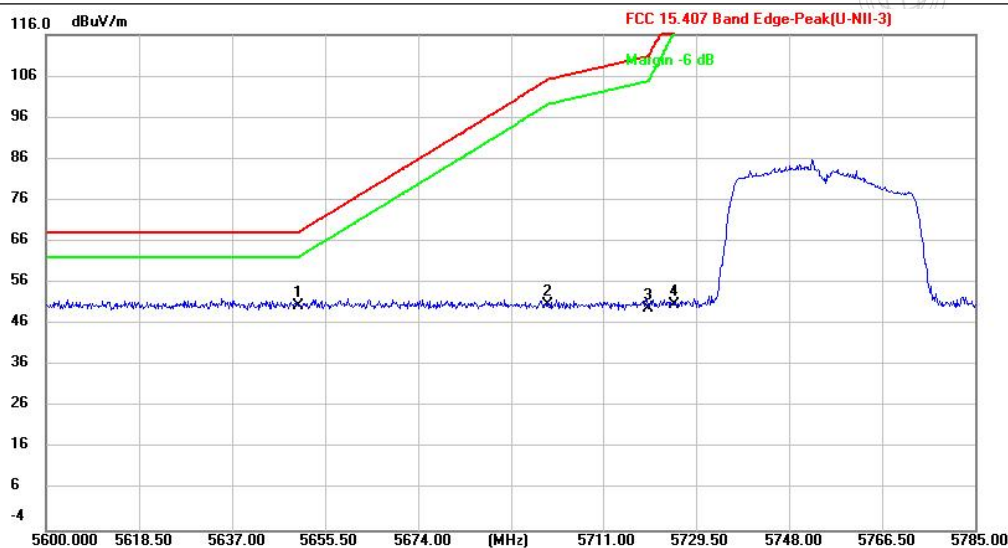


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	5650.000	48.28	3.29	51.57	68.20	-16.63	peak	
2		5700.000	48.17	3.61	51.78	105.20	-53.42	peak	
3		5720.000	55.03	3.59	58.62	110.80	-52.18	peak	
4		5725.000	55.47	3.58	59.05	122.20	-63.15	peak	

TEST REPORT

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Mode8 / Polarization: Vertical / U-NII Band 3 / CH: L



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	5650.000	47.22	3.29	50.51	68.20	-17.69	peak	
2		5700.000	47.04	3.61	50.65	105.20	-54.55	peak	
3		5720.000	46.40	3.59	49.99	110.80	-60.81	peak	
4		5725.000	47.25	3.58	50.83	122.20	-71.37	peak	

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Mode8 / Polarization: Horizontal / U-NII Band 3 / CH: H



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5850.000	48.87	4.00	52.87	122.20	-69.33	peak	
2		5855.000	49.05	4.01	53.06	110.80	-57.74	peak	
3		5875.000	50.41	4.11	54.52	105.20	-50.68	peak	
4	*	5920.000	48.71	4.32	53.03	71.90	-18.87	peak	

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Mode8 / Polarization: Vertical / U-NII Band 3 / CH: H

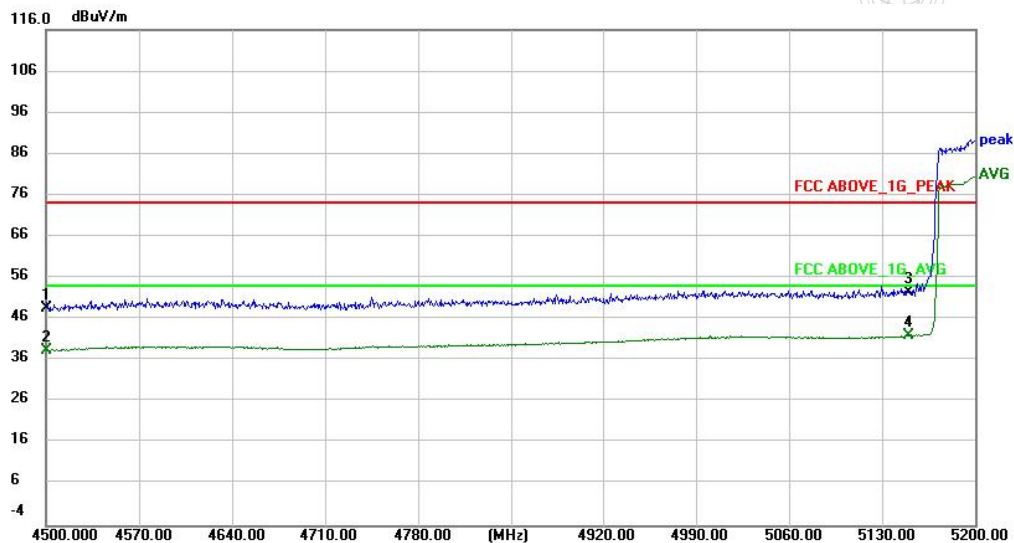


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5850.000	46.99	4.00	50.99	122.20	-71.21	peak	
2		5855.000	46.96	4.01	50.97	110.80	-59.83	peak	
3		5875.000	47.53	4.11	51.64	105.20	-53.56	peak	
4	*	5920.000	47.30	4.32	51.62	71.90	-20.28	peak	

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Report No.: MTi250724027-0106E2

Mode9 / Polarization: Horizontal / U-NII Band 1 / CH: L

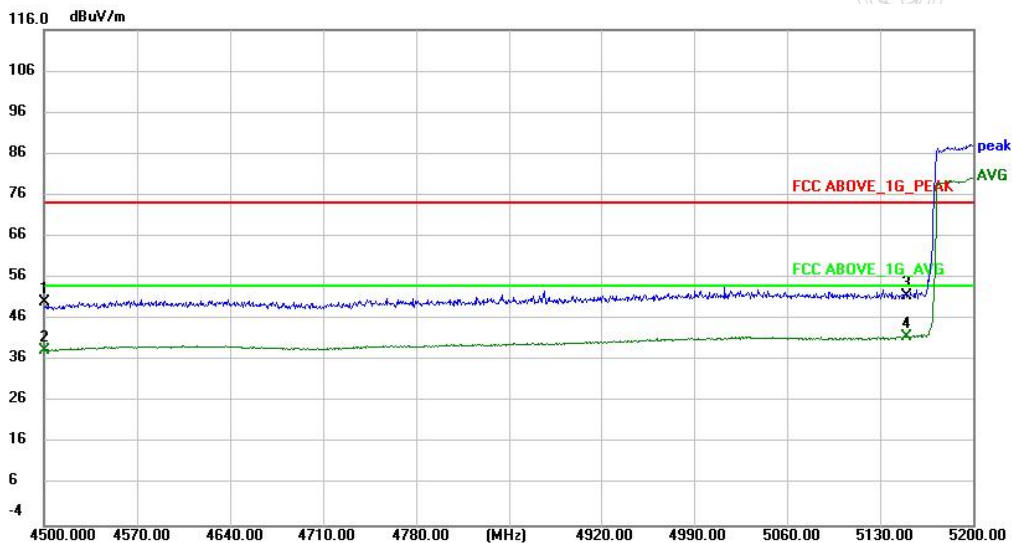


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	47.69	1.09	48.78	74.00	-25.22	peak	
2		4500.000	37.43	1.09	38.52	54.00	-15.48	AVG	
3		5150.000	49.76	2.77	52.53	74.00	-21.47	peak	
4	*	5150.000	39.22	2.77	41.99	54.00	-12.01	AVG	

TEST REPORT

Report No.: MTi250724027-0106E2

Mode9 / Polarization: Vertical / U-NII Band 1 / CH: L

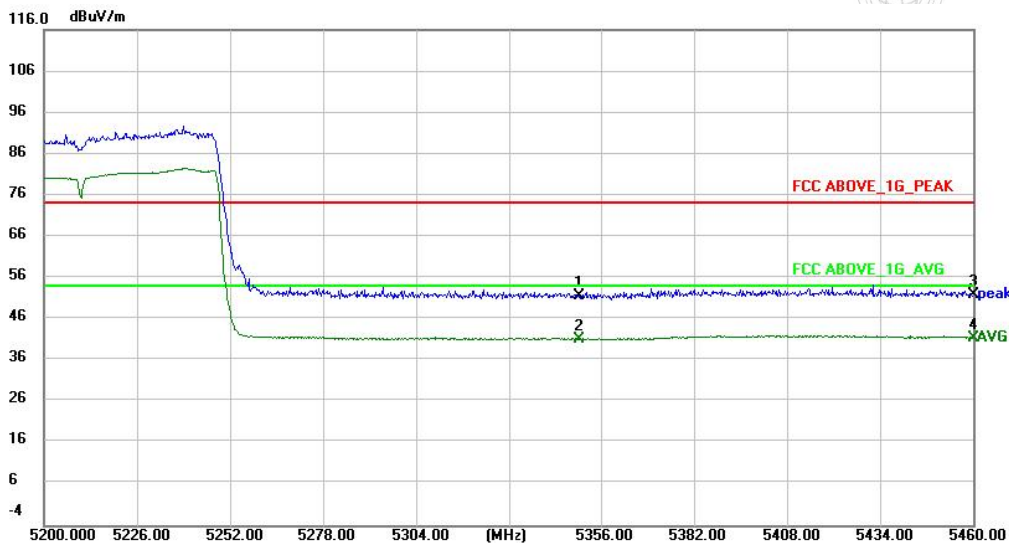


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	49.08	1.09	50.17	74.00	-23.83	peak	
2		4500.000	37.34	1.09	38.43	54.00	-15.57	AVG	
3		5150.000	48.91	2.77	51.68	74.00	-22.32	peak	
4	*	5150.000	39.10	2.77	41.87	54.00	-12.13	AVG	

TEST REPORT

Report No.: MTi250724027-0106E2

Mode9 / Polarization: Horizontal / U-NII Band 1 / CH: H

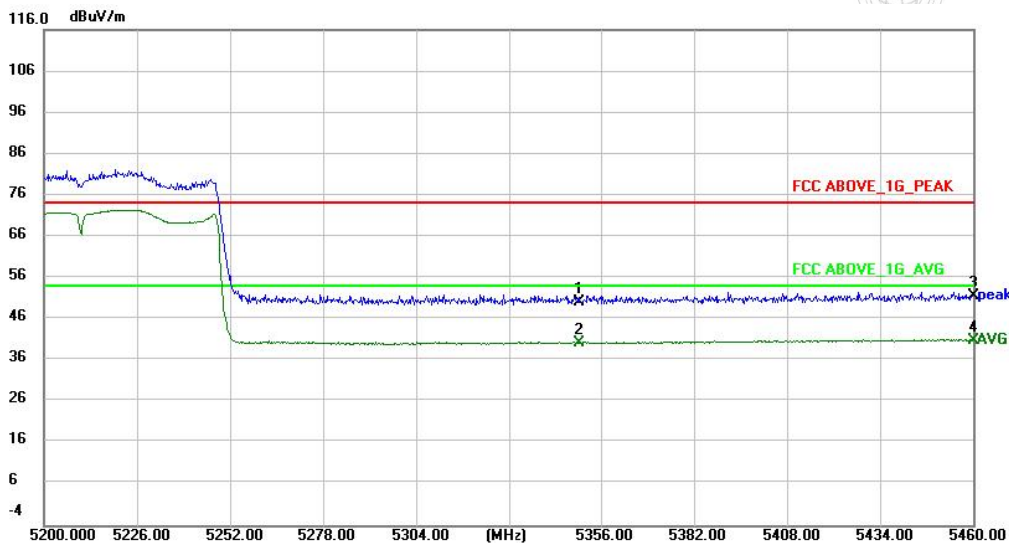


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5350.000	48.91	2.64	51.55	74.00	-22.45	peak	
2		5350.000	38.65	2.64	41.29	54.00	-12.71	AVG	
3		5460.000	48.90	2.98	51.88	74.00	-22.12	peak	
4	*	5460.000	38.57	2.98	41.55	54.00	-12.45	AVG	

