

Test Report

Report No. : MTi260610016-0103E2
Date of issue : 2026-10-10
Applicant : Shenzhen Sipeed Technology Co, Ltd.
Product : NanoKVM GO
Model(s) : NanoKVM GO+, NanoKVM GO
FCC ID : 2AS7P-NANOKVMGO

Shenzhen Microtest Co., Ltd.

TEST REPORT

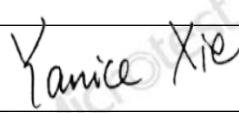
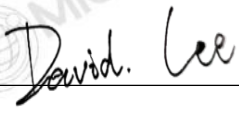
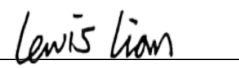
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Test Result Certification		
Applicant	Shenzhen Sipeed Technology Co, Ltd.	
Applicant Address	Room 401, BLDG A, Huafeng Smart Innovation Port, Gushu, Bao'an, Shenzhen, China.	
Manufacturer	Shenzhen Sipeed Technology Co, Ltd.	
Manufacturer Address	2101D1, Block A, Hengfang Building, No.4008 Xinhua Road, Bao'an District, Shenzhen	
Factory	Shenzhen Sipeed Technology Co, Ltd.	
Factory Address	2101D1, Block A, Hengfang Building, No.4008 Xinhua Road, Bao'an District, Shenzhen	
Product description		
Product name	NanoKVM GO	
Trademark	Sipeed	
Model name	NanoKVM GO+	
Series Model(s)	NanoKVM GO	
Standards	47 CFR Part 15E	
Test Method	KDB 789033 D02 General UNII Test Procedures New Rules v02r01 ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024+Errata to C63.10a-2024	
Testing Information		
Date of test	2026-07-10 to 2026-10-10	
Test result	Pass	
Prepared by:	Yanice Xie	
Reviewed by:	David Lee	
Approved by:	Lewis Lian	

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1 General Description

1.1 Description of the EUT

Product name:	NanoKVM GO
Model name:	NanoKVM GO+
Series Model(s):	NanoKVM GO
Model difference:	All the models are the same circuit and module, except the model name.
Electrical rating:	Input:DC 5V/3A, 9V/3A, 15V/3A,20V/3A
Accessories:	Cable: USB-C to USB-C 0.1m
Hardware version:	1.0
Software version:	1.0
Test sample(s) number:	MTi260610016-01-R001
RF specification	
Operating frequency range:	802.11a/n(HT20)/ac(HT20)/ax(HE20): U-NII Band 1: 5180MHz to 5240MHz; U-NII Band 3: 5745MHz to 5825MHz; 802.11n(HT40)/ac(HT40)/ax(HE40): U-NII Band 1: 5190MHz to 5230MHz; U-NII Band 3: 5755MHz to 5795MHz;
Channel number:	802.11a/n(HT20)/ac(HT20)/ax(HE20): U-NII Band 1: 4; U-NII Band 3: 5; 802.11n(HT40)/ac(HT40)/ax(HE40): U-NII Band 1: 2; U-NII Band 3: 2;
Modulation type:	802.11a: OFDM(BPSK, QPSK, 16QAM, 64QAM); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM); 802.11ax: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
Antenna(s) type:	FPC Antenna
Antenna(s) gain:	-0.63 dBi

1.2 Description of test modes

No.	Emission test modes
Mode1	802.11a mode
Mode2	802.11n20 mode
Mode3	802.11n40 mode
Mode4	802.11ac20 mode

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Mode5	802.11ac40 mode
Mode6	802.11ax20 mode
Mode7	802.11ax40 mode

1.2.1 Operation channel list

U-NII Band 1

Bandwidth:	20MHz	Bandwidth:	40MHz
Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190
40	5200	46	5230
44	5220	/	/
48	5240	/	/

U-NII Band 3

Bandwidth:	20MHz	Bandwidth:	40MHz
Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755
153	5765	159	5795
157	5785	/	/
161	5805	/	/
165	5825	/	/

Test Channel List

Operation Band: 5150-5250 MHz

Bandwidth (MHz)	Lowest Channel (LCH) (MHz)	Middle Channel (MCH) (MHz)	Highest Channel (HCH) (MHz)
20	5180	5200	5240
40	5190	/	5230

Operation Band: 5725-5850 MHz

Bandwidth (MHz)	Lowest Channel (LCH) (MHz)	Middle Channel (MCH) (MHz)	Highest Channel (HCH) (MHz)
20	5745	5785	5825
40	5755	/	5795

Note: The test software provided by manufacturer is used to control EUT for working in engineering mode, that enables selectable channel, and capable of continuous transmitting mode.

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Test Software: CMD

For power setting, refer to below table.

U-NII Band 1

Mode	LCH	MCH	HCH
802.11a	15	15	15
802.11n(HT20)	15	15	15
802.11n(HT40)	15	15	15
802.11ac(VHT20)	15	15	15
802.11ac(VHT40)	15	15	15
802.11ax(HE20)	15	15	15
802.11ax(HE40)	15	15	15

U-NII Band 3

Mode	LCH	MCH	HCH
802.11a	15	15	15
802.11n(HT20)	15	15	15
802.11n(HT40)	15	15	15
802.11ac(VHT20)	15	15	15
802.11ac(VHT40)	15	15	15
802.11ax(HE20)	15	15	15
802.11ax(HE40)	15	15	15

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1.3 Environmental Conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15°C ~ 35°C
Humidity:	20% RH ~ 75% RH
Atmospheric pressure:	98 kPa ~ 101 kPa

1.4 Description of support units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Support equipment list			
Description	Model	Serial No.	Manufacturer
Laptop	e485	0E20AC5E-BE55-4970-8F1E-152D2E4549B1	Lenovo
Laptop	TPN-C167	/	HP
MI CHARGE(18W)	MDY-08-EH	YJ2808215006999	MI
Support cable list			
Description	Length (m)	From	To
/	/	/	/

1.5 Measurement uncertainty

Measurement	Uncertainty
Time	±1 %
Occupied channel bandwidth	±3 %
RF output power, conducted	±1 dB
Power Spectral Density, conducted	±1 dB
Unwanted Emissions, conducted	±1 dB
Radiated spurious emissions (above 1GHz)	±5.3dB
Radiated spurious emissions (9kHz~30MHz)	±4.3dB
Radiated spurious emissions (30MHz~1GHz)	±4.7dB
Conducted emissions (AMN 150kHz~30MHz)	±3.1dB
Temperature	±1 °C
Humidity	± 5 %

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

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2 Summary of Test Result

No.	Item	Standard	Requirement	Result
1	Antenna requirement	47 CFR Part 15E	Part 15.203	Pass
2	Duty Cycle	47 CFR Part 15E	/	Pass
3	Emission bandwidth and occupied bandwidth	47 CFR Part 15E	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use. 47 CFR Part 15.407(e)	Pass
4	Maximum conducted output power	47 CFR Part 15E	47 CFR Part 15.407(a)(1)(ii) 47 CFR Part 15.407(a)(1)(iii) 47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(3)(i)	Pass
5	Power spectral density	47 CFR Part 15E	47 CFR Part 15.407(a)(1)(ii) 47 CFR Part 15.407(a)(1)(iii) 47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(3)(i)	Pass
6	Frequency stability	47 CFR Part 15E	47 CFR Part 15.407(g)	Pass
7	Band edge emissions (Radiated)	47 CFR Part 15E	47 CFR Part 15.407(b)(1) 47 CFR Part 15.407(b)(4) 47 CFR Part 15.407(b)(10)	Pass
8	Undesirable emission limits (below 1GHz)	47 CFR Part 15E	47 CFR Part 15.407(b)(9)	Pass
9	Undesirable emission limits (above 1GHz)	47 CFR Part 15E	47 CFR Part 15.407(b)(1) 47 CFR Part 15.407(b)(4) 47 CFR Part 15.407(b)(10)	Pass
10	Conducted Emission at AC power line	47 CFR Part 15.247	47 CFR 15.207(a)	Pass

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3 Test Facilities and accreditations

3.1 Test laboratory

Test laboratory:	Shenzhen Microtest Co., Ltd.
Test site location:	101, No.7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Telephone:	(86-755)88850135
Fax:	(86-755)88850136
CNAS Registration No.:	CNAS L5868
FCC Registration No.:	448573
IC Registration No.:	21760
CABID:	CN0093

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4 List of test equipment

No.	Equipment	Manufacturer	Model	Serial No.	Cal. date	Cal. Due
Power spectral density Frequency stability Band edge emissions (Conducted) Duty Cycle Emission bandwidth and occupied bandwidth Maximum conducted output power						
1	Wideband Radio Communication Tester	Rohde&schwarz	CMW500	149155	2026-03-09	2027-03-08
2	ESG Series Analog Ssignal Generator	Agilent	E4421B	GB40051240	2026-03-09	2027-03-08
3	PXA Signal Analyzer	Agilent	N9030A	MY51350296	2026-03-10	2027-03-09
4	Synthesized Sweeper	Agilent	83752A	3610A01957	2026-03-10	2027-03-09
5	MXA Signal Analyzer	Agilent	N9020A	MY50143483	2026-03-09	2027-03-08
6	RF Control Unit	Tonscend	JS0806-1	19D8060152	2026-03-11	2027-03-10
7	Band Reject Filter Group	Tonscend	JS0806-F	19D8060160	2026-03-11	2027-03-10
8	ESG Vector Signal Generator	Agilent	N5182A	MY50143762	2026-03-10	2027-03-09
9	DC Power Supply	Agilent	E3632A	MY40027695	2026-03-09	2027-03-08
10	RF Test System	Tonscend	JS1120-3 Test System	V3.6.21	/	/
Band edge emissions (Radiated) Undesirable emission limits (above 1GHz)						
1	EMI Test Receiver	Rohde&schwarz	ESC17	101166	2026-03-10	2027-03-09
2	Double Ridged Broadband Horn Antenna	schwarzbeck	BBHA 9120 D	2278	2025-05-27	2027-05-26
3	Amplifier	Agilent	8449B	3008A01120	2026-03-10	2027-03-09
4	MXA signal analyzer	Agilent	N9020A	MY54440859	2026-03-10	2027-03-09
5	PXA Signal Analyzer	Agilent	N9030A	MY51350296	2026-03-10	2027-03-09
6	Horn antenna	Schwarzbeck	BBHA 9170	00987	2025-05-27	2027-05-26
7	Pre-amplifier	Space-Dtronics	EWLAN18 40G	210405001	2026-03-11	2027-03-10
8	EMI Test Software	Farad	EZ-EMC	Ver. EMEC-3A1	/	/
Undesirable emission limits (below 1GHz)						
1	EMI Test Receiver	Rohde&schwarz	ESC17	101166	2026-03-10	2027-03-09
2	TRILOG Broadband Antenna	schwarzbeck	VULB 9163	9163-1338	2025-05-23	2027-05-22

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No.	Equipment	Manufacturer	Model	Serial No.	Cal. date	Cal. Due
3	Active Loop Antenna	Schwarzbeck	FMZB 1519 B	00066	2026-03-08	2028-03-07
4	Amplifier	Hewlett-Packard	8447F	3113A06184	2026-03-10	2027-03-09
5	EMI Test Software	Farad	EZ-EMC	Ver. EMEC-3A1	/	/
Conducted Emission at AC power line						
1	EMI Test Receiver	Rohde&schwarz	ESC13	101368	2026-03-10	2027-03-09
2	Artificial mains network	Schwarzbeck	NSLK 8127	183	2026-03-11	2027-03-10
3	Artificial Mains Network	Rohde & Schwarz	ESH2-Z5	100263	2026-03-10	2027-03-09
4	EMI Test Software	Farad	EZ-EMC	Ver. EMEC-3A1	/	/

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5 Evaluation Results (Evaluation)

5.1 Antenna requirement

Test Requirement:	Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.
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5.1.1 Conclusion:

The antenna of the EUT is permanently attached.
The EUT complies with the requirement of FCC PART 15.203.

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6 Radio Spectrum Matter Test Results (RF)

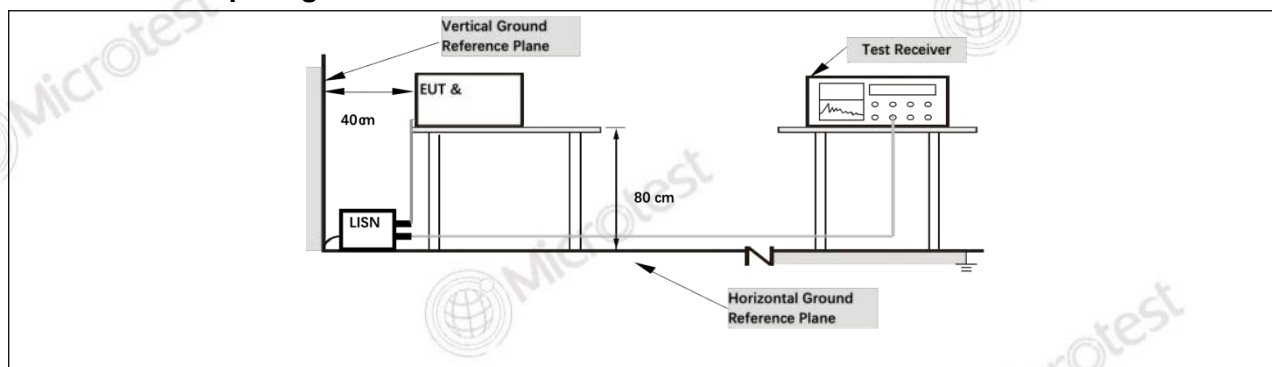
6.1 Conducted Emission at AC power line

Test Requirement:	Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN).		
Test Limit:	Frequency of emission (MHz)	Conducted limit (dB μ V)	
		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 Method:	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.2		
Procedure:	Refer to ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.2, standard test method for ac power-line conducted emissions from unlicensed wireless devices		

6.1.1 E.U.T. Operation:

Operating Environment:					
Temperature:	26 °C	Humidity:	63 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7				
Final test mode:	All of the listed pre-test mode were tested, only the data of the worst mode (Mode1) is recorded in the report				

6.1.2 Test Setup Diagram:

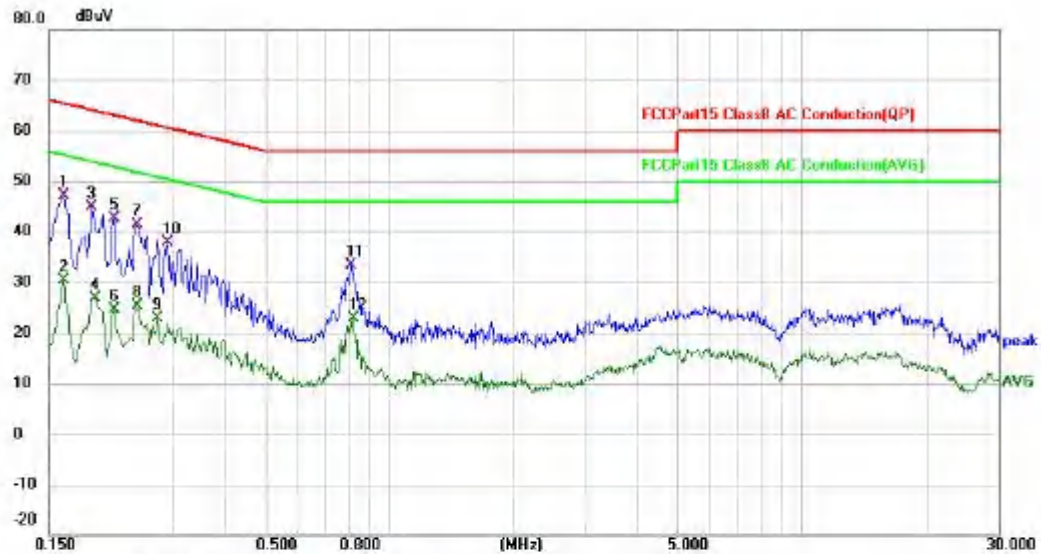


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6.1.3 Test Data:

Mode1 / Line: Line /CH:L

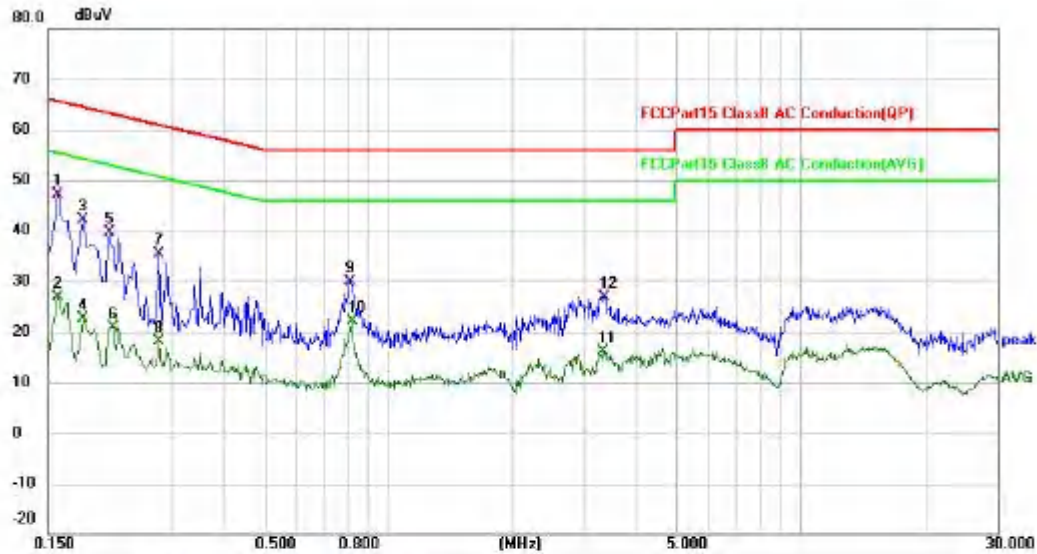


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1620	36.72	10.30	47.02	65.36	-18.34	QP	
2		0.1620	20.16	10.30	30.46	55.36	-24.90	AVG	
3		0.1900	34.58	10.29	44.87	64.04	-19.17	QP	
4		0.1940	16.71	10.29	27.00	53.86	-26.86	AVG	
5		0.2140	32.25	10.29	42.54	63.05	-20.51	QP	
6		0.2140	14.31	10.29	24.60	53.05	-28.45	AVG	
7		0.2420	31.00	10.29	41.29	62.03	-20.74	QP	
8		0.2420	15.00	10.29	25.29	52.03	-26.74	AVG	
9		0.2740	12.62	10.29	22.91	51.00	-28.09	AVG	
10		0.2900	27.70	10.28	37.98	60.52	-22.54	QP	
11		0.8100	23.03	10.30	33.33	56.00	-22.67	QP	
12		0.8139	12.67	10.30	22.97	46.00	-23.03	AVG	