TEST REPORT

Report No.: MTi250724027-0106E2

Mode9 / Polarization: Vertical / U-NII Band 1 / CH: H

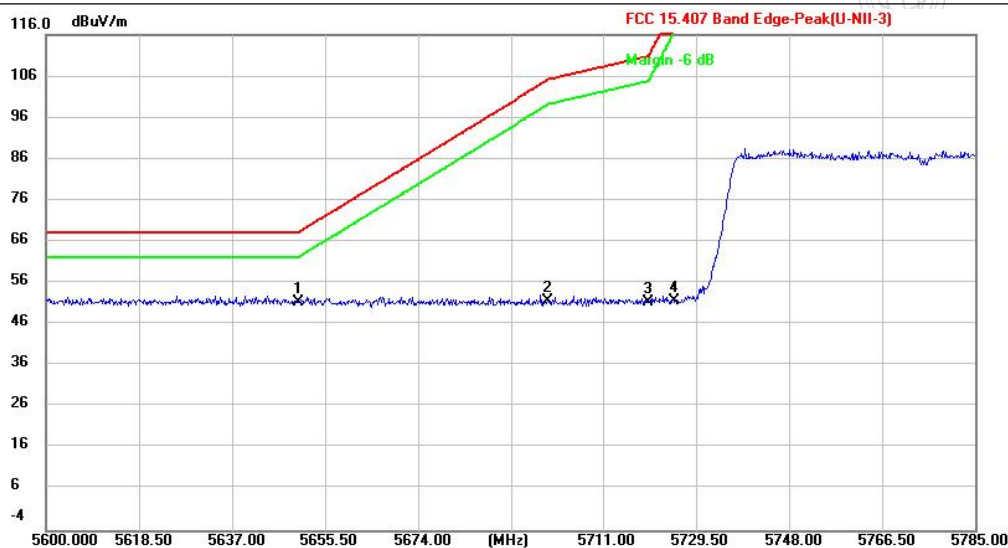


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		5350.000	47.59	2.64	50.23	74.00	-23.77	peak	
2		5350.000	37.69	2.64	40.33	54.00	-13.67	AVG	
3		5460.000	48.69	2.98	51.67	74.00	-22.33	peak	
4	*	5460.000	38.00	2.98	40.98	54.00	-13.02	AVG	

TEST REPORT

Report No.: MTi250724027-0106E2

Mode9 / Polarization: Horizontal / U-NII Band 3 / CH: L

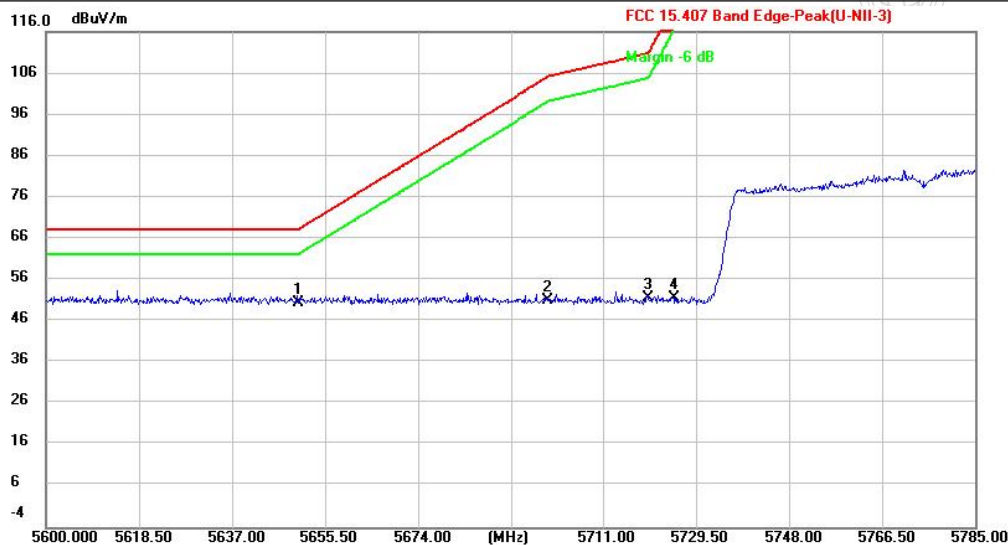


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	48.12	3.29	51.41	68.20	-16.79	peak	
2		5700.000	48.12	3.61	51.73	105.20	-53.47	peak	
3		5720.000	47.83	3.59	51.42	110.80	-59.38	peak	
4		5725.000	47.98	3.58	51.56	122.20	-70.64	peak	

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Mode9 / Polarization: Vertical / U-NII Band 3 / CH: L



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	5650.000	47.12	3.29	50.41	68.20	-17.79	peak	
2		5700.000	47.31	3.61	50.92	105.20	-54.28	peak	
3		5720.000	48.05	3.59	51.64	110.80	-59.16	peak	
4		5725.000	47.93	3.58	51.51	122.20	-70.69	peak	

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Mode9 / Polarization: Horizontal / U-NII Band 3 / CH: H



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5850.000	46.92	4.00	50.92	122.20	-71.28	peak	
2		5855.000	46.55	4.01	50.56	110.80	-60.24	peak	
3		5875.000	47.83	4.11	51.94	105.20	-53.26	peak	
4	*	5920.000	46.82	4.32	51.14	71.90	-20.76	peak	

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Mode9 / Polarization: Vertical / U-NII Band 3 / CH: H



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5850.000	47.55	4.00	51.55	122.20	-70.65	peak	
2		5855.000	47.68	4.01	51.69	110.80	-59.11	peak	
3		5875.000	47.75	4.11	51.86	105.20	-53.34	peak	
4	*	5920.000	47.46	4.32	51.78	71.90	-20.12	peak	

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6.8 Undesirable emission limits (below 1GHz)

Test Requirement:	47 CFR Part 15.407(b)(9)																										
Test Limit:	Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. Except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table: <table><tr><th>Frequency (MHz)</th><th>Field strength (microvolts/meter)</th><th>Measurement distance (meters)</th></tr><tr><td>0.009-0.490</td><td>2400/F(kHz)</td><td>300</td></tr><tr><td>0.490-1.705</td><td>24000/F(kHz)</td><td>30</td></tr><tr><td>1.705-30.0</td><td>30</td><td>30</td></tr><tr><td>30-88</td><td>100 **</td><td>3</td></tr><tr><td>88-216</td><td>150 **</td><td>3</td></tr><tr><td>216-960</td><td>200 **</td><td>3</td></tr><tr><td>Above 960</td><td>500</td><td>3</td></tr></table> ** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.			Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)	0.009-0.490	2400/F(kHz)	300	0.490-1.705	24000/F(kHz)	30	1.705-30.0	30	30	30-88	100 **	3	88-216	150 **	3	216-960	200 **	3	Above 960	500	3
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)																									
0.009-0.490	2400/F(kHz)	300																									
0.490-1.705	24000/F(kHz)	30																									
1.705-30.0	30	30																									
30-88	100 **	3																									
88-216	150 **	3																									
216-960	200 **	3																									
Above 960	500	3																									
Test Method:	ANSI C63.10-2020, section 12.7.4, 12.7.5																										
Procedure:	Below 1GHz: a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. 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. d. 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. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet. g. Test the EUT in the lowest channel, the middle channel, the Highest channel. h. The radiation measurements are performed in X, Y, Z axis positioning for																										

TEST REPORT

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Transmitting mode, and found the X axis positioning which it is the worst case.
i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
3. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

Above 1GHz:

- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. 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.
- d. 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.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had

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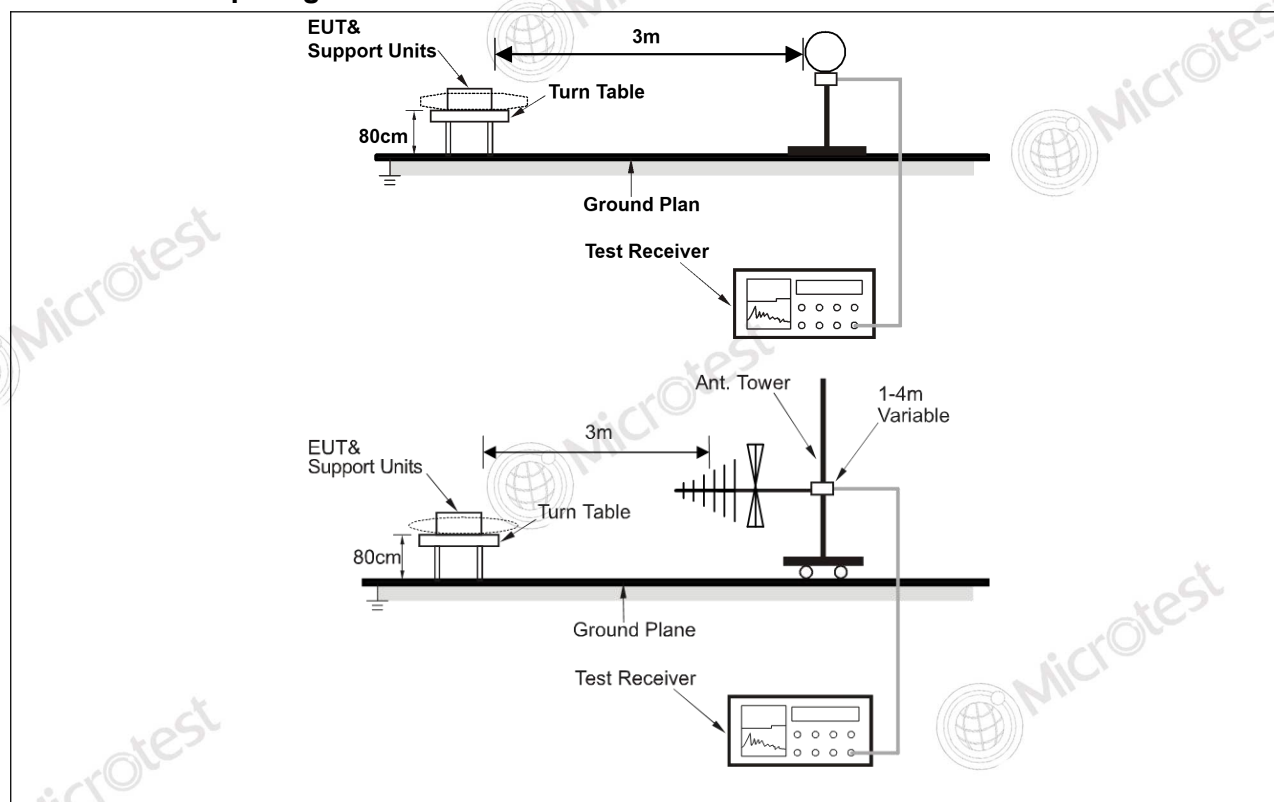
Report No.: MTi250724027-0106E2

	been displayed.
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6.8.1 E.U.T. Operation:

Operating Environment:					
Temperature:	20.3 °C	Humidity:	45.2 %	Atmospheric Pressure:	100 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9				
Final test mode:	All of the listed pre-test mode were tested, only the data of the worst mode (Mode1, Mode4, Mode7) is recorded in the report				

6.8.2 Test Setup Diagram:

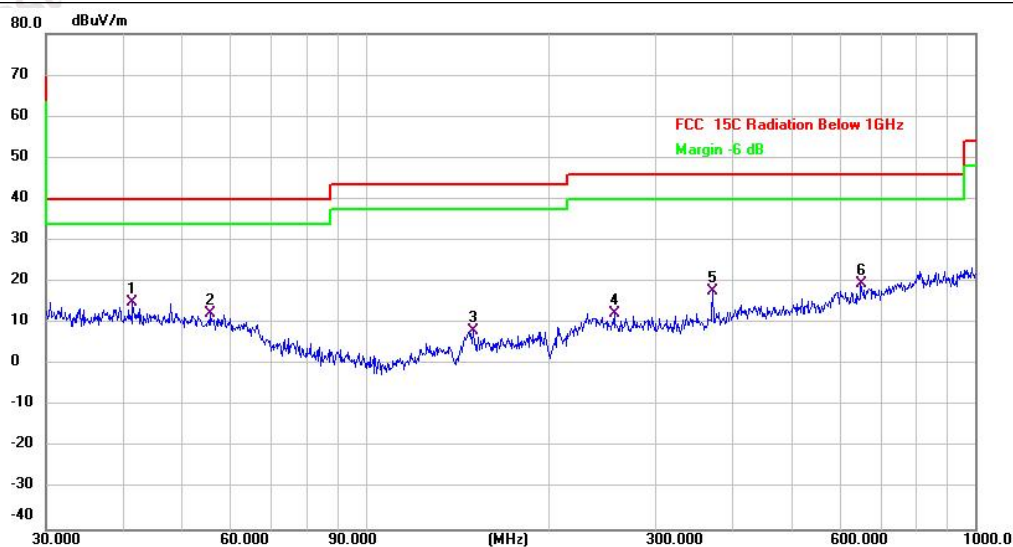


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6.8.3 Test Data:

Mode1 / Polarization: Horizontal / U-NII Band 1 / CH: H

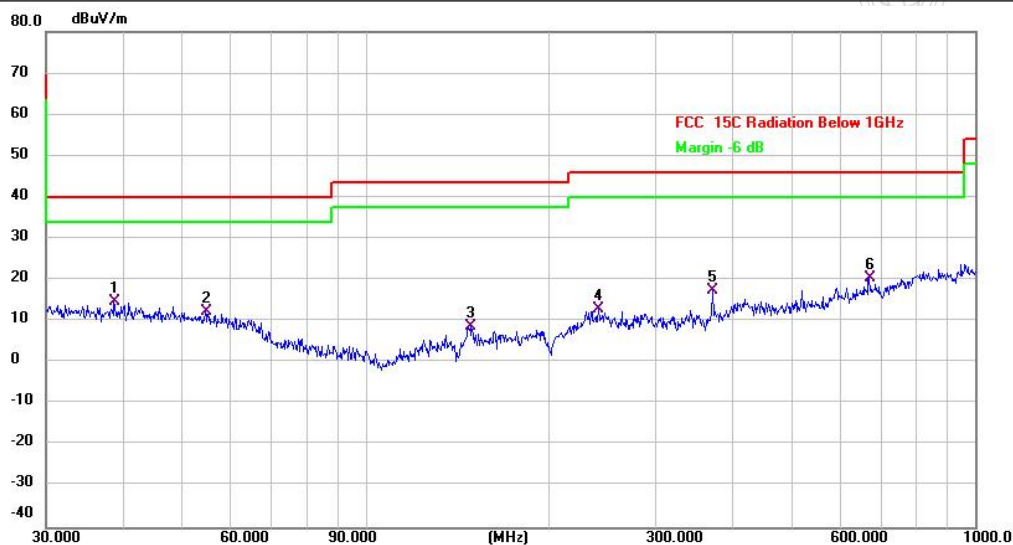


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1 *	41.5670	29.60	-14.69	14.91	40.00	-25.09	QP	
2	55.6094	28.59	-16.23	12.36	40.00	-27.64	QP	
3	150.0108	28.39	-20.18	8.21	43.50	-35.29	QP	
4	256.5211	28.51	-16.02	12.49	46.00	-33.51	QP	
5	372.0045	33.15	-15.48	17.67	46.00	-28.33	QP	
6	649.6597	29.77	-10.33	19.44	46.00	-26.56	QP	

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Mode1 / Polarization: Vertical / U-NII Band 1 / CH: H

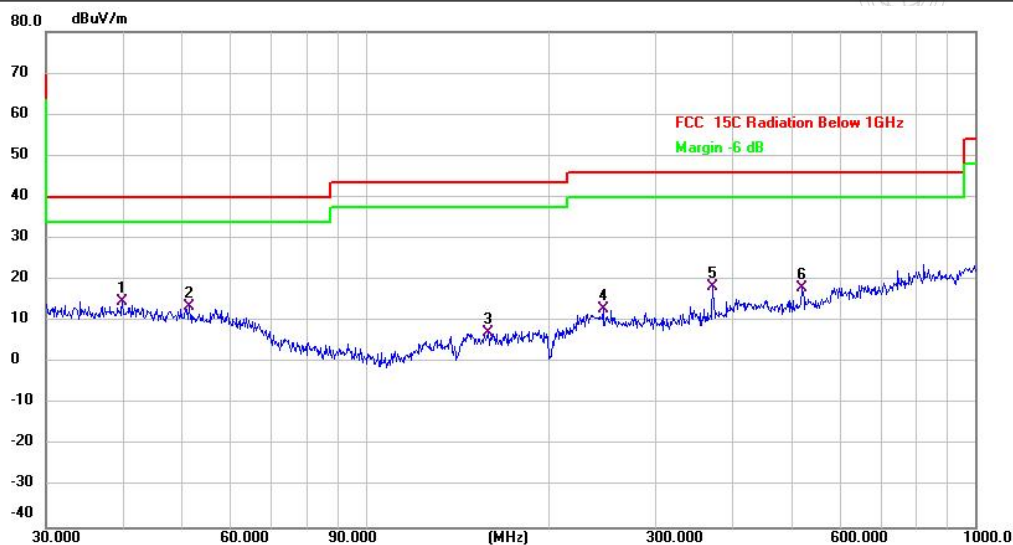


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	38.7518	39.73	-25.02	14.71	40.00	-25.29	QP	
2		54.6429	34.82	-22.33	12.49	40.00	-27.51	QP	
3		148.4410	25.03	-16.40	8.63	43.50	-34.87	QP	
4		241.6763	32.11	-19.02	13.09	46.00	-32.91	QP	
5		372.0045	32.82	-15.33	17.49	46.00	-28.51	QP	
6		670.4893	29.48	-9.14	20.34	46.00	-25.66	QP	

TEST REPORT

Report No.: MTi250724027-0106E2

Mode1 / Polarization: Horizontal / U-NII Band 3 / CH: H

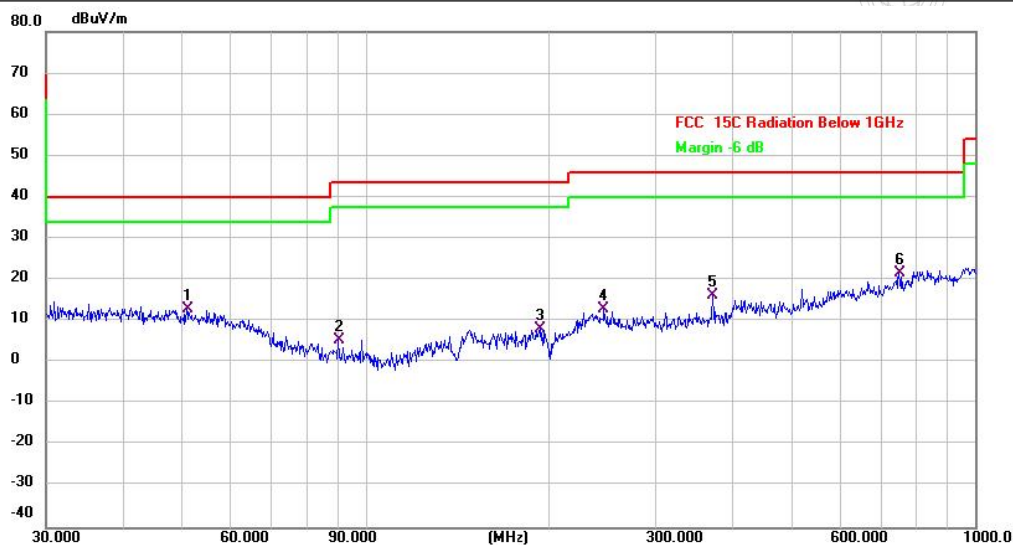


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	39.9942	39.30	-24.51	14.79	40.00	-25.21	QP	
2		51.4807	35.45	-21.97	13.48	40.00	-26.52	QP	
3		158.6677	24.72	-17.44	7.28	43.50	-36.22	QP	
4		245.9509	31.42	-18.52	12.90	46.00	-33.10	QP	
5		372.0045	33.64	-15.33	18.31	46.00	-27.69	QP	
6		520.8882	30.88	-12.97	17.91	46.00	-28.09	QP	

TEST REPORT

Report No.: MTi250724027-0106E2

Mode1 / Polarization: Vertical / U-NII Band 3 / CH: H

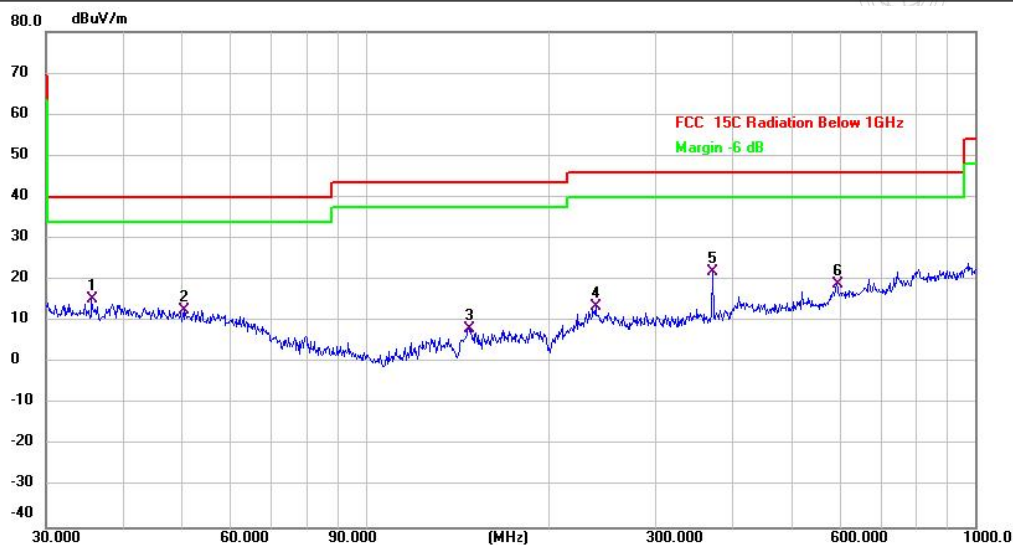


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		50.9420	28.63	-15.61	13.02	40.00	-26.98	QP	
2		90.2205	29.60	-24.02	5.58	43.50	-37.92	QP	
3		194.4534	27.58	-19.40	8.18	43.50	-35.32	QP	
4		246.8149	28.29	-15.31	12.98	46.00	-33.02	QP	
5		372.0045	31.85	-15.48	16.37	46.00	-29.63	QP	
6	*	750.1083	29.30	-7.70	21.60	46.00	-24.40	QP	

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Report No.: MTi250724027-0106E2

Mode4 / Polarization: Horizontal / U-NII Band 1 / CH: H

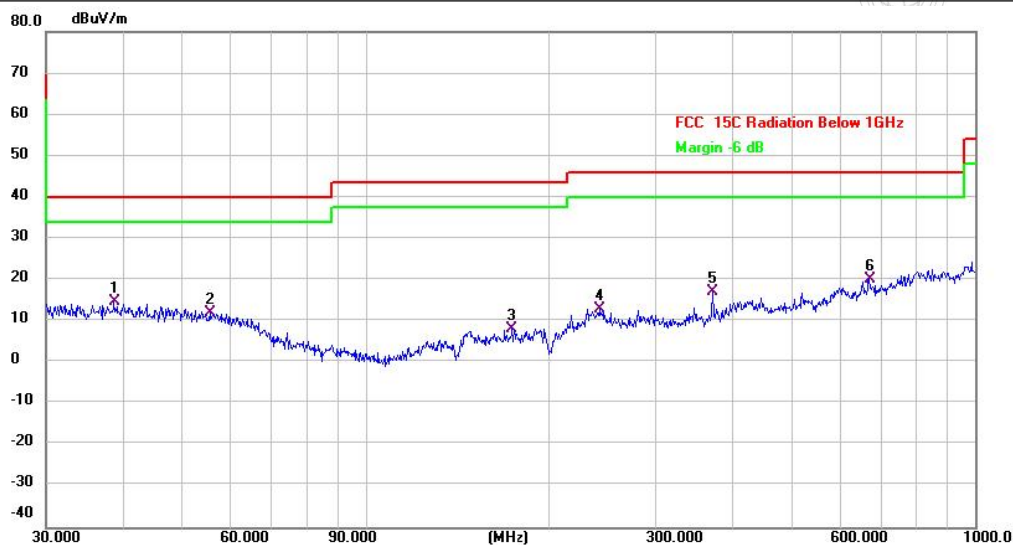


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		35.6240	29.80	-14.53	15.27	40.00	-24.73	QP	
2		50.4089	28.28	-15.66	12.62	40.00	-27.38	QP	
3		147.9214	27.53	-19.33	8.20	43.50	-35.30	QP	
4		239.1473	28.53	-14.85	13.68	46.00	-32.32	QP	
5	*	372.0045	37.52	-15.48	22.04	46.00	-23.96	QP	
6		593.0497	29.75	-10.68	19.07	46.00	-26.93	QP	

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Report No.: MTi250724027-0106E2

Mode4 / Polarization: Vertical / U-NII Band 1 / CH: H

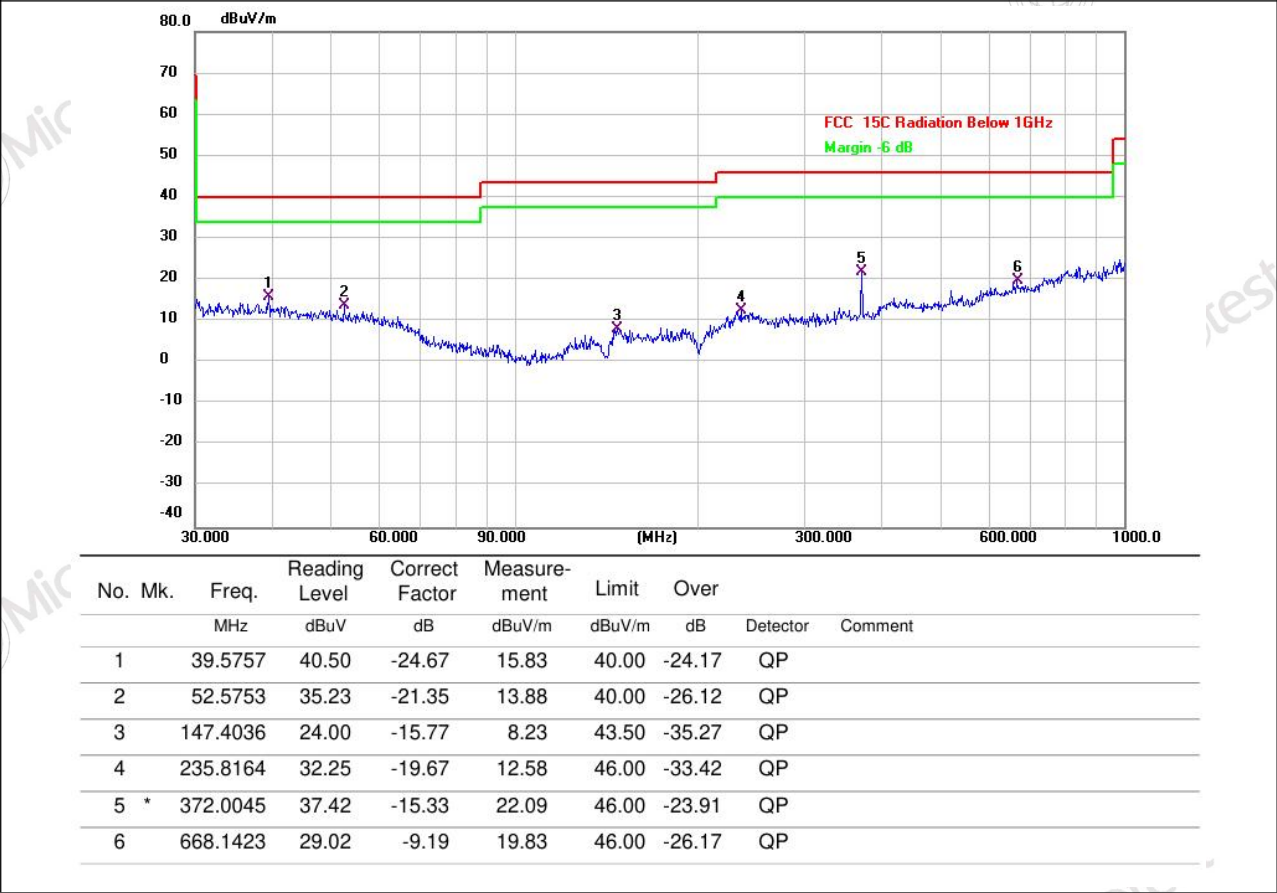


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	38.7518	39.91	-25.02	14.89	40.00	-25.11	QP	
2		55.6094	34.09	-21.92	12.17	40.00	-27.83	QP	
3		173.8135	25.77	-17.73	8.04	43.50	-35.46	QP	
4		242.5253	31.96	-18.91	13.05	46.00	-32.95	QP	
5		372.0045	32.39	-15.33	17.06	46.00	-28.94	QP	
6		670.4893	29.37	-9.14	20.23	46.00	-25.77	QP	

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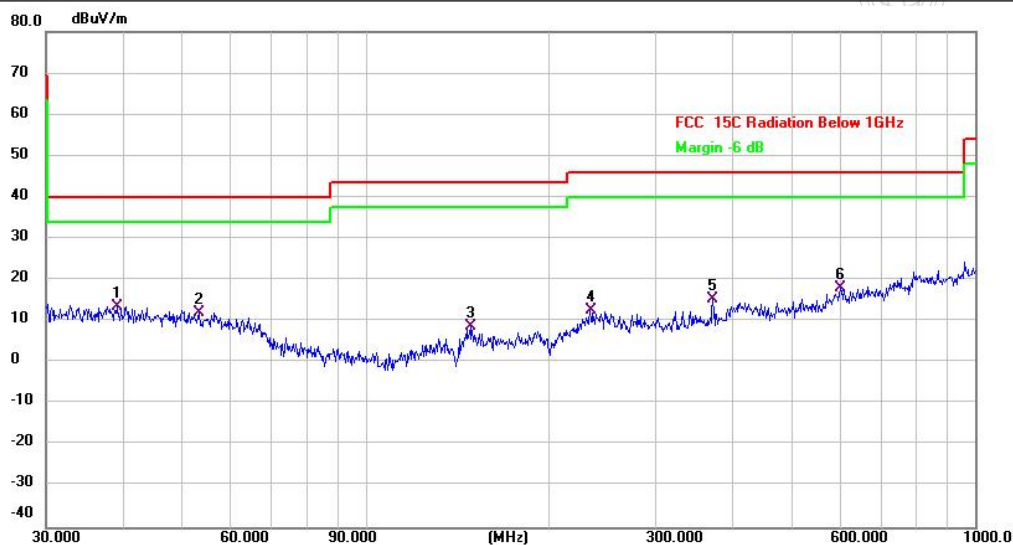
Mode4 / Polarization: Horizontal / U-NII Band 3 / CH: H



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Report No.: MTi250724027-0106E2