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Mode1 / Line: Neutral /CH:L



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1580	36.81	10.32	47.13	65.57	-18.44	QP	
2		0.1580	16.51	10.32	26.83	55.57	-28.74	AVG	
3		0.1819	31.92	10.31	42.23	64.40	-22.17	QP	
4		0.1819	12.38	10.31	22.69	54.40	-31.71	AVG	
5		0.2100	29.37	10.30	39.67	63.21	-23.54	QP	
6		0.2140	10.68	10.30	20.98	53.05	-32.07	AVG	
7		0.2779	25.09	10.29	35.38	60.88	-25.50	QP	
8		0.2779	7.85	10.29	18.14	50.88	-32.74	AVG	
9		0.8100	19.48	10.31	29.79	56.00	-26.21	QP	
10		0.8139	11.76	10.31	22.07	46.00	-23.93	AVG	
11		3.3140	5.57	10.50	16.07	46.00	-29.93	AVG	
12		3.3500	16.38	10.50	26.88	56.00	-29.12	QP	

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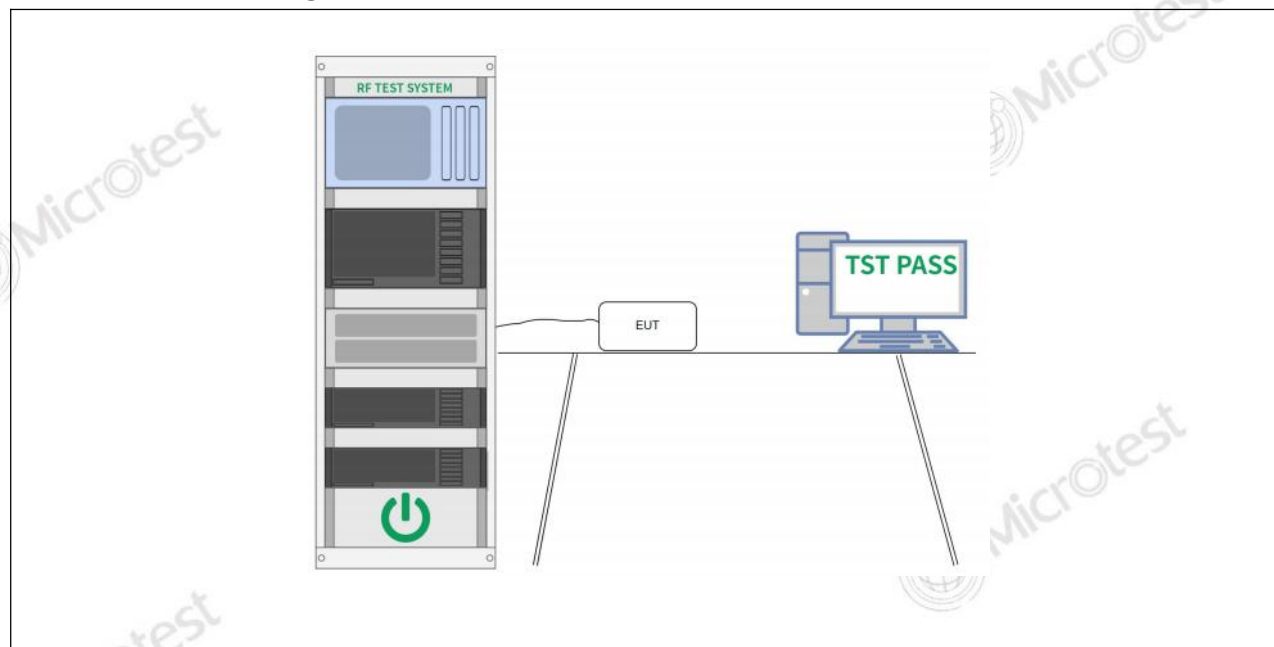
6.2 Duty Cycle

Test Requirement:	All measurements are to be performed with the EUT transmitting at 100% duty cycle at its maximum power control level; however, if 100% duty cycle cannot be achieved, measurements of duty cycle, x, and maximum-power transmission duration, T, are required for each tested mode of operation.
Test Limit:	No limits, only for report use.
Test Method:	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024+Errata to C63.10a-2024 section 12.2 (b)
Procedure:	i) Set the center frequency of the instrument to the center frequency of the transmission. ii) Set RBW $\geq$ EBW if possible; otherwise, set RBW to the largest available value. iii) Set VBW $\geq$ RBW. iv) Set detector = peak. v) The zero-span measurement method shall not be used unless both RBW and VBW are $> 50/T$, where T is defined in item a1) of 12.2, and the number of sweep points across duration T exceeds 100.

6.2.1 E.U.T. Operation:

Operating Environment:					
Temperature:	26.3 °C	Humidity:	45.2 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7				
Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7				

6.2.2 Test Setup Diagram:



6.2.3 Test Data:

Please Refer to Appendix for Details.

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6.3 Emission bandwidth and occupied bandwidth

Test Requirement:	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use. U-NII 3, U-NII 4: 47 CFR Part 15.407(e)
Test Limit:	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use. U-NII 3, U-NII 4: Within the 5.725-5.850 GHz and 5.850-5.895 GHz bands, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.
Test Method:	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024+Errata to C63.10a-2024, section 6.9 & 12.5 KDB 789033 D02, Clause C.2
Procedure:	Emission bandwidth: - Set RBW = shall be in the range of 1% to 5% of the emission bandwidth. - Set the VBW > RBW. - Detector = peak. - Trace mode = max hold. - Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is the range of 1% to 5% Occupied bandwidth: - The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW. - The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement. - Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (OBW/RBW)]$ below the reference level. Specific guidance is given in 4.1.5.2. - Step a) through step c) might require iteration to adjust within the specified range. - Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used. - Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth. - If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude

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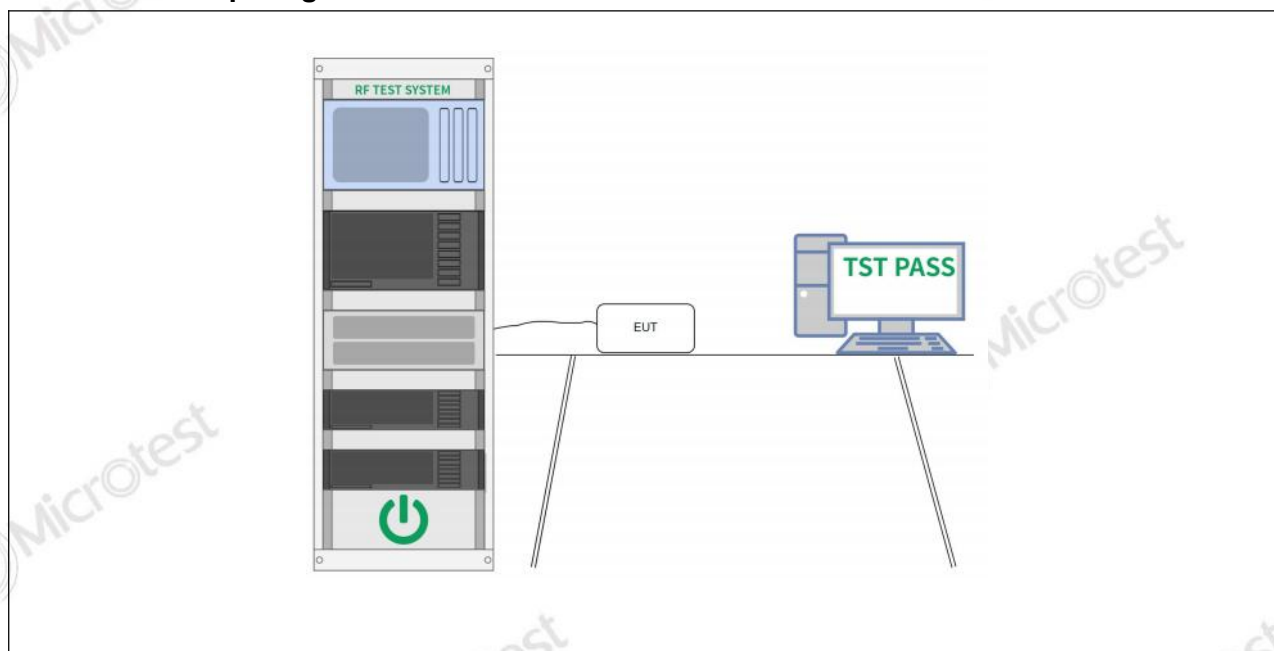
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	data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies. h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s). 6 dB emission bandwidth: a) Set RBW = 100 kHz. b) Set the video bandwidth (VBW) $\geq 3 \times$ RBW. c) Detector = Peak. d) Trace mode = max hold. e) Sweep = auto couple. f) Allow the trace to stabilize. g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.
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6.3.1 E.U.T. Operation:

Operating Environment:					
Temperature:	26.3 °C	Humidity:	45.2 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7				
Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7				

6.3.2 Test Setup Diagram:



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6.3.3 Test Data:

Please Refer to Appendix for Details.

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6.4 Maximum conducted output power

Test Requirement:	47 CFR Part 15.407(a)(1)(ii) 47 CFR Part 15.407(a)(1)(iii) 47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(3)(i)
Test Limit:	For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple colocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations. For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple colocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
Test Method:	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024+Errata to C63.10a-2024, section 12.4
Procedure:	Refer to ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024+Errata to C63.10a-

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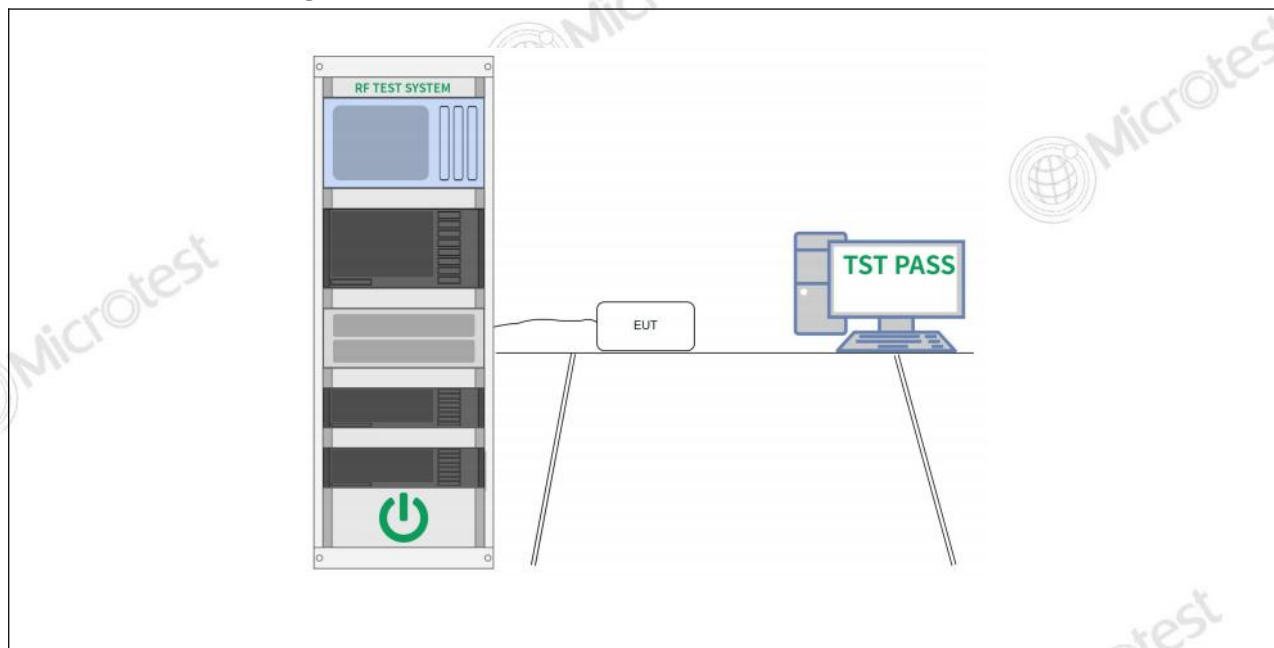
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	2024 section 12.4
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6.4.1 E.U.T. Operation:

Operating Environment:					
Temperature:	26.3 °C	Humidity:	45.2 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7				
Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7				

6.4.2 Test Setup Diagram:



6.4.3 Test Data:

Please Refer to Appendix for Details.

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6.5 Power spectral density

Test Requirement:	47 CFR Part 15.407(a)(1)(ii) 47 CFR Part 15.407(a)(1)(iii) 47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(3)(i)
Test Limit:	For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations. For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For the band 5.725-5.850 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
Test Method:	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024+Errata to C63.10a-2024, section 12.6
Procedure:	Refer to ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024+Errata to C63.10a-2024, section 12.6

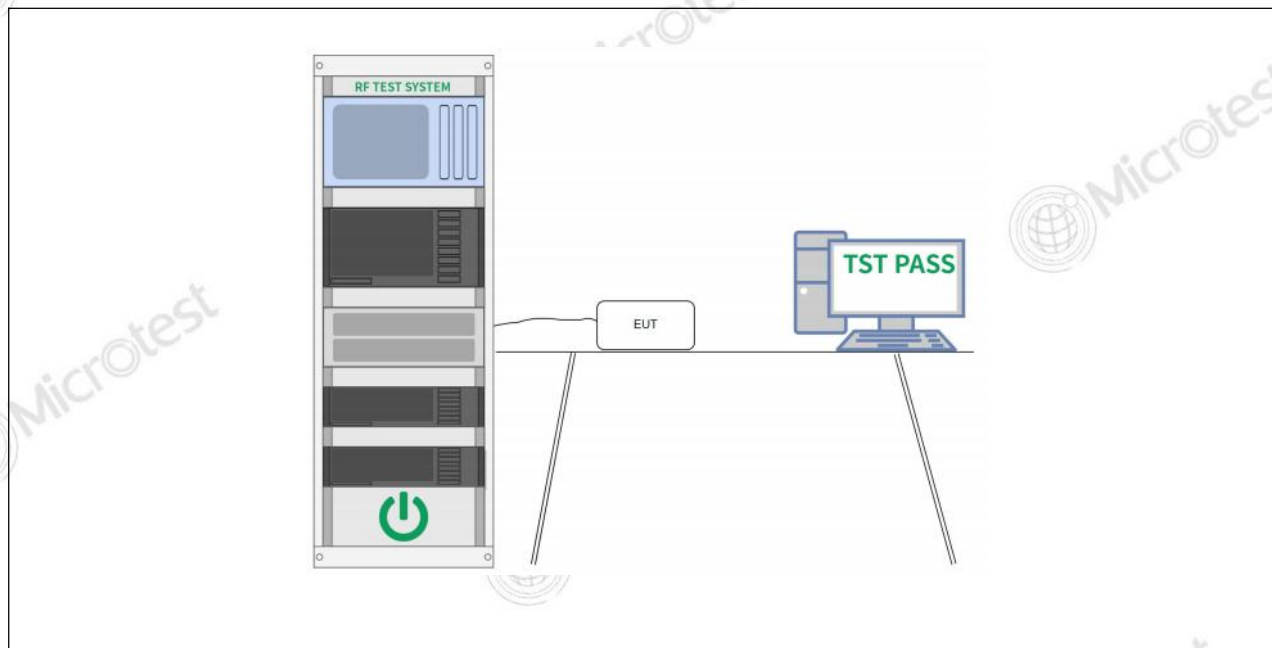
TEST REPORT

Report No.: MTi260610016-0103E2

6.5.1 E.U.T. Operation:

Operating Environment:					
Temperature:	26.3 °C	Humidity:	45.2 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7				
Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7				

6.5.2 Test Setup Diagram:



6.5.3 Test Data:

Please Refer to Appendix for Details.

TEST REPORT

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6.6 Band edge emissions (Radiated)

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																																																																								
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4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2																																																																								
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6.215-6.218	74.8-75.2	1660-1710	10.6-12.7																																																																								
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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																																																																								
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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: <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+Cor. 1-2023+C63.10a-2024+Errata to C63.10a-2024, 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: 1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor																								

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

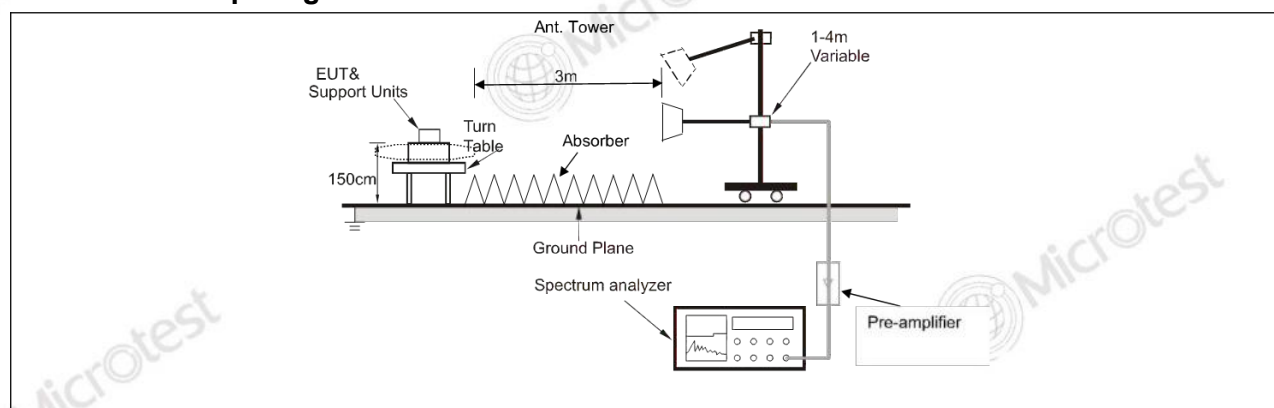
Operating Environment:

Temperature:	23 °C	Humidity:	45 %	Atmospheric Pressure:	101 kPa
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Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7
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Final test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7
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6.6.2 Test Setup Diagram:

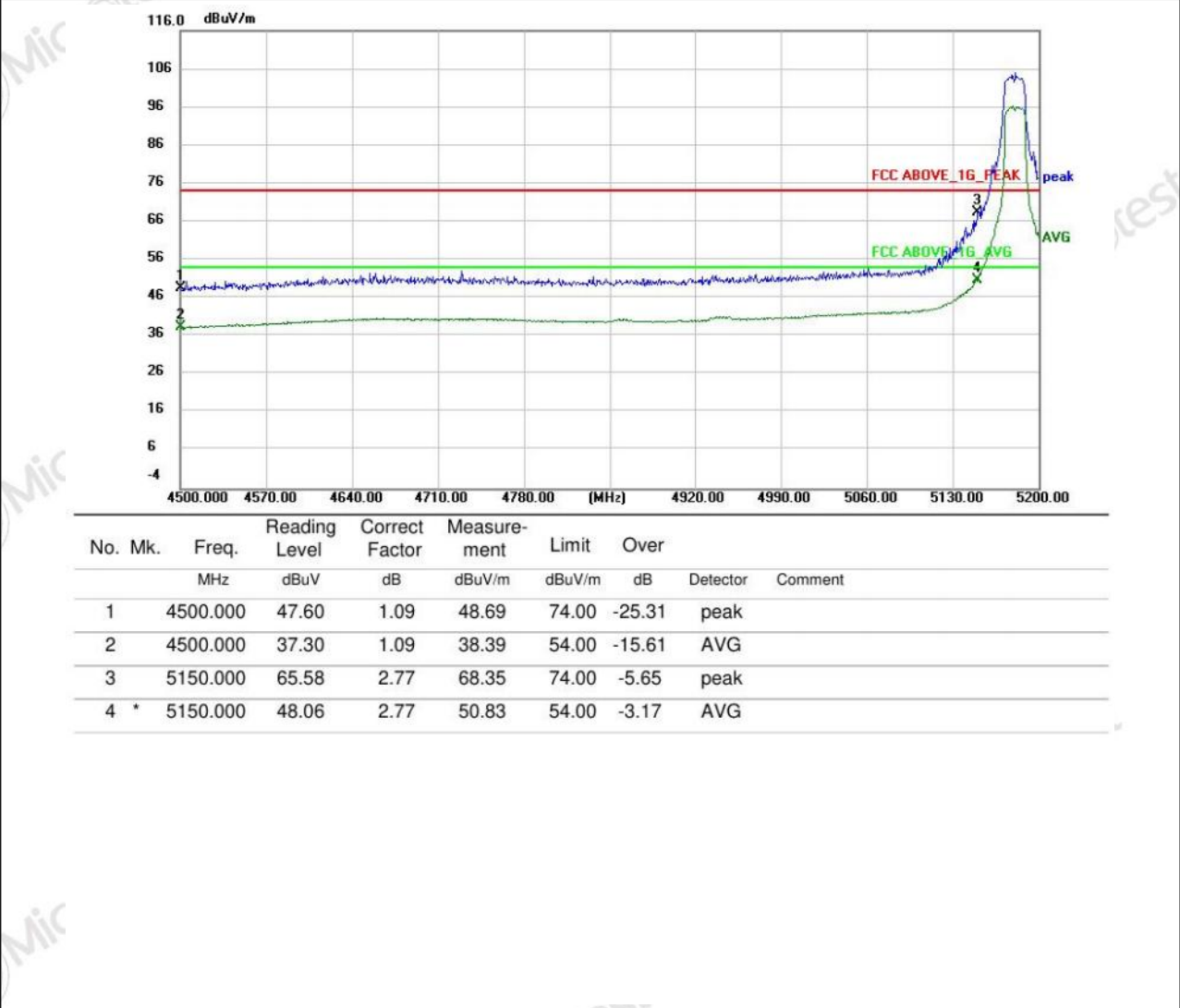


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6.6.3 Test Data:
U-NII-1

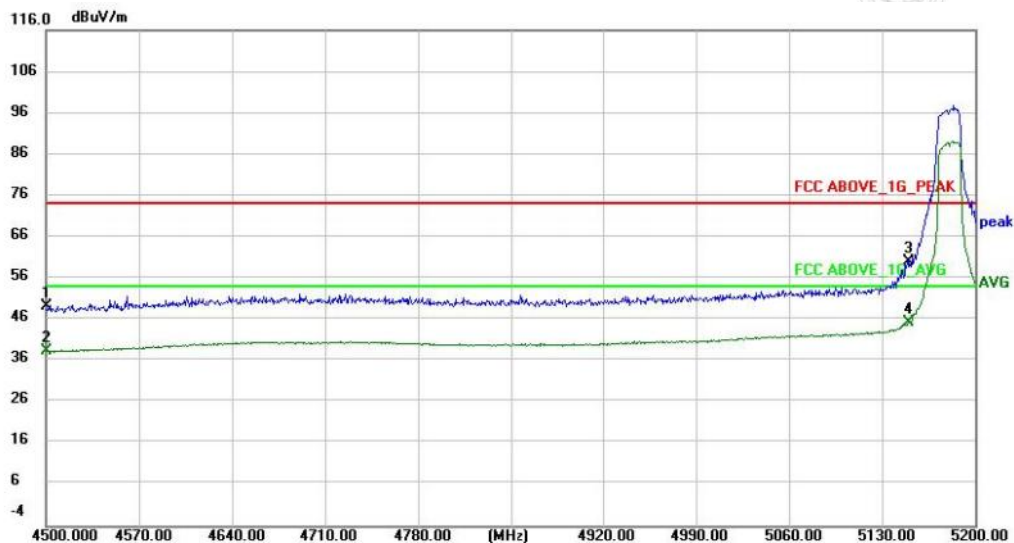
Mode1 / Polarization: Horizontal / CH: L



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Report No.: MTi260610016-0103E2

Mode1 / Polarization: Vertical / CH: L

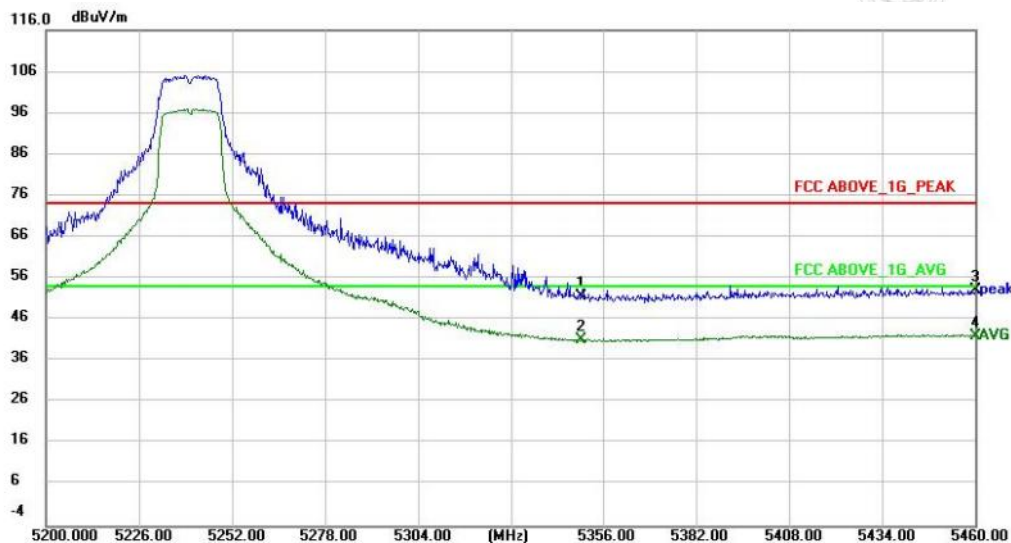


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	48.06	1.09	49.15	74.00	-24.85	peak	
2		4500.000	37.31	1.09	38.40	54.00	-15.60	AVG	
3		5150.000	57.15	2.77	59.92	74.00	-14.08	peak	
4	*	5150.000	42.67	2.77	45.44	54.00	-8.56	AVG	

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Mode1 / Polarization: Horizontal / CH: H

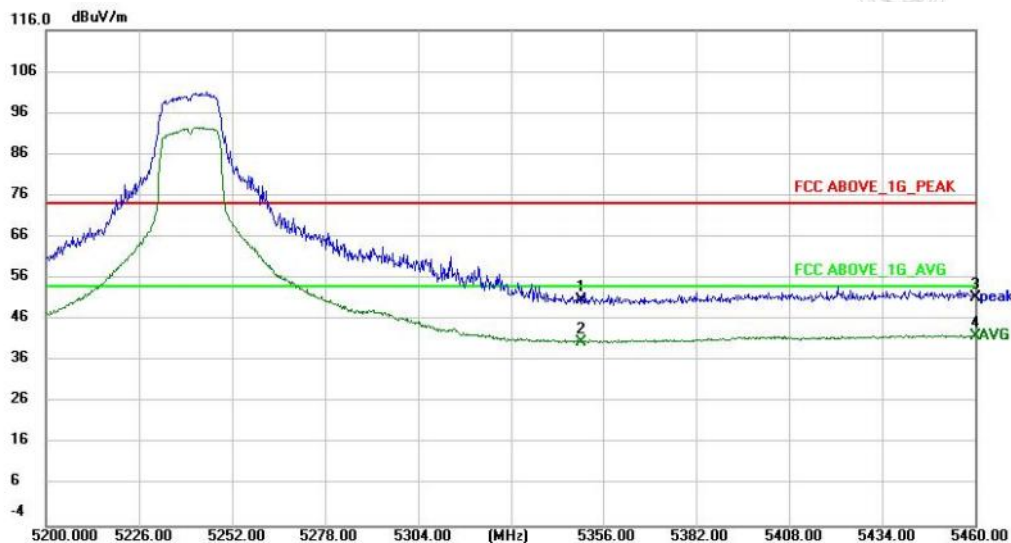


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		5350.000	49.05	2.64	51.69	74.00	-22.31	peak	
2		5350.000	38.46	2.64	41.10	54.00	-12.90	AVG	
3		5460.000	50.28	2.98	53.26	74.00	-20.74	peak	
4	*	5460.000	39.05	2.98	42.03	54.00	-11.97	AVG	

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Mode1 / Polarization: Vertical / CH: H

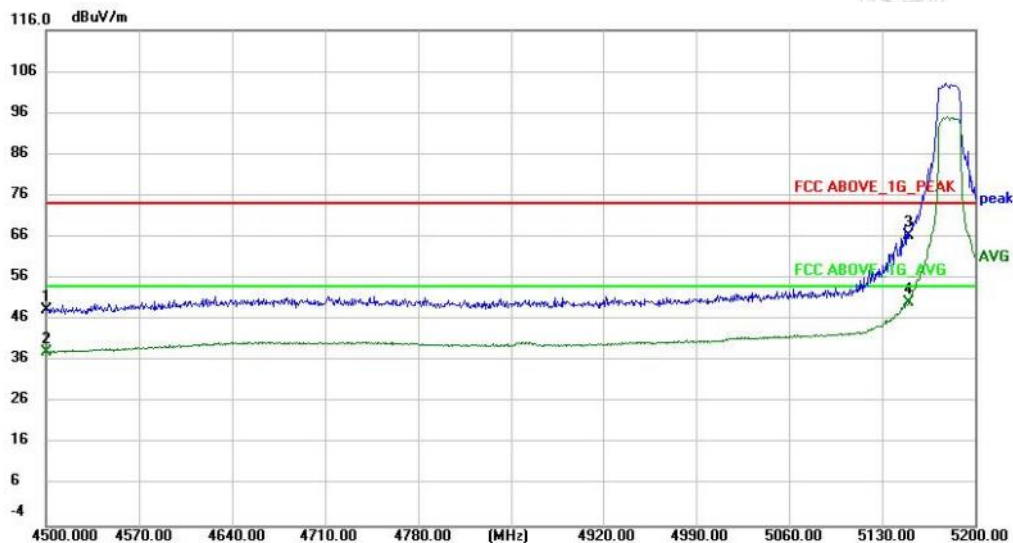


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		5350.000	47.97	2.64	50.61	74.00	-23.39	peak	
2		5350.000	38.00	2.64	40.64	54.00	-13.36	AVG	
3		5460.000	48.47	2.98	51.45	74.00	-22.55	peak	
4	*	5460.000	39.05	2.98	42.03	54.00	-11.97	AVG	

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Mode2 / Polarization: Horizontal / CH: L

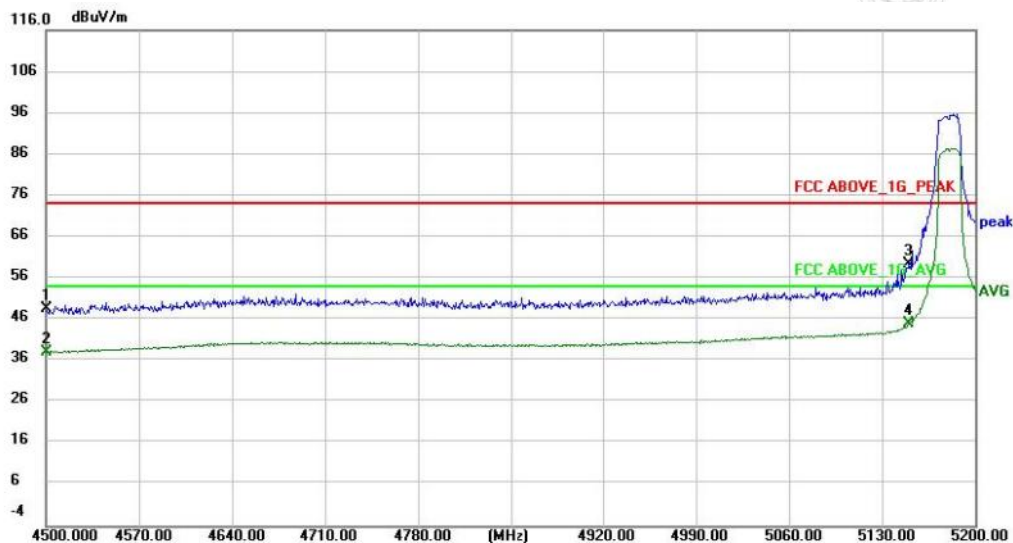


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	47.17	1.09	48.26	74.00	-25.74	peak	
2		4500.000	37.07	1.09	38.16	54.00	-15.84	AVG	
3		5150.000	63.45	2.77	66.22	74.00	-7.78	peak	
4	*	5150.000	47.32	2.77	50.09	54.00	-3.91	AVG	

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Report No.: MTi260610016-0103E2

Mode2 / Polarization: Vertical / CH: L

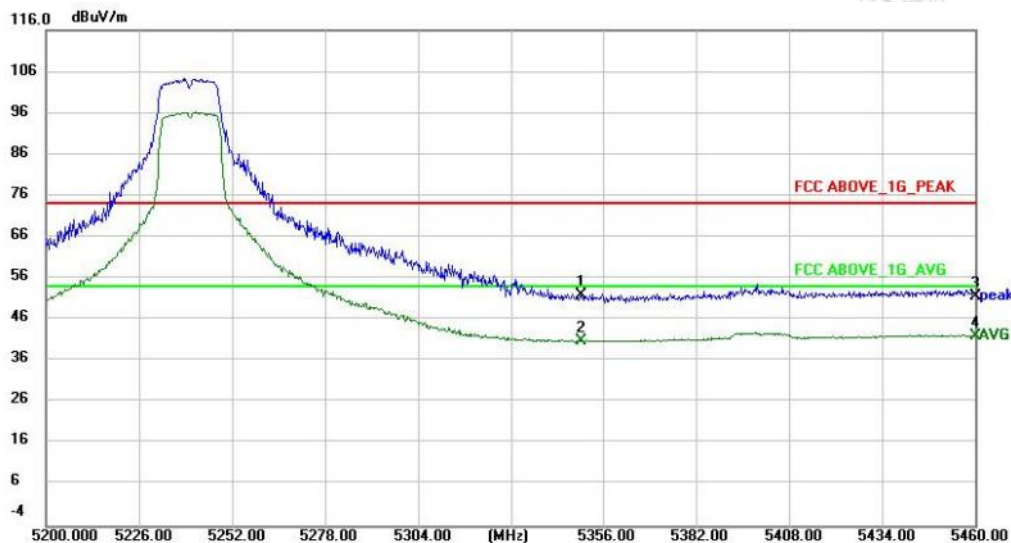


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	47.60	1.09	48.69	74.00	-25.31	peak	
2		4500.000	37.02	1.09	38.11	54.00	-15.89	AVG	
3		5150.000	56.67	2.77	59.44	74.00	-14.56	peak	
4	*	5150.000	42.14	2.77	44.91	54.00	-9.09	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode2 / Polarization: Horizontal / CH: H

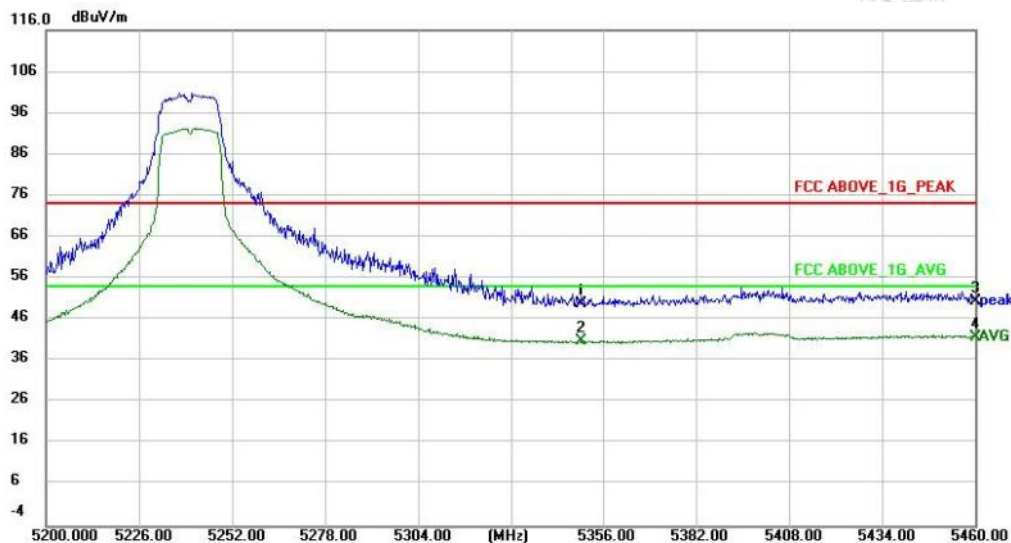


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5350.000	49.19	2.64	51.83	74.00	-22.17	peak	
2		5350.000	38.30	2.64	40.94	54.00	-13.06	AVG	
3		5460.000	48.80	2.98	51.78	74.00	-22.22	peak	
4	*	5460.000	39.21	2.98	42.19	54.00	-11.81	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode2 / Polarization: Vertical / CH: H