Mode4 / Polarization: Vertical / U-NII Band 3 / CH: H

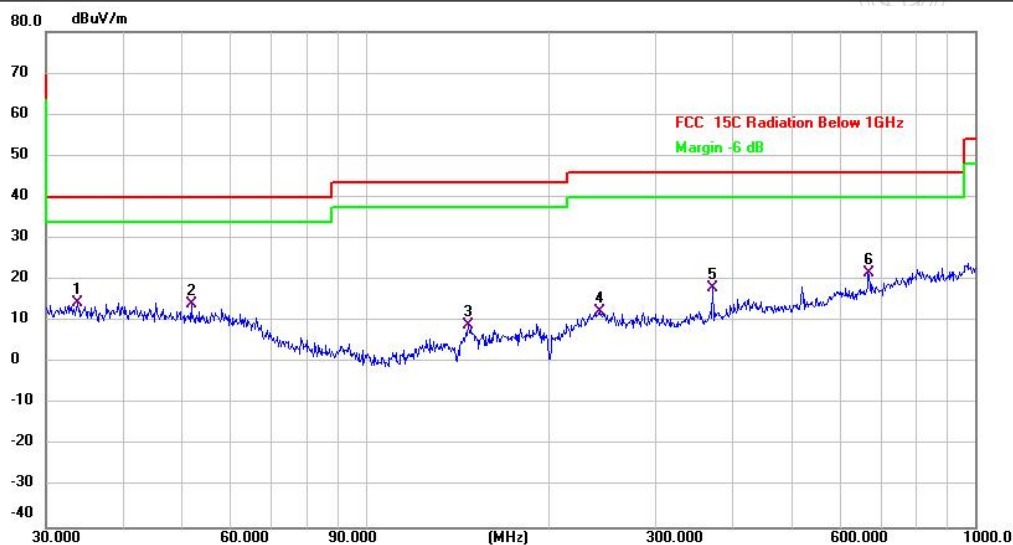


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	39.1616	27.94	-14.29	13.65	40.00	-26.35	QP	
2		53.5052	27.93	-15.94	11.99	40.00	-28.01	QP	
3		148.4410	28.29	-19.65	8.64	43.50	-34.86	QP	
4		234.1684	27.37	-14.75	12.62	46.00	-33.38	QP	
5		372.0045	30.92	-15.48	15.44	46.00	-30.56	QP	
6		601.4265	28.39	-10.48	17.91	46.00	-28.09	QP	

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Report No.: MTi250724027-0106E2

Mode7 / Polarization: Horizontal / U-NII Band 1 / CH: H

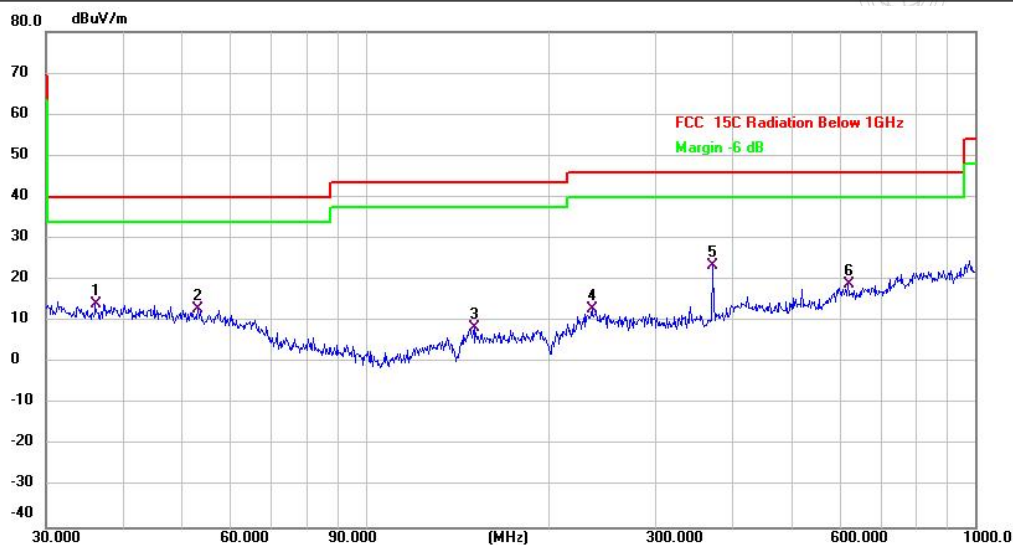


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		33.7986	28.81	-14.23	14.58	40.00	-25.42	QP	
2		51.8430	29.88	-15.68	14.20	40.00	-25.80	QP	
3		147.4036	28.26	-19.16	9.10	43.50	-34.40	QP	
4		242.5253	27.39	-15.10	12.29	46.00	-33.71	QP	
5		372.0045	33.68	-15.48	18.20	46.00	-27.80	QP	
6	*	668.1423	31.34	-9.66	21.68	46.00	-24.32	QP	

TEST REPORT

Report No.: MTi250724027-0106E2

Mode7 / Polarization: Vertical / U-NII Band 1 / CH: H

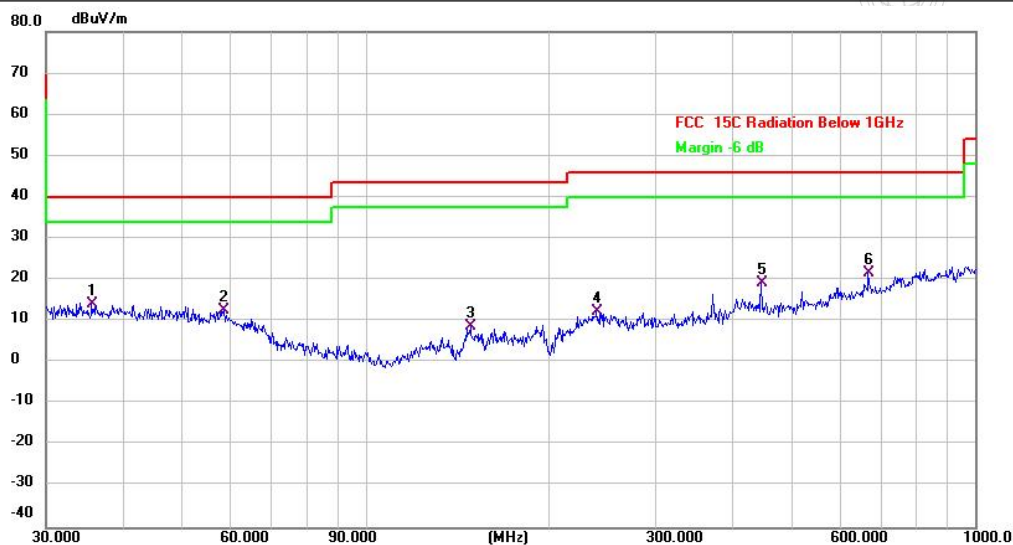


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	36.1272	38.79	-24.64	14.15	40.00	-25.85	QP	
2	53.1313	34.06	-21.24	12.82	40.00	-27.18	QP	
3	150.5378	25.61	-17.15	8.46	43.50	-35.04	QP	
4	235.8164	32.56	-19.67	12.89	46.00	-33.11	QP	
5 *	372.0045	38.71	-15.33	23.38	46.00	-22.62	QP	
6	618.5369	30.42	-11.50	18.92	46.00	-27.08	QP	

TEST REPORT

Report No.: MTi250724027-0106E2

Mode7 / Polarization: Horizontal / U-NII Band 3 / CH: H

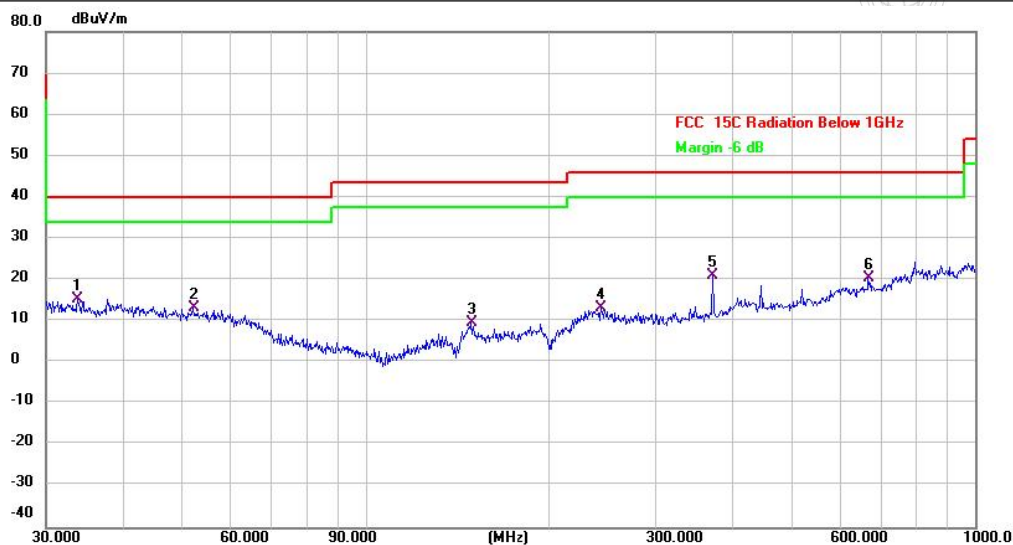


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	35.6240	39.03	-24.80	14.23	40.00	-25.77	QP	
2	58.6126	34.25	-21.67	12.58	40.00	-27.42	QP	
3	148.4410	25.10	-16.40	8.70	43.50	-34.80	QP	
4	239.9874	31.58	-19.21	12.37	46.00	-33.63	QP	
5	446.4141	33.67	-14.37	19.30	46.00	-26.70	QP	
6 *	668.1423	30.89	-9.19	21.70	46.00	-24.30	QP	

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Mode7 / Polarization: Vertical / U-NII Band 3 / CH: H



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	33.7986	29.65	-14.23	15.42	40.00	-24.58	QP	
2		52.2079	29.00	-15.70	13.30	40.00	-26.70	QP	
3		148.9625	29.56	-20.00	9.56	43.50	-33.94	QP	
4		244.2321	28.53	-15.24	13.29	46.00	-32.71	QP	
5		372.0045	36.39	-15.48	20.91	46.00	-25.09	QP	
6		668.1423	30.22	-9.66	20.56	46.00	-25.44	QP	

TEST REPORT

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6.9 Undesirable emission limits (above 1GHz)

Test Requirement:	47 CFR Part 15.407(b)(1) 47 CFR Part 15.407(b)(4) 47 CFR Part 15.407(b)(10)																																																																										
Test Limit:	For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. For transmitters operating solely in the 5.725-5.850 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge. <table border="1"> <thead> <tr> <th>MHz</th><th>MHz</th><th>MHz</th><th>GHz</th></tr> </thead> <tbody> <tr> <td>0.090-0.110</td><td>16.42-16.423</td><td>399.9-410</td><td>4.5-5.15</td></tr> <tr> <td>¹ 0.495-0.505</td><td>16.69475-16.69525</td><td>608-614</td><td>5.35-5.46</td></tr> <tr> <td>2.1735-2.1905</td><td>16.80425-16.80475</td><td>960-1240</td><td>7.25-7.75</td></tr> <tr> <td>4.125-4.128</td><td>25.5-25.67</td><td>1300-1427</td><td>8.025-8.5</td></tr> <tr> <td>4.17725-4.17775</td><td>37.5-38.25</td><td>1435-1626.5</td><td>9.0-9.2</td></tr> <tr> <td>4.20725-4.20775</td><td>73-74.6</td><td>1645.5-1646.5</td><td>9.3-9.5</td></tr> <tr> <td>6.215-6.218</td><td>74.8-75.2</td><td>1660-1710</td><td>10.6-12.7</td></tr> <tr> <td>6.26775-6.26825</td><td>108-121.94</td><td>1718.8-1722.2</td><td>13.25-13.4</td></tr> <tr> <td>6.31175-6.31225</td><td>123-138</td><td>2200-2300</td><td>14.47-14.5</td></tr> <tr> <td>8.291-8.294</td><td>149.9-150.05</td><td>2310-2390</td><td>15.35-16.2</td></tr> <tr> <td>8.362-8.366</td><td>156.52475-156.52525</td><td>2483.5-2500</td><td>17.7-21.4</td></tr> <tr> <td>8.37625-8.38675</td><td>156.7-156.9</td><td>2690-2900</td><td>22.01-23.12</td></tr> <tr> <td>8.41425-8.41475</td><td>162.0125-167.17</td><td>3260-3267</td><td>23.6-24.0</td></tr> <tr> <td>12.29-12.293</td><td>167.72-173.2</td><td>3332-3339</td><td>31.2-31.8</td></tr> <tr> <td>12.51975-12.52025</td><td>240-285</td><td>3345.8-3358</td><td>36.43-36.5</td></tr> <tr> <td>12.57675-12.57725</td><td>322-335.4</td><td>3600-4400</td><td>(²)</td></tr> <tr> <td>13.36-13.41</td><td></td><td></td><td></td></tr> </tbody> </table> ¹ Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz. ² Above 38.6 The field strength of emissions appearing within these frequency bands shall not exceed the limits shown in § 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in § 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in § 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in § 15.35 apply to these measurements.			MHz	MHz	MHz	GHz	0.090-0.110	16.42-16.423	399.9-410	4.5-5.15	¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46	2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75	4.125-4.128	25.5-25.67	1300-1427	8.025-8.5	4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2	4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5	6.215-6.218	74.8-75.2	1660-1710	10.6-12.7	6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4	6.31175-6.31225	123-138	2200-2300	14.47-14.5	8.291-8.294	149.9-150.05	2310-2390	15.35-16.2	8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4	8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12	8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0	12.29-12.293	167.72-173.2	3332-3339	31.2-31.8	12.51975-12.52025	240-285	3345.8-3358	36.43-36.5	12.57675-12.57725	322-335.4	3600-4400	(²)	13.36-13.41			
MHz	MHz	MHz	GHz																																																																								
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15																																																																								
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46																																																																								
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75																																																																								
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5																																																																								
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2																																																																								
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5																																																																								
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7																																																																								
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4																																																																								
6.31175-6.31225	123-138	2200-2300	14.47-14.5																																																																								
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2																																																																								
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4																																																																								
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12																																																																								
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0																																																																								
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8																																																																								
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5																																																																								
12.57675-12.57725	322-335.4	3600-4400	(²)																																																																								
13.36-13.41																																																																											

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Except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100 **	3
88-216	150 **	3
216-960	200 **	3
Above 960	500	3

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.

In the emission table above, the tighter limit applies at the band edges.

The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

Test Method: ANSI C63.10-2020, section 12.7.4, 12.7.6, 12.7.7

Procedure:

Above 1GHz:

- For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- 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.
- 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.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- Test the EUT in the lowest channel, the middle channel, the Highest channel.
- The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- Repeat above procedures until all frequencies measured was complete.

Remark:

- Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
- Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low.

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	The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported. 3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report. 4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
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6.9.1 E.U.T. Operation:

Operating Environment:					
Temperature:	20.3 °C	Humidity:	45.2 %	Atmospheric Pressure:	100 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9				
Final test mode:	All of the listed pre-test mode were tested, only the data of the worst mode (Mode1, Mode4, Mode7) is recorded in the report				

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6.9.2 Test Data:

Mode1 / Polarization: Horizontal / U-NII Band 1 / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10360.000	46.83	10.33	57.16	74.00	-16.84	peak
2		10360.000	39.79	10.33	50.12	54.00	-3.88	AVG
3		15540.000	46.75	12.23	58.98	74.00	-15.02	peak
4	*	15540.000	38.00	12.23	50.23	54.00	-3.77	AVG

Mode1 / Polarization: Vertical / U-NII Band 1 / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10360.000	43.71	10.33	54.04	74.00	-19.96	peak
2		10360.000	39.81	10.33	50.14	54.00	-3.86	AVG
3		15540.000	46.04	12.23	58.27	74.00	-15.73	peak
4	*	15540.000	38.13	12.23	50.36	54.00	-3.64	AVG

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Mode1 / Polarization: Horizontal / U-NII Band 1 / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10400.000	45.75	10.38	56.13	74.00	-17.87	peak
2		10400.000	38.87	10.38	49.25	54.00	-4.75	AVG
3		15600.000	46.53	12.37	58.90	74.00	-15.10	peak
4	*	15600.000	37.90	12.37	50.27	54.00	-3.73	AVG

Mode1 / Polarization: Vertical / U-NII Band 1 / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10400.000	44.19	10.38	54.57	74.00	-19.43	peak
2	*	10400.000	38.94	10.38	49.32	54.00	-4.68	AVG
3		15600.000	45.99	12.37	58.36	74.00	-15.64	peak
4		15600.000	36.90	12.37	49.27	54.00	-4.73	AVG

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Report No.: MTi250724027-0106E2

Mode1 / Polarization: Horizontal / U-NII Band 1 / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	44.61	10.24	54.85	74.00	-19.15	peak
2		10480.000	38.00	10.24	48.24	54.00	-5.76	AVG
3		15720.000	46.32	12.26	58.58	74.00	-15.42	peak
4	*	15720.000	37.06	12.26	49.32	54.00	-4.68	AVG

Mode1 / Polarization: Vertical / U-NII Band 1 / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	44.59	10.24	54.83	74.00	-19.17	peak
2		10480.000	38.30	10.24	48.54	54.00	-5.46	AVG
3		15720.000	46.47	12.26	58.73	74.00	-15.27	peak
4	*	15720.000	37.48	12.26	49.74	54.00	-4.26	AVG

TEST REPORT

Report No.: MTi250724027-0106E2

Mode1 / Polarization: Horizontal / U-NII Band 3 / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11490.000	45.50	11.12	56.62	68.20	-11.58	peak
2		11490.000	38.53	11.12	49.65	54.00	-4.35	AVG
3		17235.000	46.69	13.79	60.48	68.20	-7.72	peak
4	*	17235.000	36.42	13.79	50.21	54.00	-3.79	AVG

Mode1 / Polarization: Vertical / U-NII Band 3 / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11490.000	44.20	11.12	55.32	68.20	-12.88	peak
2		11490.000	37.11	11.12	48.23	54.00	-5.77	AVG
3		17235.000	45.44	13.79	59.23	68.20	-8.97	peak
4	*	17235.000	36.46	13.79	50.25	54.00	-3.75	AVG

TEST REPORT

Report No.: MTi250724027-0106E2

Mode1 / Polarization: Horizontal / U-NII Band 3 / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	45.86	10.72	56.58	68.20	-11.62	peak
2		11570.000	38.86	10.72	49.58	54.00	-4.42	AVG
3		17235.000	46.12	13.79	59.91	68.20	-8.29	peak
4	*	17235.000	36.44	13.79	50.23	54.00	-3.77	AVG

Mode1 / Polarization: Vertical / U-NII Band 3 / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	45.21	10.72	55.93	68.20	-12.27	peak
2		11570.000	37.90	10.72	48.62	54.00	-5.38	AVG
3		17235.000	45.67	13.79	59.46	68.20	-8.74	peak
4	*	17235.000	36.42	13.79	50.21	54.00	-3.79	AVG

TEST REPORT

Report No.: MTi250724027-0106E2

Mode1 / Polarization: Horizontal / U-NII Band 3 / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	44.82	10.60	55.42	68.20	-12.78	peak
2		11650.000	39.02	10.60	49.62	54.00	-4.38	AVG
3		17475.000	45.86	14.40	60.26	68.20	-7.94	peak
4	*	17475.000	35.83	14.40	50.23	54.00	-3.77	AVG

Mode1 / Polarization: Vertical / U-NII Band 3 / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	44.71	10.60	55.31	68.20	-12.89	peak
2		11650.000	38.02	10.60	48.62	54.00	-5.38	AVG
3		17475.000	46.97	14.40	61.37	68.20	-6.83	peak
4	*	17475.000	35.81	14.40	50.21	54.00	-3.79	AVG

TEST REPORT

Report No.: MTi250724027-0106E2

Mode4 / Polarization: Horizontal / U-NII Band 1 / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10360.000	46.99	10.33	57.32	74.00	-16.68	peak
2	*	10360.000	38.90	10.33	49.23	54.00	-4.77	AVG
3		15540.000	47.13	12.23	59.36	74.00	-14.64	peak
4		15540.000	36.03	12.23	48.26	54.00	-5.74	AVG

Mode4 / Polarization: Vertical / U-NII Band 1 / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10360.000	44.44	10.33	54.77	74.00	-19.23	peak
2		10360.000	38.92	10.33	49.25	54.00	-4.75	AVG
3		15540.000	46.54	12.23	58.77	74.00	-15.23	peak
4	*	15540.000	37.04	12.23	49.27	54.00	-4.73	AVG

TEST REPORT

Report No.: MTi250724027-0106E2

Mode4 / Polarization: Horizontal / U-NII Band 1 / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10400.000	44.51	10.38	54.89	74.00	-19.11	peak
2		10400.000	37.87	10.38	48.25	54.00	-5.75	AVG
3		15600.000	46.13	12.37	58.50	74.00	-15.50	peak
4	*	15600.000	36.95	12.37	49.32	54.00	-4.68	AVG

Mode4 / Polarization: Vertical / U-NII Band 1 / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10400.000	44.03	10.38	54.41	74.00	-19.59	peak
2	*	10400.000	39.76	10.38	50.14	54.00	-3.86	AVG
3		15600.000	46.01	12.37	58.38	74.00	-15.62	peak
4		15600.000	36.95	12.37	49.32	54.00	-4.68	AVG