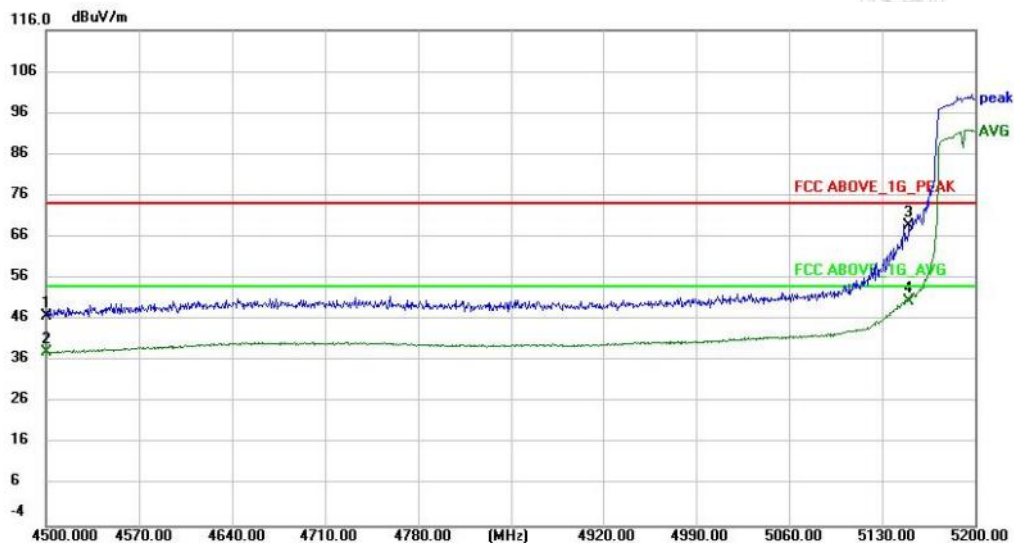


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		5350.000	47.21	2.64	49.85	74.00	-24.15	peak	
2		5350.000	38.17	2.64	40.81	54.00	-13.19	AVG	
3		5460.000	47.41	2.98	50.39	74.00	-23.61	peak	
4	*	5460.000	38.83	2.98	41.81	54.00	-12.19	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode3 / Polarization: Horizontal / CH: L

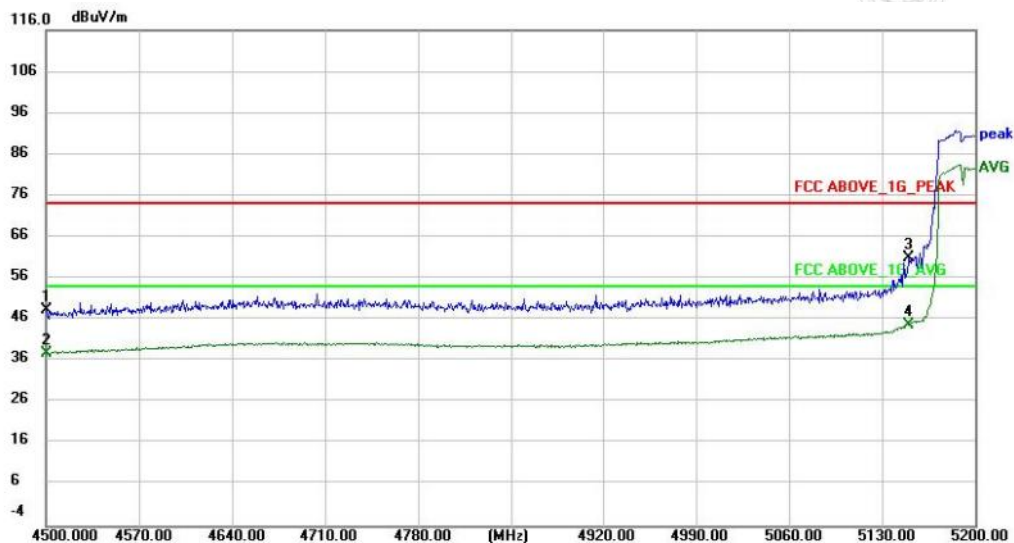


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	45.78	1.09	46.87	74.00	-27.13	peak	
2		4500.000	37.16	1.09	38.25	54.00	-15.75	AVG	
3		5150.000	66.06	2.77	68.83	74.00	-5.17	peak	
4	*	5150.000	47.81	2.77	50.58	54.00	-3.42	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode3 / Polarization: Vertical / CH: L

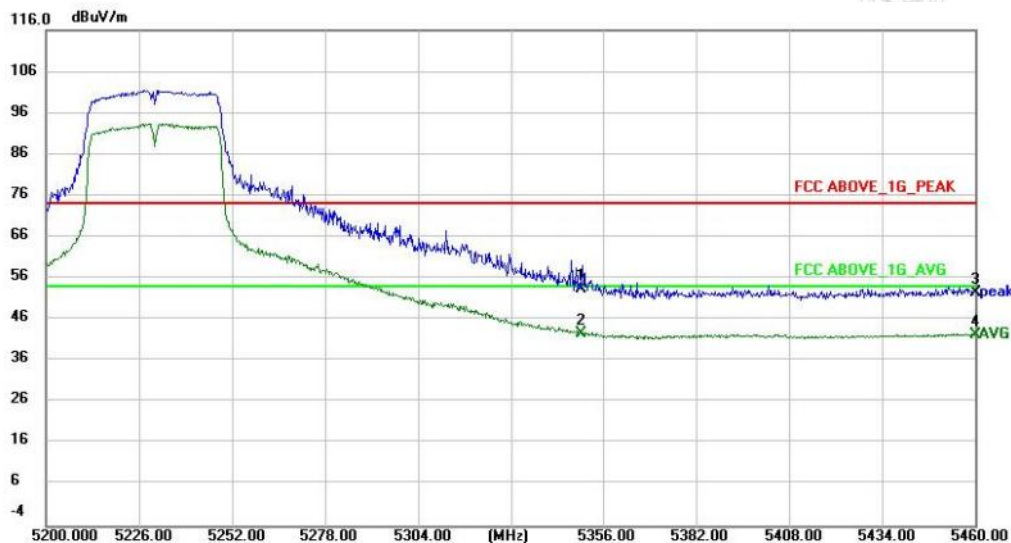


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	47.34	1.09	48.43	74.00	-25.57	peak	
2		4500.000	36.89	1.09	37.98	54.00	-16.02	AVG	
3		5150.000	58.21	2.77	60.98	74.00	-13.02	peak	
4	*	5150.000	42.05	2.77	44.82	54.00	-9.18	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode3 / Polarization: Horizontal / CH: H

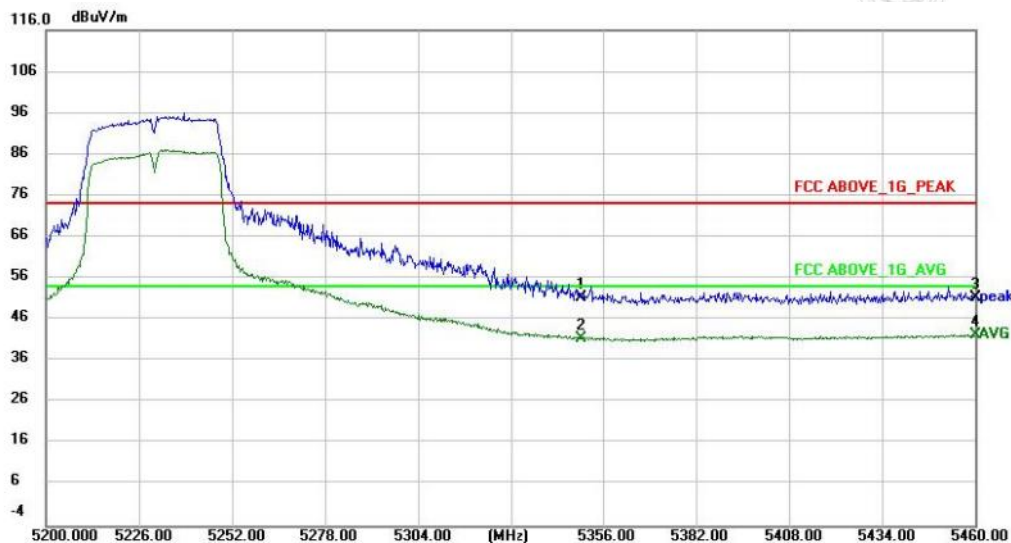


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	
		MHz	Level	Factor	ment			
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5350.000	50.84	2.64	53.48	74.00	-20.52	peak
2	*	5350.000	39.91	2.64	42.55	54.00	-11.45	AVG
3		5460.000	49.66	2.98	52.64	74.00	-21.36	peak
4		5460.000	39.50	2.98	42.48	54.00	-11.52	AVG

TEST REPORT

Report No.: MTi260610016-0103E2

Mode3 / Polarization: Vertical / CH: H

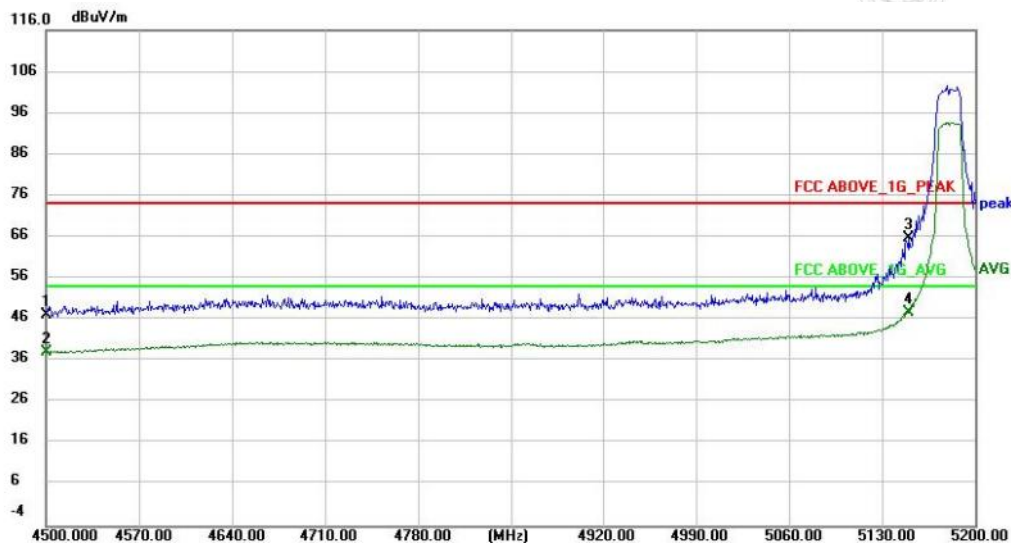


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		5350.000	48.81	2.64	51.45	74.00	-22.55	peak	
2		5350.000	38.94	2.64	41.58	54.00	-12.42	AVG	
3		5460.000	48.22	2.98	51.20	74.00	-22.80	peak	
4	*	5460.000	39.35	2.98	42.33	54.00	-11.67	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode4 / Polarization: Horizontal / CH: L

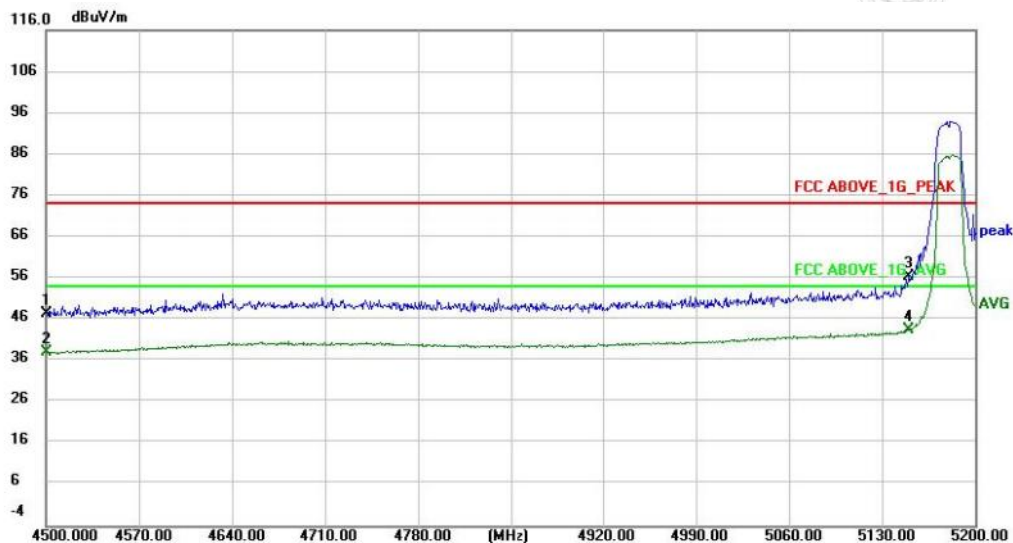


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	46.05	1.09	47.14	74.00	-26.86	peak	
2		4500.000	37.01	1.09	38.10	54.00	-15.90	AVG	
3		5150.000	62.95	2.77	65.72	74.00	-8.28	peak	
4	*	5150.000	45.03	2.77	47.80	54.00	-6.20	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode4 / Polarization: Vertical / CH: L

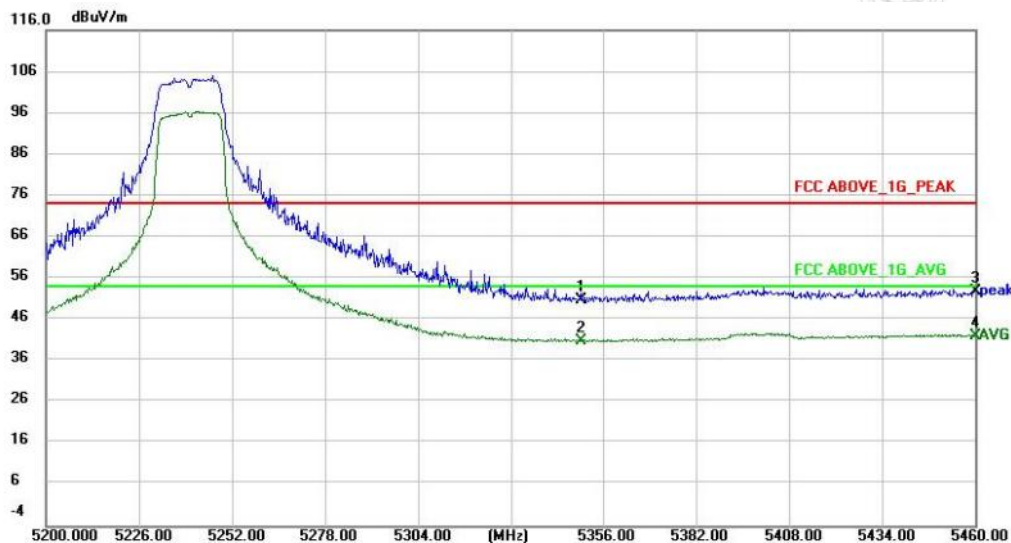


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	46.48	1.09	47.57	74.00	-26.43	peak	
2		4500.000	37.04	1.09	38.13	54.00	-15.87	AVG	
3		5150.000	53.54	2.77	56.31	74.00	-17.69	peak	
4	*	5150.000	40.72	2.77	43.49	54.00	-10.51	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode4 / Polarization: Horizontal / CH: H

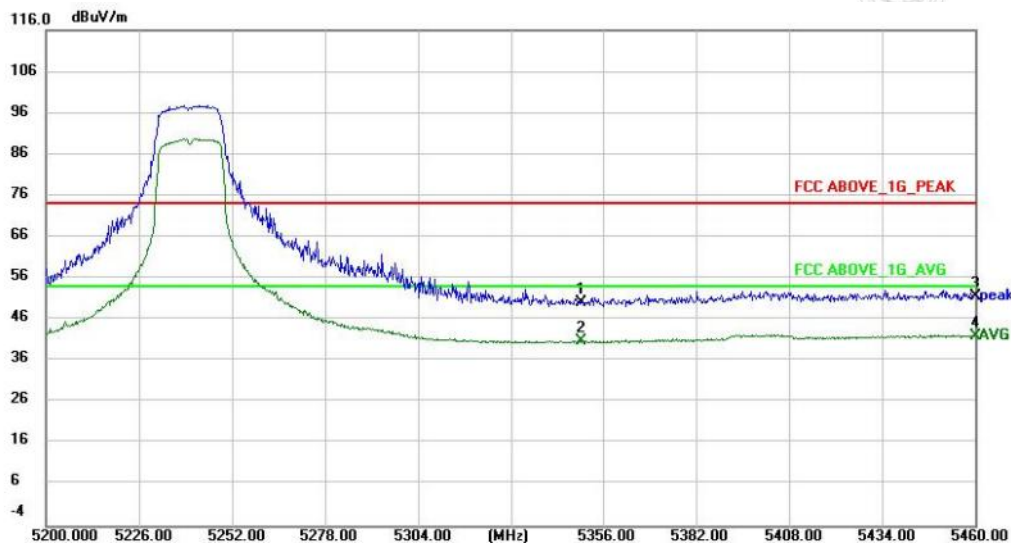


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		5350.000	48.12	2.64	50.76	74.00	-23.24	peak	
2		5350.000	38.30	2.64	40.94	54.00	-13.06	AVG	
3		5460.000	49.81	2.98	52.79	74.00	-21.21	peak	
4	*	5460.000	39.05	2.98	42.03	54.00	-11.97	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode4 / Polarization: Vertical / CH: H

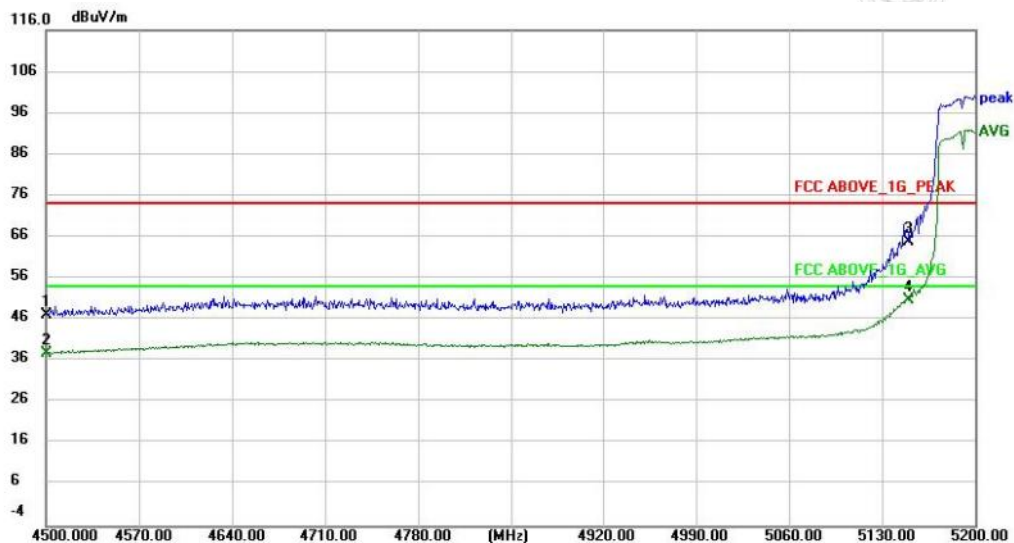


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		5350.000	47.48	2.64	50.12	74.00	-23.88	peak	
2		5350.000	38.10	2.64	40.74	54.00	-13.26	AVG	
3		5460.000	48.79	2.98	51.77	74.00	-22.23	peak	
4	*	5460.000	39.03	2.98	42.01	54.00	-11.99	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode5 / Polarization: Horizontal / CH: L

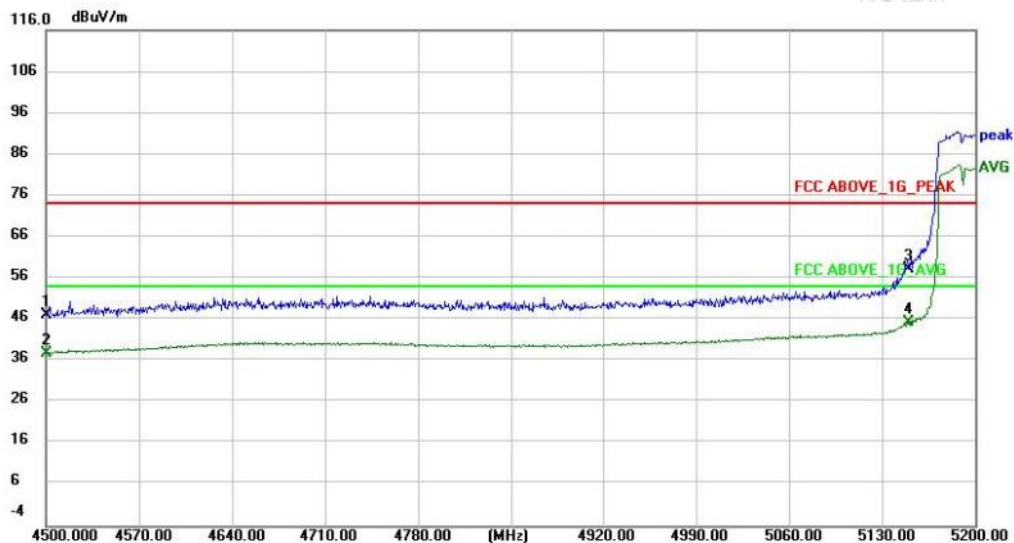


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	46.00	1.09	47.09	74.00	-26.91	peak	
2		4500.000	36.89	1.09	37.98	54.00	-16.02	AVG	
3		5150.000	62.15	2.77	64.92	74.00	-9.08	peak	
4	*	5150.000	48.09	2.77	50.86	54.00	-3.14	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode5 / Polarization: Vertical / CH: L

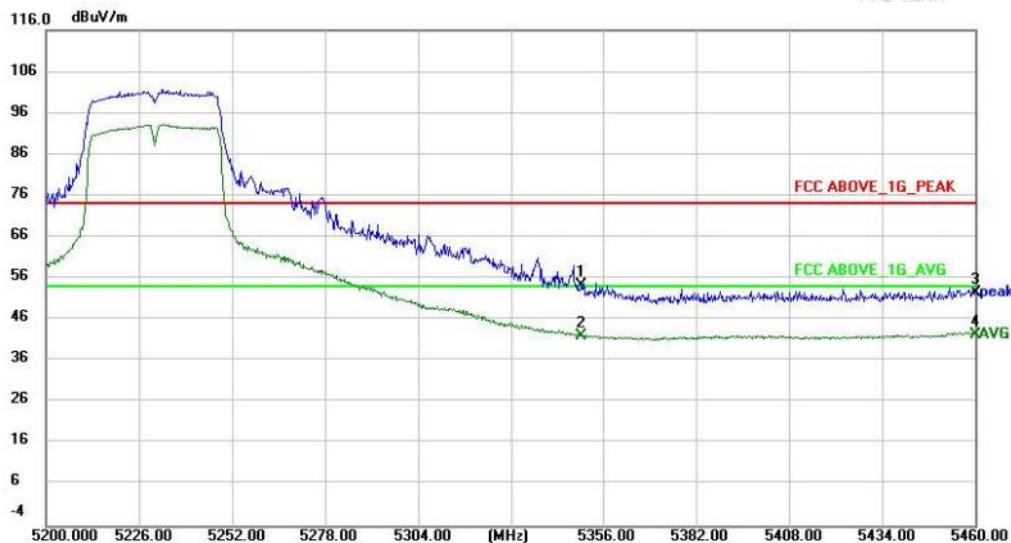


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	46.08	1.09	47.17	74.00	-26.83	peak	
2		4500.000	36.91	1.09	38.00	54.00	-16.00	AVG	
3		5150.000	55.43	2.77	58.20	74.00	-15.80	peak	
4	*	5150.000	42.55	2.77	45.32	54.00	-8.68	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode5 / Polarization: Horizontal / CH: H

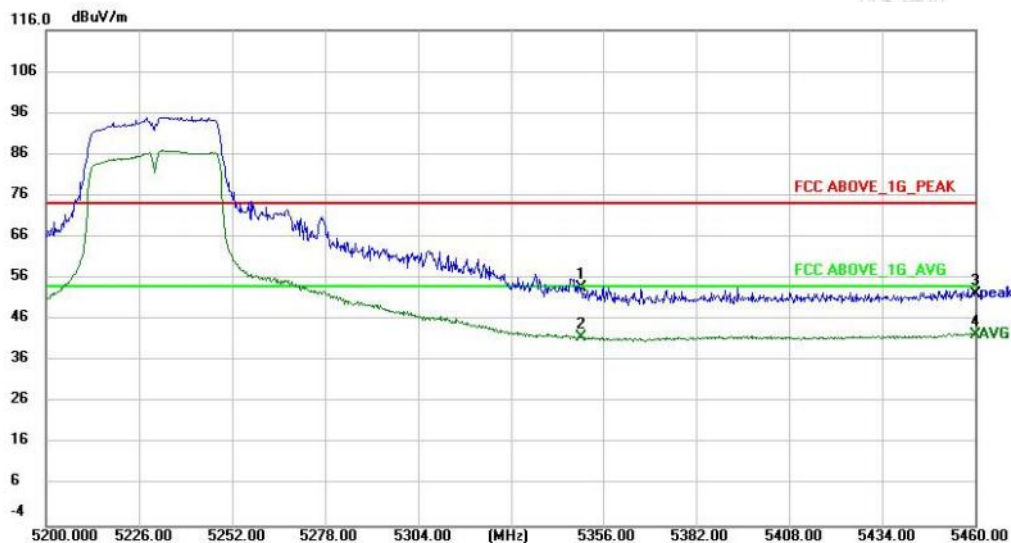


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5350.000	51.66	2.64	54.30	74.00	-19.70	peak	
2		5350.000	39.46	2.64	42.10	54.00	-11.90	AVG	
3		5460.000	49.58	2.98	52.56	74.00	-21.44	peak	
4	*	5460.000	39.41	2.98	42.39	54.00	-11.61	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode5 / Polarization: Vertical / CH: H

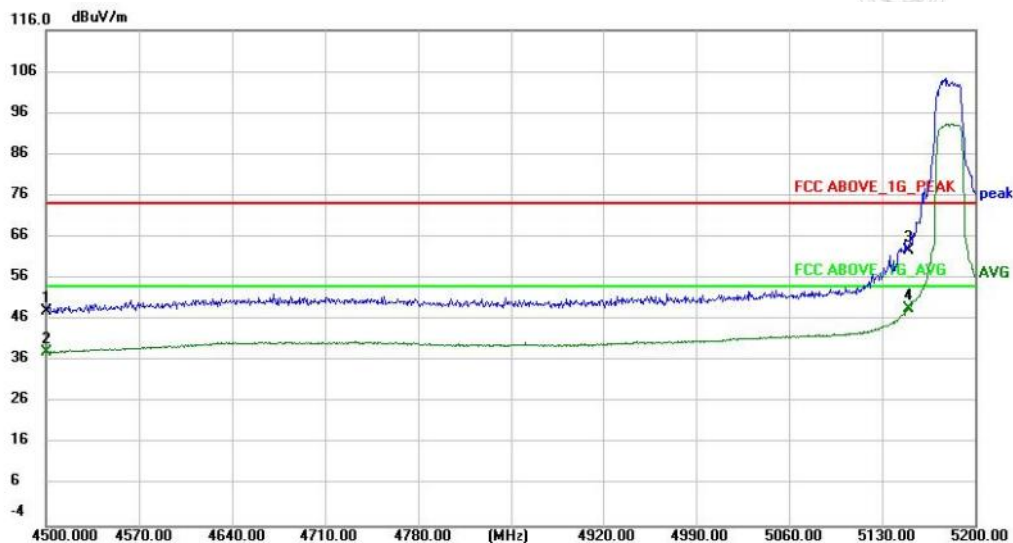


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5350.000	51.25	2.64	53.89	74.00	-20.11	peak	
2		5350.000	39.25	2.64	41.89	54.00	-12.11	AVG	
3		5460.000	49.38	2.98	52.36	74.00	-21.64	peak	
4	*	5460.000	39.50	2.98	42.48	54.00	-11.52	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode6 / Polarization: Horizontal / CH: L

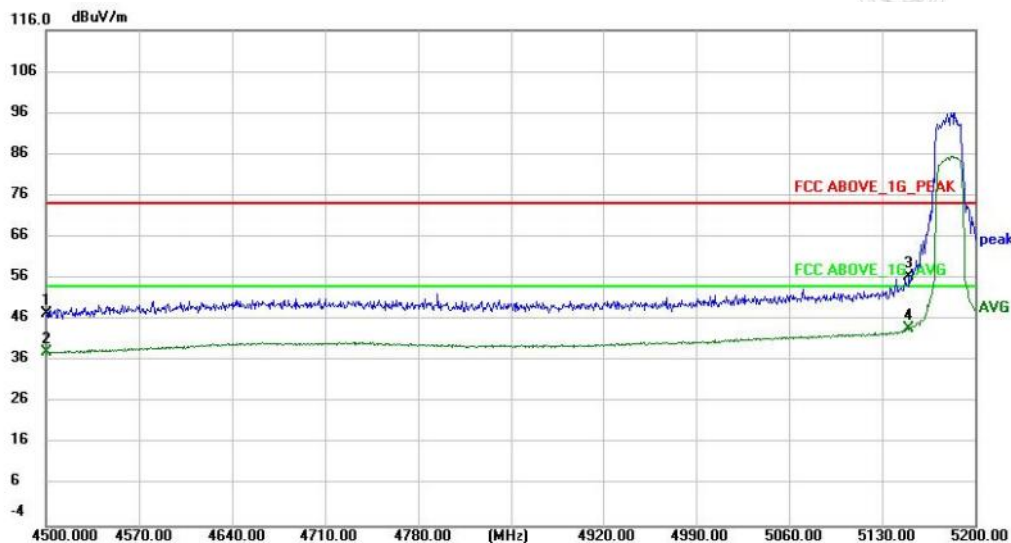


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	47.04	1.09	48.13	74.00	-25.87	peak	
2		4500.000	37.02	1.09	38.11	54.00	-15.89	AVG	
3		5150.000	59.98	2.77	62.75	74.00	-11.25	peak	
4	*	5150.000	45.87	2.77	48.64	54.00	-5.36	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode6 / Polarization: Vertical / CH: L

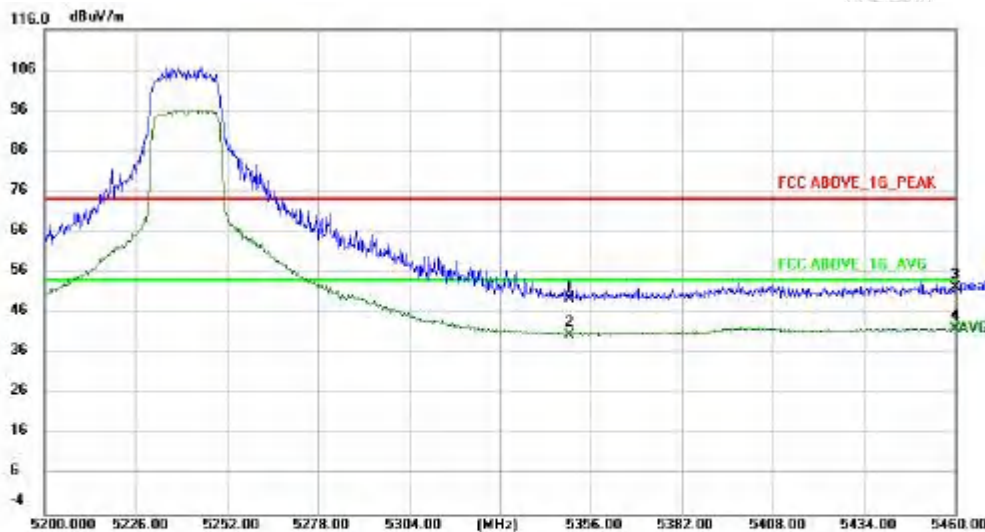


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	46.32	1.09	47.41	74.00	-26.59	peak	
2		4500.000	37.16	1.09	38.25	54.00	-15.75	AVG	
3		5150.000	53.76	2.77	56.53	74.00	-17.47	peak	
4	*	5150.000	40.98	2.77	43.75	54.00	-10.25	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode6 / Polarization: Horizontal / CH: H

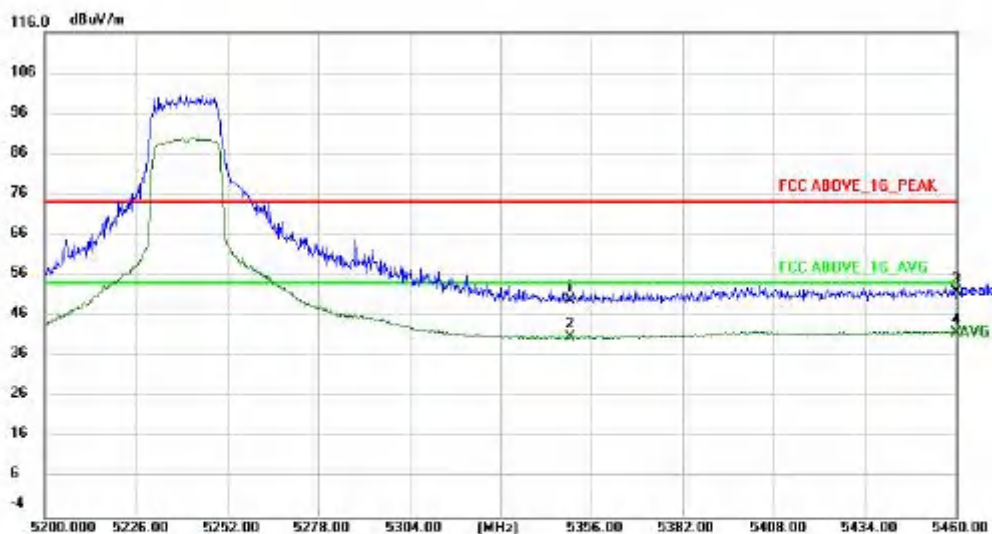


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5350.000	46.97	2.64	49.61	74.00	-24.39	peak	
2		5350.000	37.94	2.64	40.58	54.00	-13.42	AVG	
3		5460.000	49.33	2.98	52.31	74.00	-21.69	peak	
4	*	5460.000	39.17	2.98	42.15	54.00	-11.85	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode6 / Polarization: Vertical / CH: H

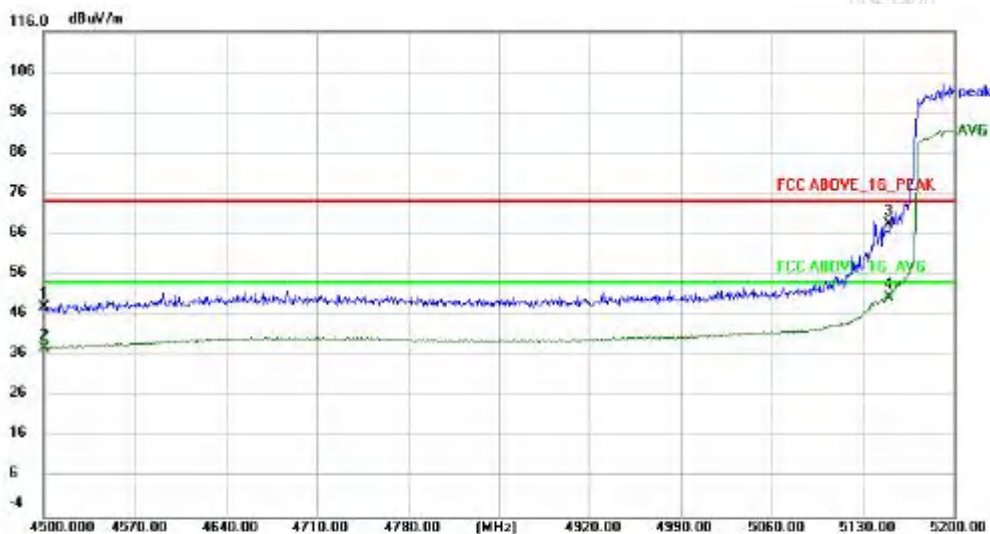


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5350.000	47.24	2.64	49.88	74.00	-24.12	peak	
2		5350.000	38.19	2.64	40.83	54.00	-13.17	AVG	
3		5460.000	49.05	2.98	52.03	74.00	-21.97	peak	
4	*	5460.000	38.91	2.98	41.89	54.00	-12.11	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode7 / Polarization: Horizontal / CH: L