TEST REPORT

Report No.: MTi250724027-0106E2

Mode4 / Polarization: Horizontal / U-NII Band 1 / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	45.98	10.24	56.22	74.00	-17.78	peak
2		10480.000	38.33	10.24	48.57	54.00	-5.43	AVG
3		15720.000	46.59	12.26	58.85	74.00	-15.15	peak
4	*	15720.000	37.36	12.26	49.62	54.00	-4.38	AVG

Mode4 / Polarization: Vertical / U-NII Band 1 / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	44.39	10.24	54.63	74.00	-19.37	peak
2		10480.000	36.97	10.24	47.21	54.00	-6.79	AVG
3		15720.000	46.93	12.26	59.19	74.00	-14.81	peak
4	*	15720.000	36.99	12.26	49.25	54.00	-4.75	AVG

TEST REPORT

Report No.: MTi250724027-0106E2

Mode4 / Polarization: Horizontal / U-NII Band 3 / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11490.000	44.33	11.12	55.45	68.20	-12.75	peak
2	*	11490.000	39.29	11.12	50.41	54.00	-3.59	AVG
3		17235.000	45.57	13.79	59.36	68.20	-8.84	peak
4		17235.000	35.57	13.79	49.36	54.00	-4.64	AVG

Mode4 / Polarization: Vertical / U-NII Band 3 / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11490.000	43.77	11.12	54.89	68.20	-13.31	peak
2		11490.000	39.29	11.12	50.41	54.00	-3.59	AVG
3		17235.000	46.10	13.79	59.89	68.20	-8.31	peak
4	*	17235.000	36.75	13.79	50.54	54.00	-3.46	AVG

TEST REPORT

Report No.: MTi250724027-0106E2

Mode4 / Polarization: Horizontal / U-NII Band 3 / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	45.15	10.72	55.87	68.20	-12.33	peak
2		11570.000	39.15	10.72	49.87	54.00	-4.13	AVG
3		17355.000	45.68	14.10	59.78	68.20	-8.42	peak
4	*	17355.000	36.37	14.10	50.47	54.00	-3.53	AVG

Mode4 / Polarization: Vertical / U-NII Band 3 / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	45.09	10.72	55.81	68.20	-12.39	peak
2	*	11570.000	39.69	10.72	50.41	54.00	-3.59	AVG
3		17355.000	45.90	14.10	60.00	68.20	-8.20	peak
4		17355.000	36.13	14.10	50.23	54.00	-3.77	AVG

TEST REPORT

Report No.: MTi250724027-0106E2

Mode4 / Polarization: Horizontal / U-NII Band 3 / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	45.49	10.60	56.09	68.20	-12.11	peak
2		11650.000	38.02	10.60	48.62	54.00	-5.38	AVG
3		17475.000	46.51	14.40	60.91	68.20	-7.29	peak
4	*	17475.000	35.81	14.40	50.21	54.00	-3.79	AVG

Mode4 / Polarization: Vertical / U-NII Band 3 / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	45.20	10.60	55.80	68.20	-12.40	peak
2		11650.000	39.27	10.60	49.87	54.00	-4.13	AVG
3		17475.000	45.34	14.40	59.74	68.20	-8.46	peak
4	*	17475.000	35.83	14.40	50.23	54.00	-3.77	AVG

TEST REPORT

Report No.: MTi250724027-0106E2

Mode7 / Polarization: Horizontal / U-NII Band 1 / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10360.000	46.20	10.33	56.53	74.00	-17.47	peak
2	*	10360.000	39.77	10.33	50.10	54.00	-3.90	AVG
3		15540.000	46.70	12.23	58.93	74.00	-15.07	peak
4		15540.000	37.34	12.23	49.57	54.00	-4.43	AVG

Mode7 / Polarization: Vertical / U-NII Band 1 / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10360.000	44.73	10.33	55.06	74.00	-18.94	peak
2		10360.000	38.03	10.33	48.36	54.00	-5.64	AVG
3		15540.000	46.90	12.23	59.13	74.00	-14.87	peak
4	*	15540.000	37.52	12.23	49.75	54.00	-4.25	AVG

TEST REPORT

Report No.: MTi250724027-0106E2

Mode7 / Polarization: Horizontal / U-NII Band 1 / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10400.000	45.08	10.38	55.46	74.00	-18.54	peak
2	*	10400.000	40.01	10.38	50.39	54.00	-3.61	AVG
3		15600.000	46.45	12.37	58.82	74.00	-15.18	peak
4		15600.000	36.90	12.37	49.27	54.00	-4.73	AVG

Mode7 / Polarization: Vertical / U-NII Band 1 / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10400.000	44.19	10.38	54.57	74.00	-19.43	peak
2		10400.000	38.86	10.38	49.24	54.00	-4.76	AVG
3		15600.000	46.16	12.37	58.53	74.00	-15.47	peak
4	*	15600.000	36.95	12.37	49.32	54.00	-4.68	AVG

TEST REPORT

Report No.: MTi250724027-0106E2

Mode7 / Polarization: Horizontal / U-NII Band 1 / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	44.11	10.24	54.35	74.00	-19.65	peak
2		10480.000	38.38	10.24	48.62	54.00	-5.38	AVG
3		15720.000	46.65	12.26	58.91	74.00	-15.09	peak
4	*	15720.000	36.99	12.26	49.25	54.00	-4.75	AVG

Mode7 / Polarization: Vertical / U-NII Band 1 / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	44.86	10.24	55.10	74.00	-18.90	peak
2		10480.000	38.38	10.24	48.62	54.00	-5.38	AVG
3		15720.000	46.79	12.26	59.05	74.00	-14.95	peak
4	*	15720.000	37.39	12.26	49.65	54.00	-4.35	AVG

TEST REPORT

Report No.: MTi250724027-0106E2

Mode7 / Polarization: Horizontal / U-NII Band 3 / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11490.000	43.72	11.12	54.84	68.20	-13.36	peak
2		11490.000	38.13	11.12	49.25	54.00	-4.75	AVG
3		17235.000	46.33	13.79	60.12	68.20	-8.08	peak
4	*	17235.000	36.62	13.79	50.41	54.00	-3.59	AVG

Mode7 / Polarization: Vertical / U-NII Band 3 / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11490.000	44.17	11.12	55.29	68.20	-12.91	peak
2	*	11490.000	39.29	11.12	50.41	54.00	-3.59	AVG
3		17235.000	45.64	13.79	59.43	68.20	-8.77	peak
4		17235.000	35.88	13.79	49.67	54.00	-4.33	AVG

TEST REPORT

Report No.: MTi250724027-0106E2

Mode7 / Polarization: Horizontal / U-NII Band 3 / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	45.69	10.72	56.41	68.20	-11.79	peak
2		11570.000	38.86	10.72	49.58	54.00	-4.42	AVG
3		17355.000	45.66	14.10	59.76	68.20	-8.44	peak
4	*	17355.000	36.17	14.10	50.27	54.00	-3.73	AVG

Mode7 / Polarization: Vertical / U-NII Band 3 / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	45.26	10.72	55.98	68.20	-12.22	peak
2		11570.000	38.82	10.72	49.54	54.00	-4.46	AVG
3		17355.000	45.91	14.10	60.01	68.20	-8.19	peak
4	*	17355.000	36.02	14.10	50.12	54.00	-3.88	AVG

TEST REPORT

Report No.: MTi250724027-0106E2

Mode7 / Polarization: Horizontal / U-NII Band 3 / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	45.36	10.60	55.96	68.20	-12.24	peak
2		11650.000	38.63	10.60	49.23	54.00	-4.77	AVG
3		17475.000	45.57	14.40	59.97	68.20	-8.23	peak
4	*	17475.000	35.85	14.40	50.25	54.00	-3.75	AVG

Mode7 / Polarization: Vertical / U-NII Band 3 / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	45.09	10.60	55.69	68.20	-12.51	peak
2	*	11650.000	39.63	10.60	50.23	54.00	-3.77	AVG
3		17475.000	46.41	14.40	60.81	68.20	-7.39	peak
4		17475.000	34.81	14.40	49.21	54.00	-4.79	AVG

TEST REPORT

Report No.: MTi250724027-0106E2

Photographs of the test setup

Refer to Appendix - Test Setup Photos

TEST REPORT

Report No.: MTi250724027-0106E2

Photographs of the EUT

Refer to Appendix - EUT Photos

Appendix

TEST REPORT

Report No.: MTi250724027-0106E2

Appendix A1: Emission bandwidth (26dB bandwidth)