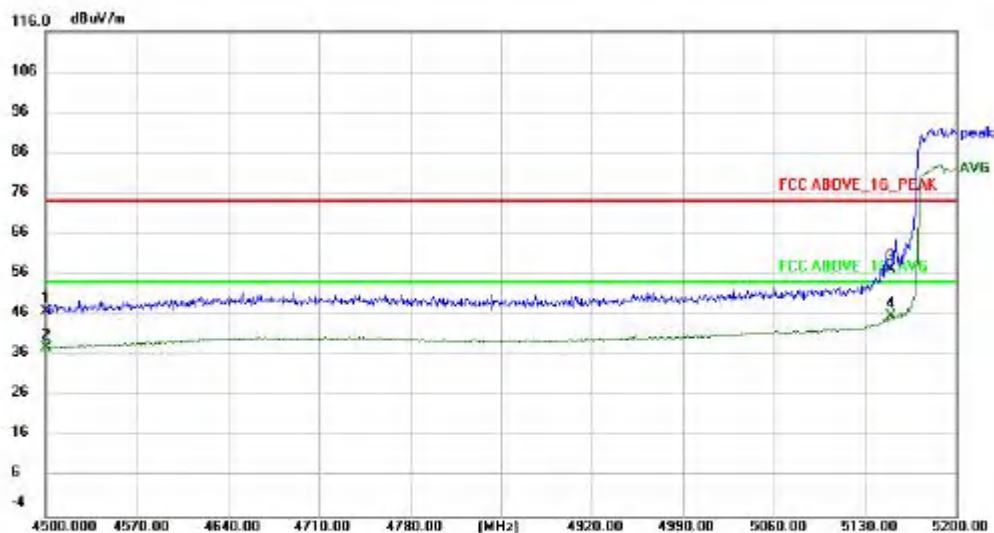


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	47.05	1.09	48.14	74.00	-25.86	peak	
2		4500.000	36.74	1.09	37.83	54.00	-16.17	AVG	
3		5150.000	85.79	2.77	88.56	74.00	-5.44	peak	
4	*	5150.000	47.59	2.77	50.36	54.00	-3.64	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode7 / Polarization: Vertical / CH: L

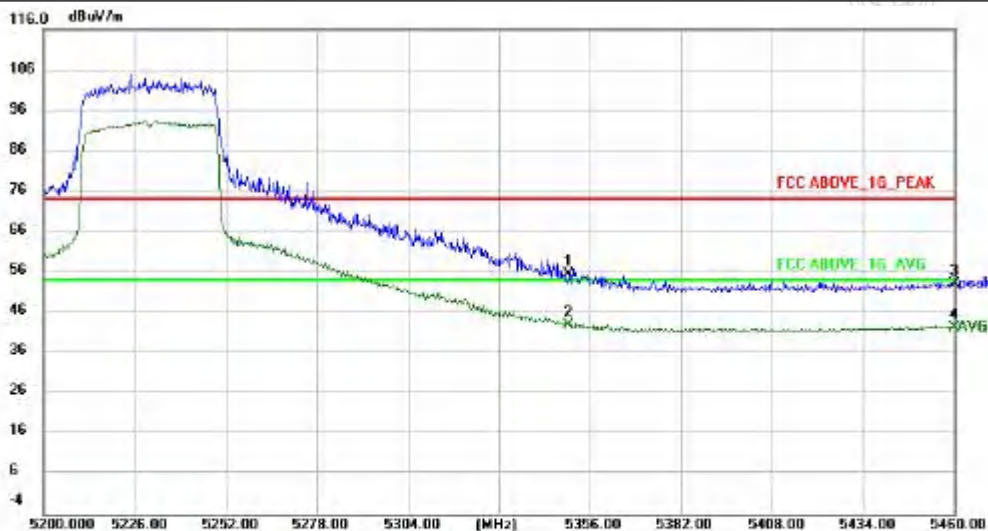


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4500.000	45.89	1.09	46.98	74.00	-27.02	peak	
2		4500.000	36.66	1.09	37.75	54.00	-16.25	AVG	
3		5150.000	54.69	2.77	57.46	74.00	-16.54	peak	
4	*	5150.000	42.83	2.77	45.60	54.00	-8.40	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode7 / Polarization: Horizontal / CH: H

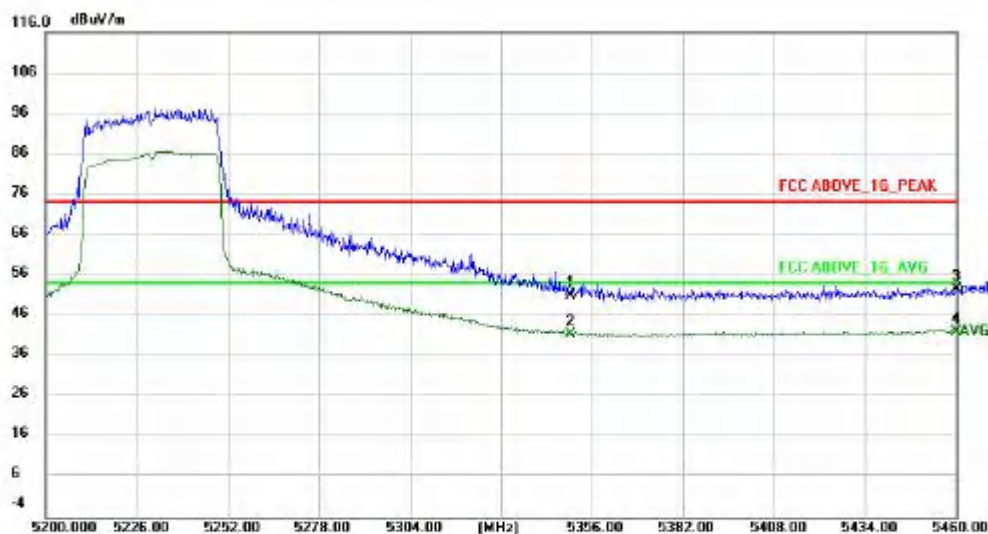


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5350.000	52.83	2.64	55.47	74.00	-18.53	peak	
2	*	5350.000	40.35	2.64	42.99	54.00	-11.01	AVG	
3		5480.000	50.18	2.98	53.16	74.00	-20.84	peak	
4		5480.000	39.49	2.98	42.47	54.00	-11.53	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode7 / Polarization: Vertical / 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	48.51	2.64	51.15	74.00	-22.85	peak	
2		5350.000	38.85	2.64	41.49	54.00	-12.51	AVG	
3		5460.000	49.48	2.98	52.46	74.00	-21.54	peak	
4	*	5460.000	39.21	2.98	42.19	54.00	-11.81	AVG	

TEST REPORT

Report No.: MTi260610016-0103E2

U-NII-3

Mode1 / Polarization: Horizontal / 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	45.86	3.29	49.15	68.20	-19.05	peak	
2		5700.000	52.21	3.61	55.82	105.20	-49.38	peak	
3		5720.000	55.49	3.59	59.08	110.80	-51.72	peak	
4		5725.000	62.27	3.58	65.85	122.20	-56.35	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode1 / Polarization: Vertical / 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	44.89	3.29	48.18	68.20	-20.02	peak	
2		5700.000	45.22	3.61	48.83	105.20	-56.37	peak	
3		5720.000	52.48	3.59	56.07	110.80	-54.73	peak	
4		5725.000	60.31	3.58	63.89	122.20	-58.31	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode1 / Polarization: Horizontal / 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	57.97	4.00	61.97	122.20	-60.23	peak	
2		5855.000	55.79	4.01	59.80	110.80	-51.00	peak	
3		5875.000	49.12	4.11	53.23	105.20	-51.97	peak	
4	*	5920.000	47.66	4.32	51.98	71.90	-19.92	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode1 / Polarization: Vertical / 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	55.49	4.00	59.49	122.20	-62.71	peak	
2		5855.000	53.64	4.01	57.65	110.80	-53.15	peak	
3		5875.000	48.02	4.11	52.13	105.20	-53.07	peak	
4	*	5920.000	46.98	4.32	51.30	71.90	-20.60	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode2 / Polarization: Horizontal / 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	46.45	3.29	49.74	68.20	-18.46	peak	
2		5700.000	52.16	3.61	55.77	105.20	-49.43	peak	
3		5720.000	61.98	3.59	65.57	110.80	-45.23	peak	
4		5725.000	68.70	3.58	72.28	122.20	-49.92	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode2 / Polarization: Vertical / 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	44.53	3.29	47.82	68.20	-20.38	peak	
2		5700.000	49.13	3.61	52.74	105.20	-52.46	peak	
3		5720.000	55.81	3.59	59.40	110.80	-51.40	peak	
4		5725.000	60.62	3.58	64.20	122.20	-58.00	peak	

TEST REPORT

Report No.: MTI260610016-0103E2

Mode2 / Polarization: Horizontal / 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	59.53	4.00	63.53	122.20	-58.67	peak	
2		5855.000	57.69	4.01	61.70	110.80	-49.10	peak	
3		5875.000	47.16	4.11	51.27	105.20	-53.93	peak	
4	*	5920.000	47.57	4.32	51.89	71.90	-20.01	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode2 / Polarization: Vertical / CH: H



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	60.20	4.00	64.20	122.20	-58.00	peak	
2		5855.000	58.54	4.01	62.55	110.80	-48.25	peak	
3		5875.000	49.36	4.11	53.47	105.20	-51.73	peak	
4	*	5920.000	47.41	4.32	51.73	71.90	-20.17	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode3 / Polarization: Horizontal / CH: L



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	5650.000	46.45	3.29	49.74	68.20	-18.46	peak	
2		5700.000	55.23	3.61	58.84	105.20	-46.36	peak	
3		5720.000	66.08	3.59	69.67	110.80	-41.13	peak	
4		5725.000	67.45	3.58	71.03	122.20	-51.17	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode3 / Polarization: Vertical / 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	46.18	3.29	49.47	68.20	-18.73	peak	
2		5700.000	53.47	3.61	57.08	105.20	-48.12	peak	
3		5720.000	62.25	3.59	65.84	110.80	-44.96	peak	
4		5725.000	62.39	3.58	65.97	122.20	-56.23	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode3 / Polarization: Horizontal / 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	56.07	4.00	60.07	122.20	-62.13	peak	
2		5855.000	53.97	4.01	57.98	110.80	-52.82	peak	
3		5875.000	50.08	4.11	54.19	105.20	-51.01	peak	
4	*	5920.000	45.80	4.32	50.12	71.90	-21.78	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode3 / Polarization: Vertical / CH: H

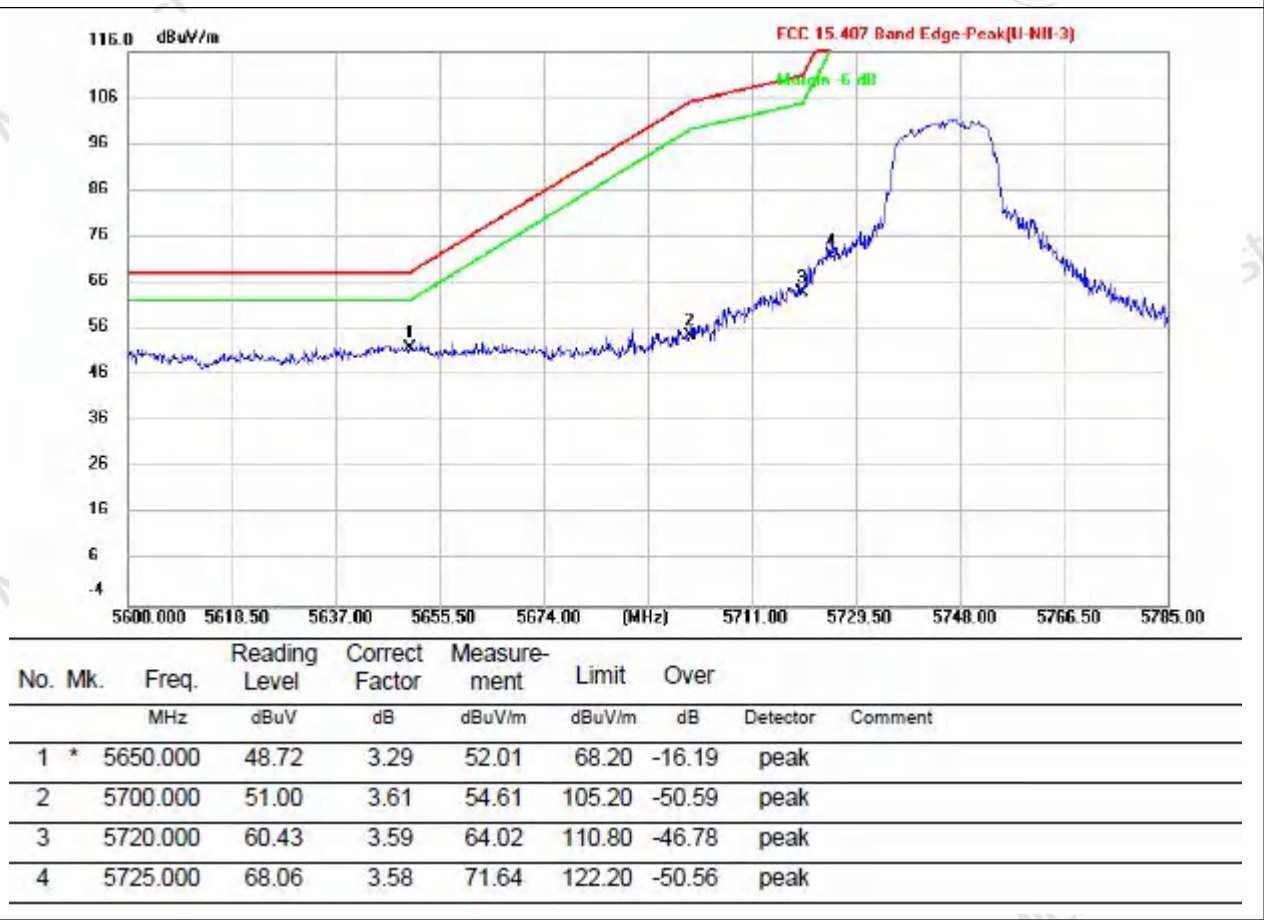


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5850.000	52.88	4.00	56.88	122.20	-65.32	peak	
2		5855.000	49.30	4.01	53.31	110.80	-57.49	peak	
3		5875.000	47.93	4.11	52.04	105.20	-53.16	peak	
4	*	5920.000	46.39	4.32	50.71	71.90	-21.19	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode4 / Polarization: Horizontal / CH: L



TEST REPORT

Report No.: MTi260610016-0103E2

Mode4 / Polarization: Vertical / CH: L



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5650.000	45.09	3.29	48.38	68.20	-19.82	peak	
2		5700.000	48.15	3.61	51.76	105.20	-53.44	peak	
3		5720.000	59.47	3.59	63.06	110.80	-47.74	peak	
4		5725.000	62.39	3.58	65.97	122.20	-56.23	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode4 / Polarization: Horizontal / CH: H

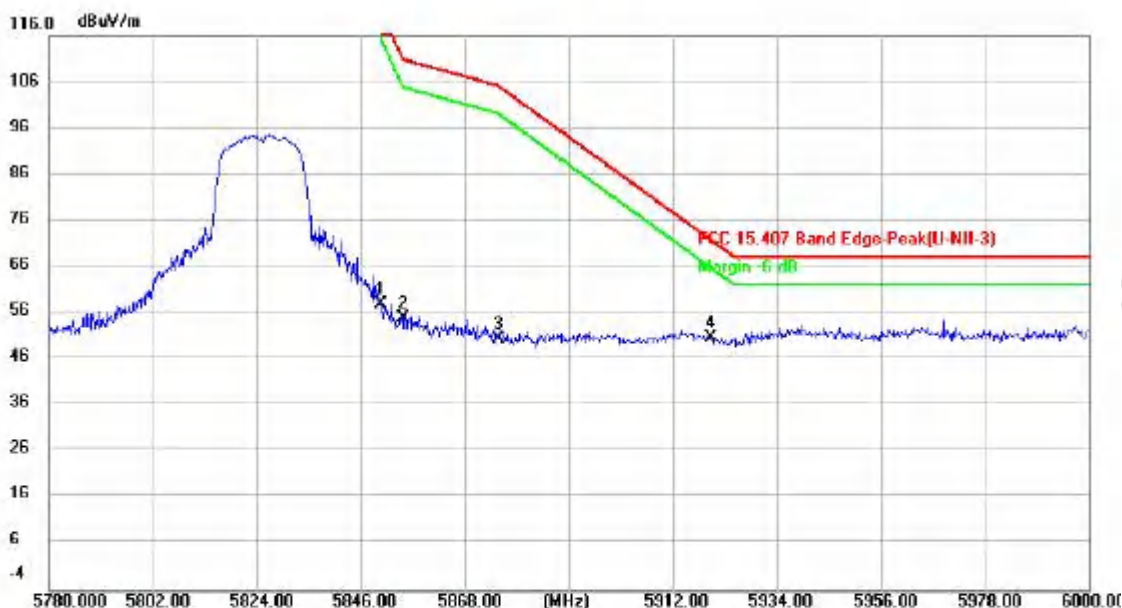


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5850.000	58.48	4.00	62.48	122.20	-59.72	peak	
2		5855.000	58.32	4.01	62.33	110.80	-48.47	peak	
3		5875.000	48.82	4.11	52.93	105.20	-52.27	peak	
4	*	5920.000	47.01	4.32	51.33	71.90	-20.57	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode4 / Polarization: Vertical / 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	53.90	4.00	57.90	122.20	-64.30	peak	
2		5855.000	50.92	4.01	54.93	110.80	-55.87	peak	
3		5875.000	46.27	4.11	50.38	105.20	-54.82	peak	
4	*	5920.000	46.30	4.32	50.62	71.90	-21.28	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode5 / Polarization: Horizontal / 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	47.88	3.29	51.17	68.20	-17.03	peak	
2		5700.000	53.68	3.61	57.29	105.20	-47.91	peak	
3		5720.000	65.72	3.59	69.31	110.80	-41.49	peak	
4		5725.000	68.22	3.58	71.80	122.20	-50.40	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode5 / Polarization: Vertical / 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	46.17	3.29	49.46	68.20	-18.74	peak	
2		5700.000	53.97	3.61	57.58	105.20	-47.62	peak	
3		5720.000	61.87	3.59	65.46	110.80	-45.34	peak	
4		5725.000	62.82	3.58	66.40	122.20	-55.80	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode5 / Polarization: Horizontal / 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	55.49	4.00	59.49	122.20	-62.71	peak	
2		5855.000	52.47	4.01	56.48	110.80	-54.32	peak	
3		5875.000	46.95	4.11	51.06	105.20	-54.14	peak	
4	*	5920.000	47.52	4.32	51.84	71.90	-20.06	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode5 / Polarization: Vertical / CH: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	50.20	4.00	54.20	122.20	-68.00	peak	
2		5855.000	50.84	4.01	54.85	110.80	-55.95	peak	
3		5875.000	44.64	4.11	48.75	105.20	-56.45	peak	
4	*	5920.000	46.33	4.32	50.65	71.90	-21.25	peak	