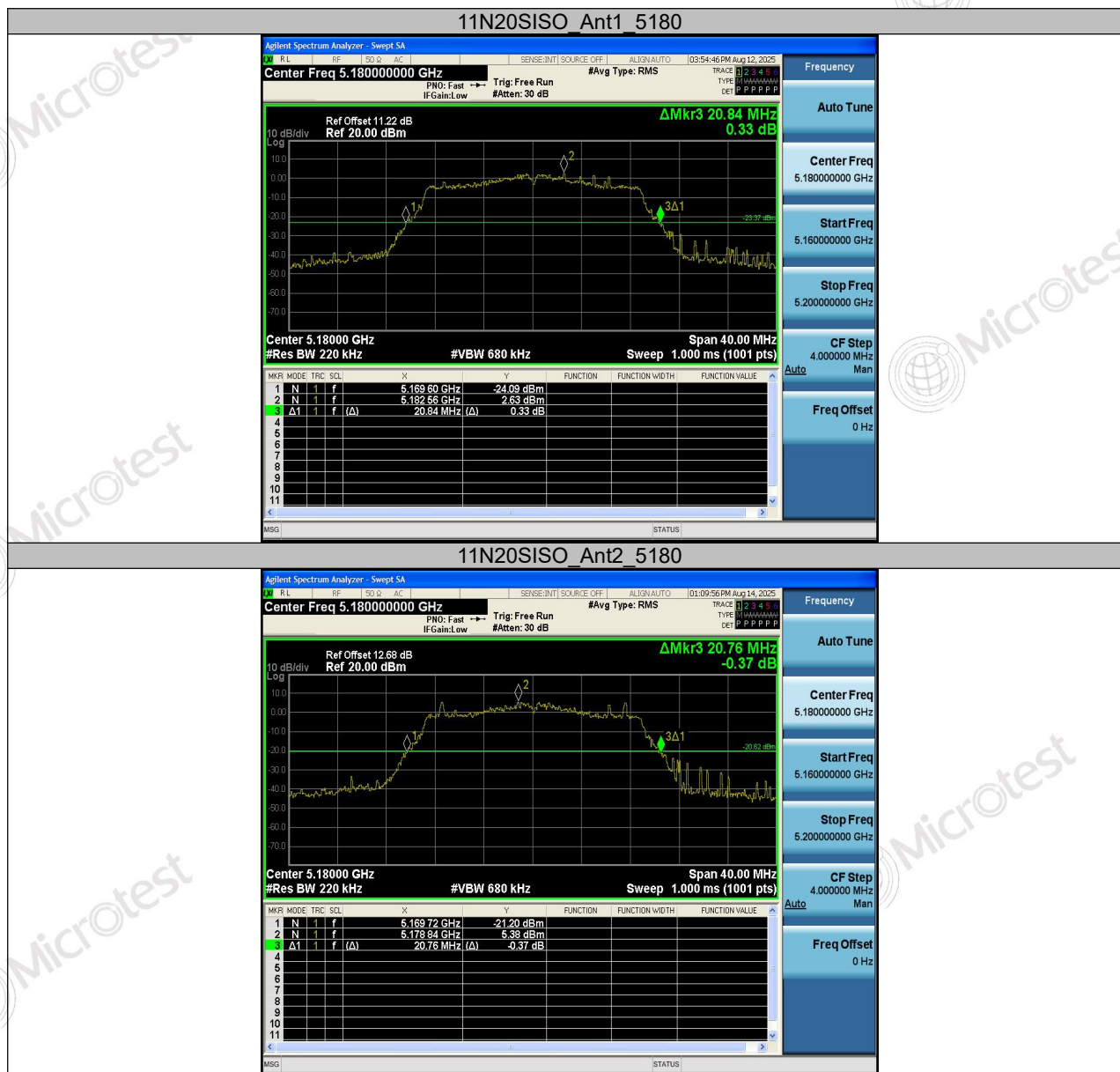
Test Result

Test Mode	Antenna	Frequency [MHz]	26db EBW [MHz]
11N20SISO	Ant1	5180	20.840
	Ant2	5180	20.760
	Ant1	5200	21.280
	Ant2	5200	20.960
	Ant1	5240	20.840
	Ant2	5240	20.920
	Ant1	5745	20.800
	Ant2	5745	21.160
	Ant1	5785	20.760
	Ant2	5785	21.160
	Ant1	5825	20.800
	Ant2	5825	20.960
11N40SISO	Ant1	5190	39.920
	Ant2	5190	40.320
	Ant1	5230	40.000
	Ant2	5230	39.760
	Ant1	5755	40.080
	Ant2	5755	40.240
	Ant1	5795	40.160
	Ant2	5795	40.000
11AC80SISO	Ant1	5210	82.080
	Ant2	5210	81.600
	Ant1	5775	81.440
	Ant2	5775	82.240
11N20MIMO	Ant1	5180	20.920
	Ant2	5180	20.520
	Ant1	5200	20.800
	Ant2	5200	20.760
	Ant1	5240	20.840
	Ant2	5240	20.560
	Ant1	5745	20.960
	Ant2	5745	20.800
	Ant1	5785	20.480
	Ant2	5785	20.680
	Ant1	5825	20.600
	Ant2	5825	20.520
11N40MIMO	Ant1	5190	40.320
	Ant2	5190	40.080
	Ant1	5230	40.080
	Ant2	5230	39.760
	Ant1	5755	40.080
	Ant2	5755	39.600
	Ant1	5795	39.920
	Ant2	5795	39.440
11AC80MIMO	Ant1	5210	82.080
	Ant2	5210	81.120
	Ant1	5775	81.280
	Ant2	5775	81.760

TEST REPORT

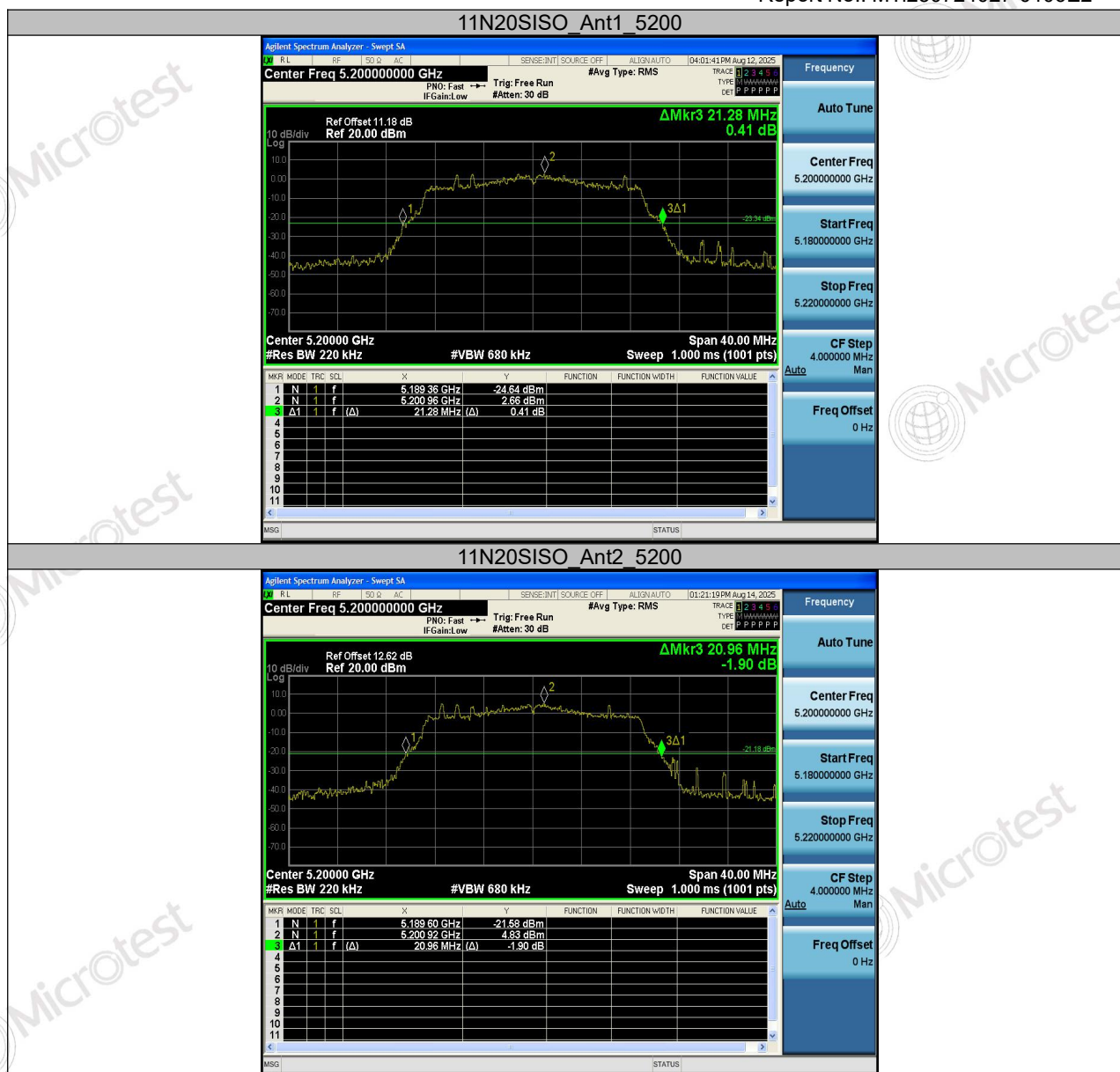
Report No.: MTi250724027-0106E2

Test Graphs



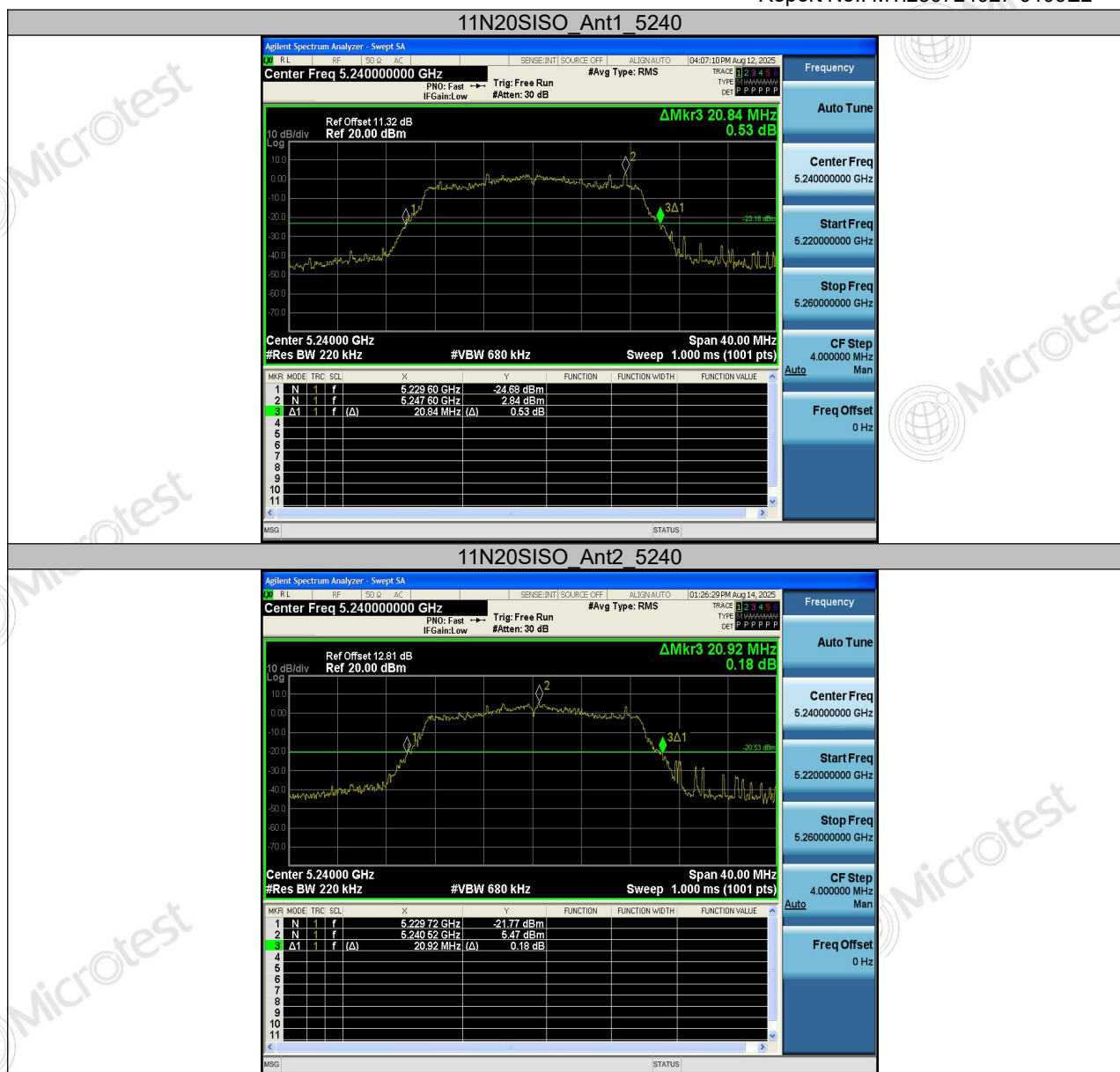
TEST REPORT

Report No.: MTI250724027-0106E2



TEST REPORT

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TEST REPORT

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