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Mode6 / Polarization: Horizontal / 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	46.83	3.29	50.12	68.20	-18.08	peak	
2		5700.000	56.46	3.61	60.07	105.20	-45.13	peak	
3		5720.000	69.91	3.59	73.50	110.80	-37.30	peak	
4		5725.000	74.92	3.58	78.50	122.20	-43.70	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode6 / Polarization: Vertical / 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	46.02	3.29	49.31	68.20	-18.89	peak	
2		5700.000	56.22	3.61	59.83	105.20	-45.37	peak	
3		5720.000	64.83	3.59	68.42	110.80	-42.38	peak	
4		5725.000	70.13	3.58	73.71	122.20	-48.49	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode6 / Polarization: Horizontal / 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	69.59	4.00	73.59	122.20	-48.61	peak	
2	5855.000	65.71	4.01	69.72	110.80	-41.08	peak	
3	5875.000	51.98	4.11	56.09	105.20	-49.11	peak	
4 *	5920.000	48.78	4.32	53.10	71.90	-18.80	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode6 / Polarization: Vertical / 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	66.21	4.00	70.21	122.20	-51.99	peak	
2		5855.000	62.35	4.01	66.36	110.80	-44.44	peak	
3		5875.000	55.31	4.11	59.42	105.20	-45.78	peak	
4	*	5920.000	48.77	4.32	53.09	71.90	-18.81	peak	

TEST REPORT

Report No.: MTi260610016-0103E2

Mode7 / Polarization: Horizontal / 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	49.55	3.29	52.84	68.20	-15.36	peak	
2		5700.000	65.06	3.61	68.67	105.20	-36.53	peak	
3		5720.000	68.66	3.59	72.25	110.80	-38.55	peak	
4		5725.000	68.50	3.58	72.08	122.20	-50.12	peak	

TEST REPORT

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Mode7 / Polarization: Vertical / 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	49.90	3.29	53.19	68.20	-15.01	peak	
2		5700.000	58.78	3.61	62.39	105.20	-42.81	peak	
3		5720.000	69.22	3.59	72.81	110.80	-37.99	peak	
4		5725.000	71.35	3.58	74.93	122.20	-47.27	peak	

TEST REPORT

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Mode7 / Polarization: Horizontal / 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	68.03	4.00	72.03	122.20	-50.17	peak	
2		5855.000	66.62	4.01	70.63	110.80	-40.17	peak	
3		5875.000	59.05	4.11	63.16	105.20	-42.04	peak	
4	*	5920.000	46.44	4.32	50.76	71.90	-21.14	peak	

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Mode7 / Polarization: Vertical / CH: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5850.000	65.40	4.00	69.40	122.20	-52.80	peak	
2		5855.000	64.34	4.01	68.35	110.80	-42.45	peak	
3		5875.000	57.77	4.11	61.88	105.20	-43.32	peak	
4	*	5920.000	48.74	4.32	53.06	71.90	-18.84	peak	

TEST REPORT

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6.7 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 border="1"> <thead> <tr> <th>Frequency (MHz)</th><th>Field strength (microvolts/meter)</th><th>Measurement distance (meters)</th></tr> </thead> <tbody> <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> </tbody> </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+Cor. 1-2023+C63.10a-2024+Errata to C63.10a-2024, section 12.7.4, 12.7.5																									
Procedure:	Below 1GHz: - 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. - 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. - 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 quasi-peak method as specified and then reported in a data sheet. - Test the EUT in the lowest channel, the middle channel, the Highest channel.																									

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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 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

TEST REPORT

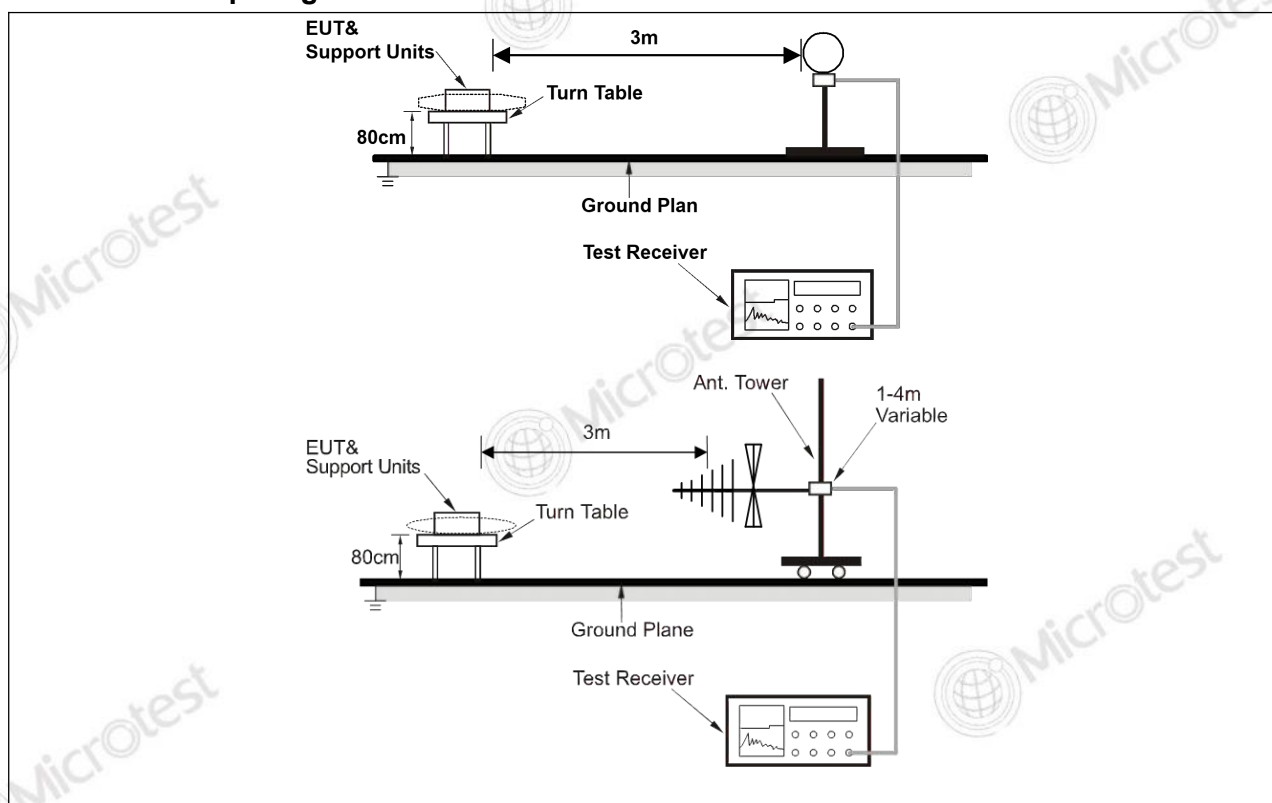
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	highest point could be found when testing, so only the above harmonics had been displayed.
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6.7.1 E.U.T. Operation:

Operating Environment:					
Temperature:	23 °C	Humidity:	45 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7				
Final test mode:	All of the listed pre-test mode were tested, only the data of the worst mode (Mode1) is recorded in the report				

6.7.2 Test Setup Diagram:



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6.7.3 Test Data:

U-NII-1

Mode1 / Polarization: Horizontal / CH: H



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		39.7146	24.97	-7.12	17.85	40.00	-22.15	QP	
2	*	62.2128	27.37	-8.48	18.89	40.00	-21.11	QP	
3		95.4269	28.04	-11.20	16.84	43.50	-26.66	QP	
4		124.1329	26.31	-8.61	17.70	43.50	-25.80	QP	
5		199.9855	27.96	-9.62	18.34	43.50	-25.16	QP	
6		372.0045	27.20	-4.37	22.83	46.00	-23.17	QP	

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Mode1 / Polarization: Vertical / CH: H



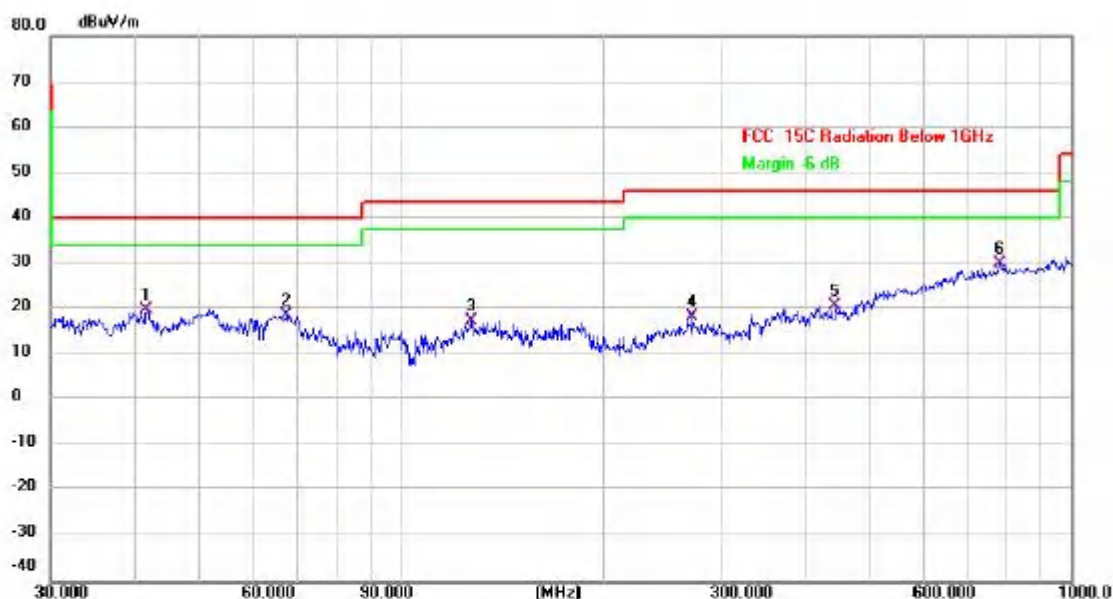
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		42.6000	25.84	-7.25	18.59	40.00	-21.41	peak	
2		58.6126	28.12	-8.23	19.89	40.00	-20.11	peak	
3	*	74.6568	31.11	-10.28	20.83	40.00	-19.17	peak	
4		106.3850	28.16	-10.57	17.59	43.50	-25.91	peak	
5		189.7384	28.18	-9.20	18.98	43.50	-24.52	peak	
6		414.7223	25.27	-3.35	21.92	46.00	-24.08	peak	

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U-NII-3

Mode1 / Polarization: Horizontal / CH: H



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		41.7129	27.14	-7.16	19.98	40.00	-20.02	QP	
2		67.4381	27.92	-9.28	18.64	40.00	-21.36	QP	
3		127.6645	25.67	-8.13	17.54	43.50	-25.96	QP	
4		272.2776	25.14	-6.80	18.34	46.00	-27.66	QP	
5		444.8514	23.58	-2.79	20.79	46.00	-25.21	QP	
6	*	782.3451	26.41	3.77	30.18	46.00	-15.82	QP	

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Mode1 / Polarization: Vertical / CH: H



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	45.5347	27.90	-7.39	20.51	40.00	-19.49	QP	
2		66.9668	28.50	-9.19	19.31	40.00	-20.69	QP	
3		128.1125	25.56	-8.11	17.45	43.50	-26.05	QP	
4		173.8135	24.57	-7.05	17.52	43.50	-25.98	QP	
5		280.0237	23.78	-6.25	17.53	46.00	-28.47	QP	
6		472.1759	24.76	-2.39	22.37	46.00	-23.63	QP	

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6.8 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																																																																								
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4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2																																																																								
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6.215-6.218	74.8-75.2	1660-1710	10.6-12.7																																																																								
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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: <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+Cor. 1-2023+C63.10a-2024+Errata to C63.10a-2024, 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: 1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor																								

TEST REPORT

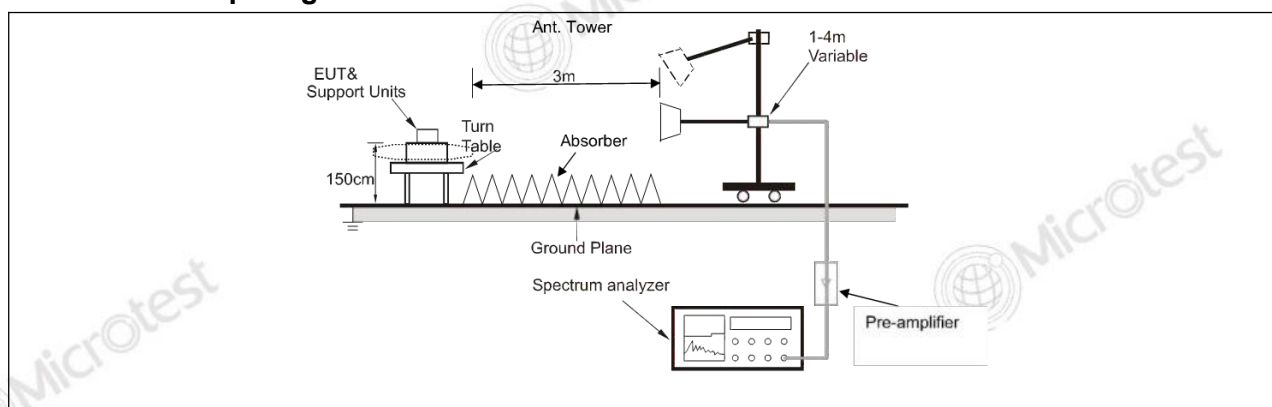
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	2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator 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 been displayed.
--	--

6.8.1 E.U.T. Operation:

Operating Environment:					
Temperature:	23 °C	Humidity:	45 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7				
Final test mode:	All of the listed pre-test mode were tested, only the data of the worst mode (Mode1) is recorded in the report				

6.8.2 Test Setup Diagram:



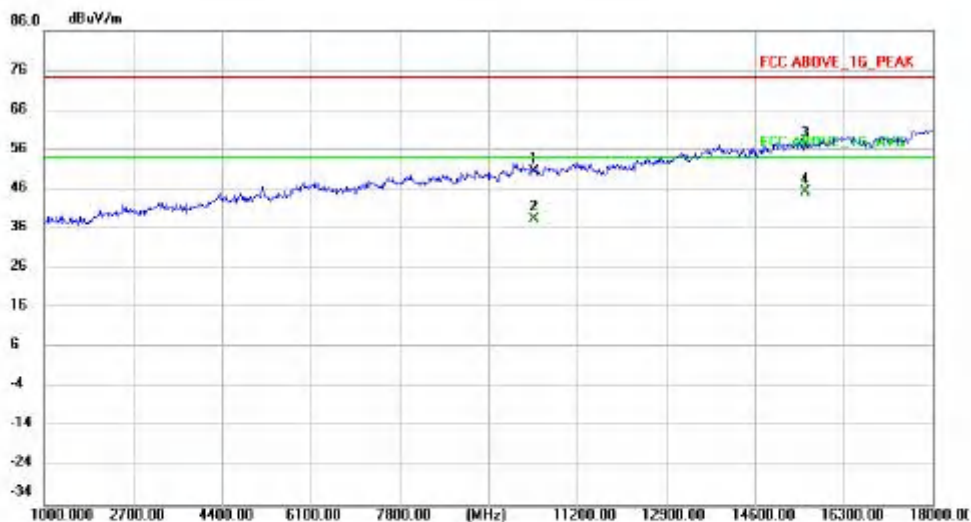
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6.8.3 Test Data:

U-NII-1

Mode1 / Polarization: Horizontal / CH: L

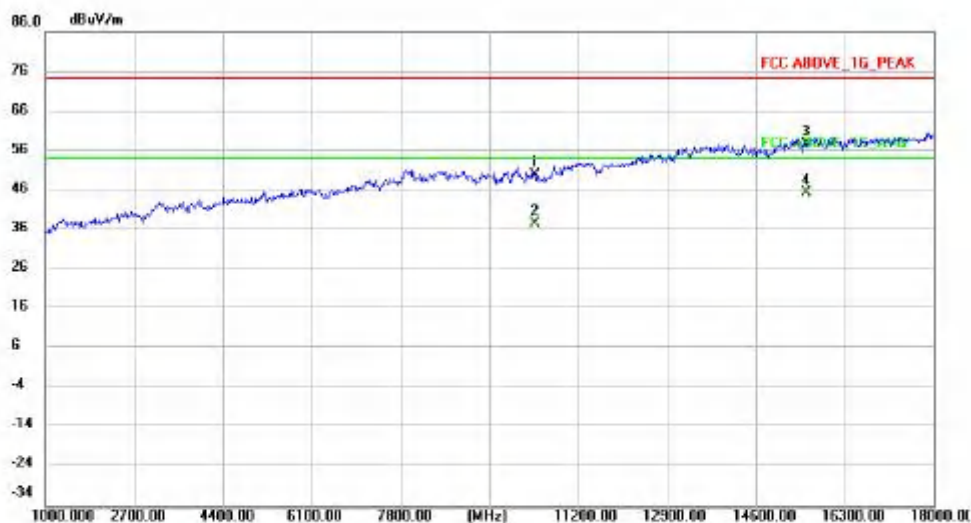


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		10360.000	40.00	10.33	50.33	74.00	-23.67	peak	
2		10360.000	28.22	10.33	38.55	54.00	-15.45	AVG	
3		15540.000	44.96	12.23	57.19	74.00	-16.81	peak	
4	*	15540.000	33.24	12.23	45.47	54.00	-8.53	AVG	

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Mode1 / Polarization: Vertical / CH: L

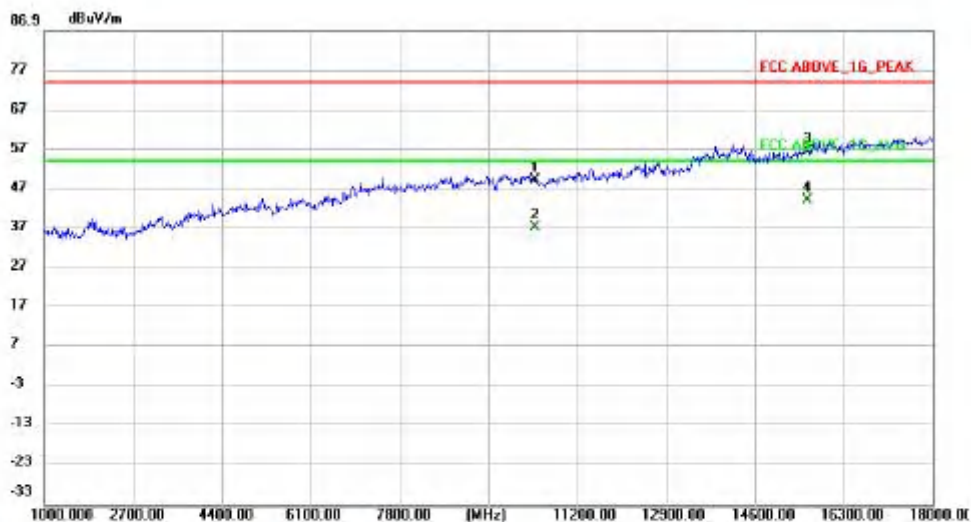


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector Comment
1		10360.000	39.56	10.33	49.89	74.00	-24.11	peak
2		10360.000	27.33	10.33	37.66	54.00	-16.34	AVG
3		15540.000	45.53	12.23	57.76	74.00	-16.24	peak
4	*	15540.000	33.14	12.23	45.37	54.00	-8.63	AVG

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Mode1 / Polarization: Horizontal / CH: M

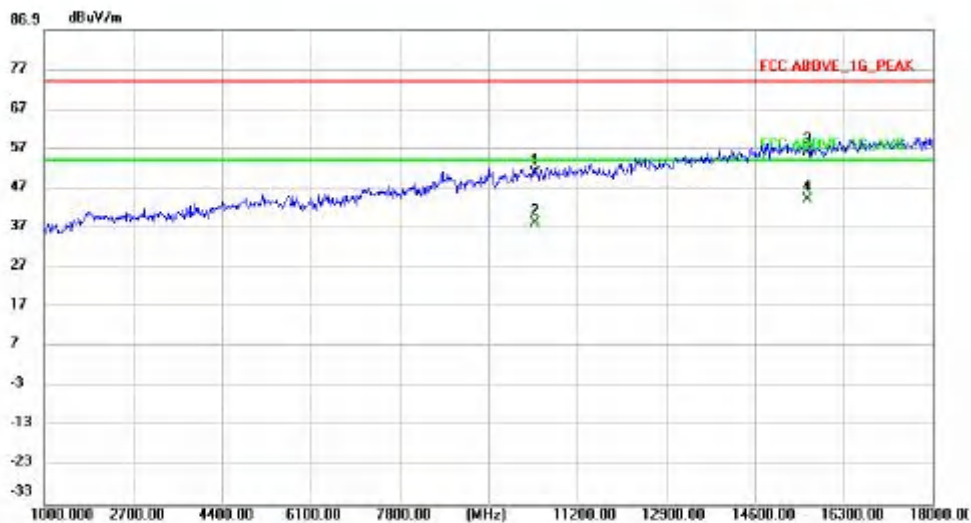


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
1		10400.000	38.66	10.62	49.28	74.00	-24.72	peak	
2		10400.000	28.56	10.62	37.18	54.00	-16.82	AVG	
3		15600.000	43.93	12.62	56.55	74.00	-17.45	peak	
4	*	15600.000	31.67	12.62	44.29	54.00	-9.71	AVG	

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Mode1 / Polarization: Vertical / CH: M

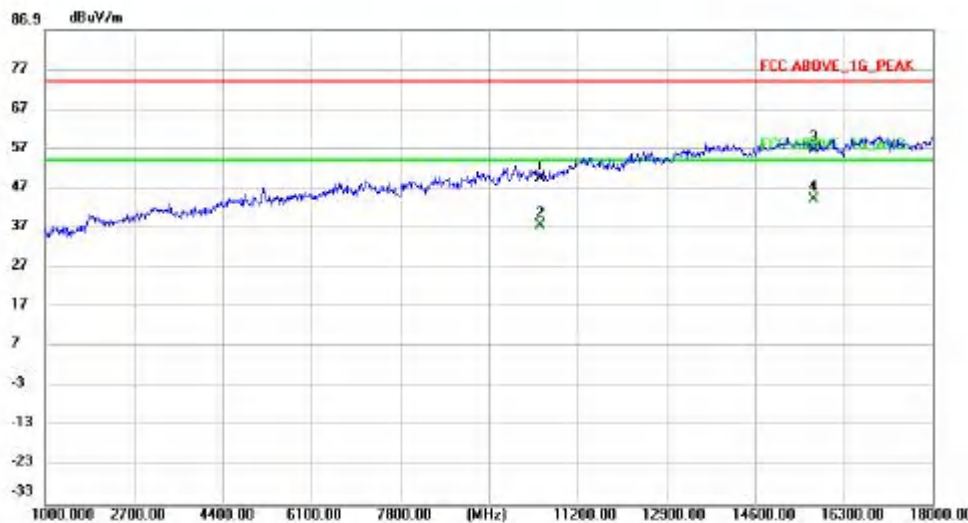


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		10400.000	40.13	10.62	50.75	74.00	-23.25	peak	
2		10400.000	27.61	10.62	38.23	54.00	-15.77	AVG	
3		15600.000	43.51	12.62	56.13	74.00	-17.87	peak	
4	*	15600.000	31.67	12.62	44.29	54.00	-9.71	AVG	

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Mode1 / Polarization: Horizontal / CH: H

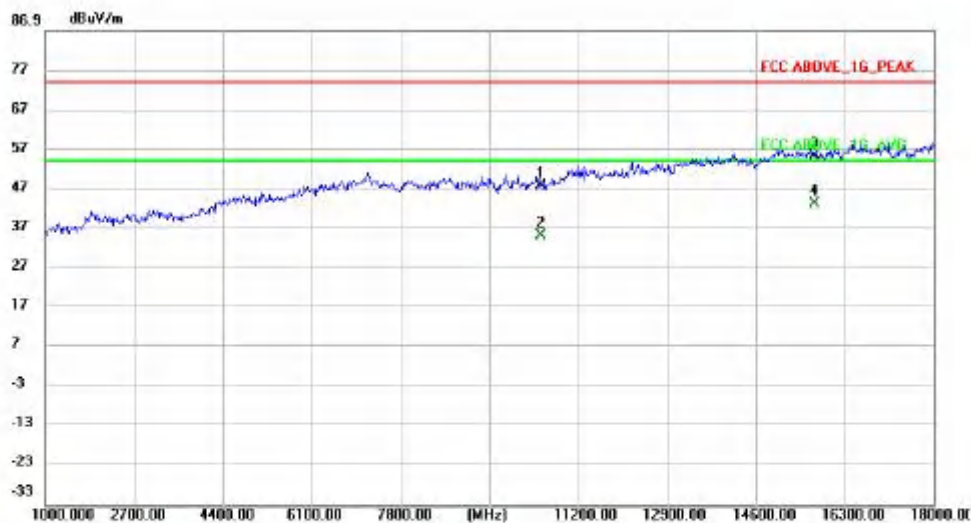


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		10480.000	38.96	10.59	49.55	74.00	-24.45	peak	
2		10480.000	27.03	10.59	37.62	54.00	-16.38	AVG	
3		15720.000	44.22	12.44	56.66	74.00	-17.34	peak	
4	*	15720.000	31.85	12.44	44.29	54.00	-9.71	AVG	

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Mode1 / Polarization: Vertical / CH: H



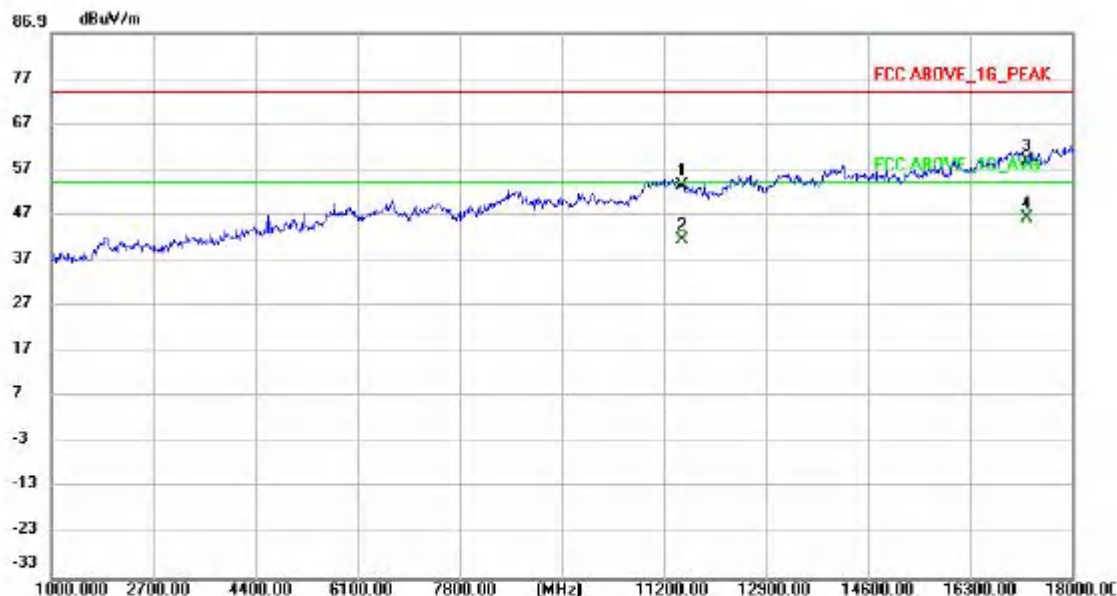
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		10480.000	37.21	10.59	47.80	74.00	-26.20	peak	
2		10480.000	24.67	10.59	35.26	54.00	-18.74	AVG	
3		15720.000	42.75	12.44	55.19	74.00	-18.81	peak	
4	*	15720.000	30.73	12.44	43.17	54.00	-10.83	AVG	

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U-NII-3

Mode1 / Polarization: Horizontal / CH: L

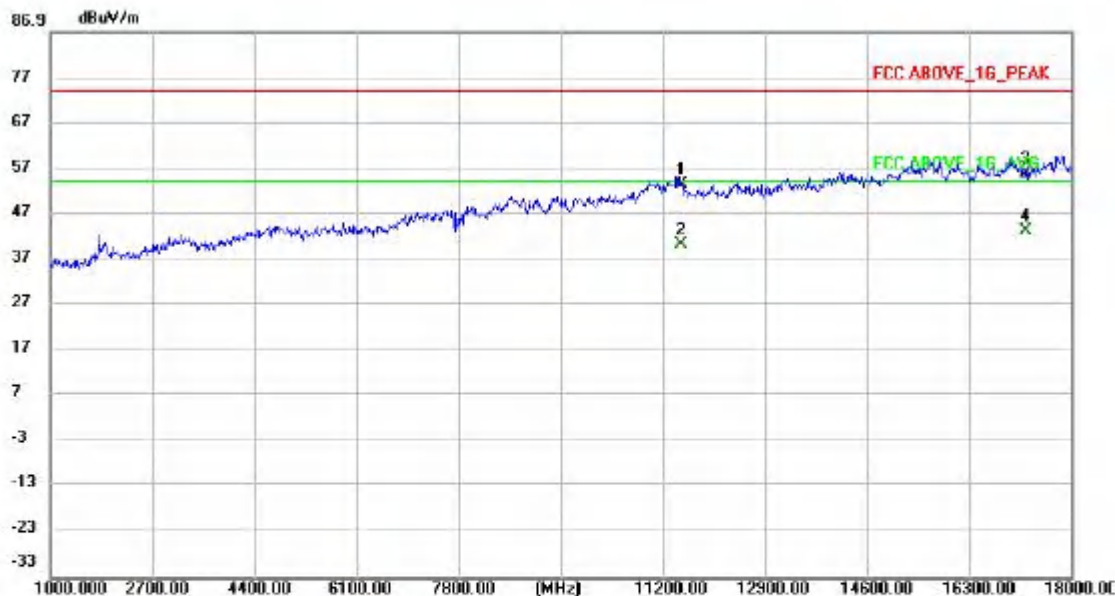


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11490.000	41.39	11.94	53.33	74.00	-20.67	peak	
2		11490.000	29.44	11.94	41.38	54.00	-12.62	AVG	
3		17235.000	45.67	13.04	58.71	74.00	-15.29	peak	
4	*	17235.000	33.33	13.04	46.37	54.00	-7.63	AVG	

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Mode1 / Polarization: Vertical / CH: L

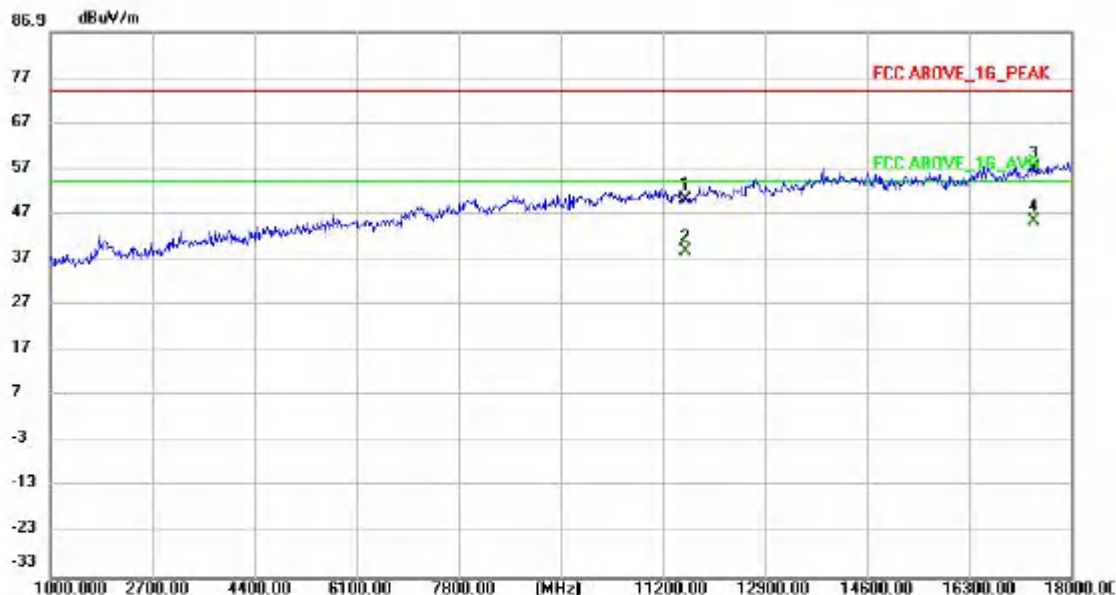


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.000	41.58	11.94	53.52	74.00	-20.48	peak	
2		11490.000	28.43	11.94	40.37	54.00	-13.63	AVG	
3		17235.000	42.92	13.04	55.96	74.00	-18.04	peak	
4	*	17235.000	30.12	13.04	43.16	54.00	-10.84	AVG	

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Mode1 / Polarization: Horizontal / CH: M

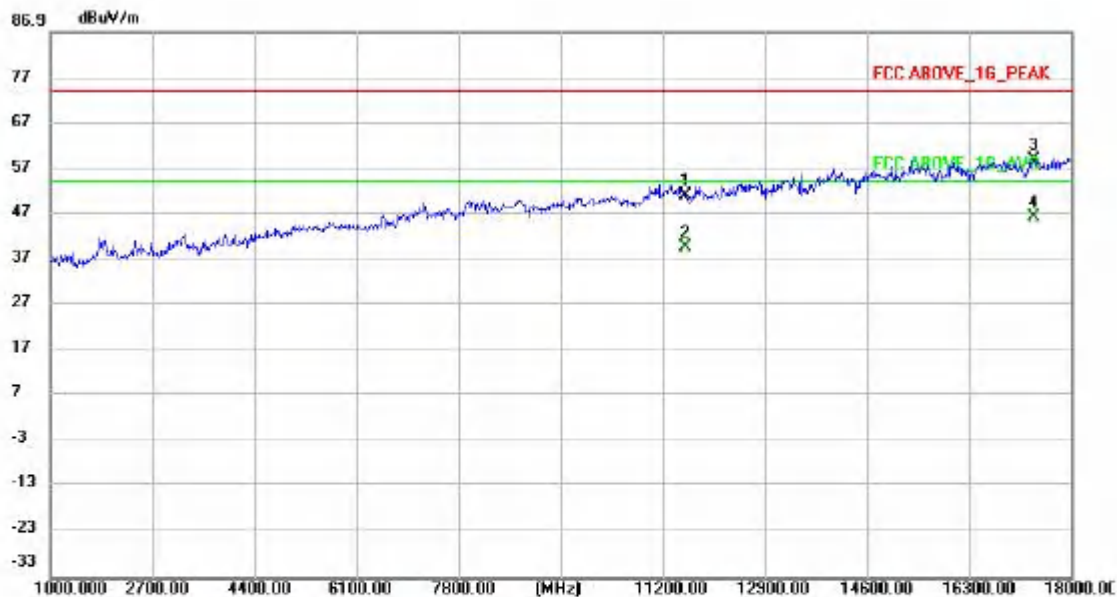


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11570.000	38.50	11.59	50.09	74.00	-23.91	peak	
2		11570.000	27.15	11.59	38.74	54.00	-15.26	AVG	
3		17355.000	44.03	13.06	57.09	74.00	-16.91	peak	
4	*	17355.000	32.23	13.06	45.29	54.00	-8.71	AVG	

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Report No.: MTi260610016-0103E2

Mode1 / Polarization: Vertical / CH: M

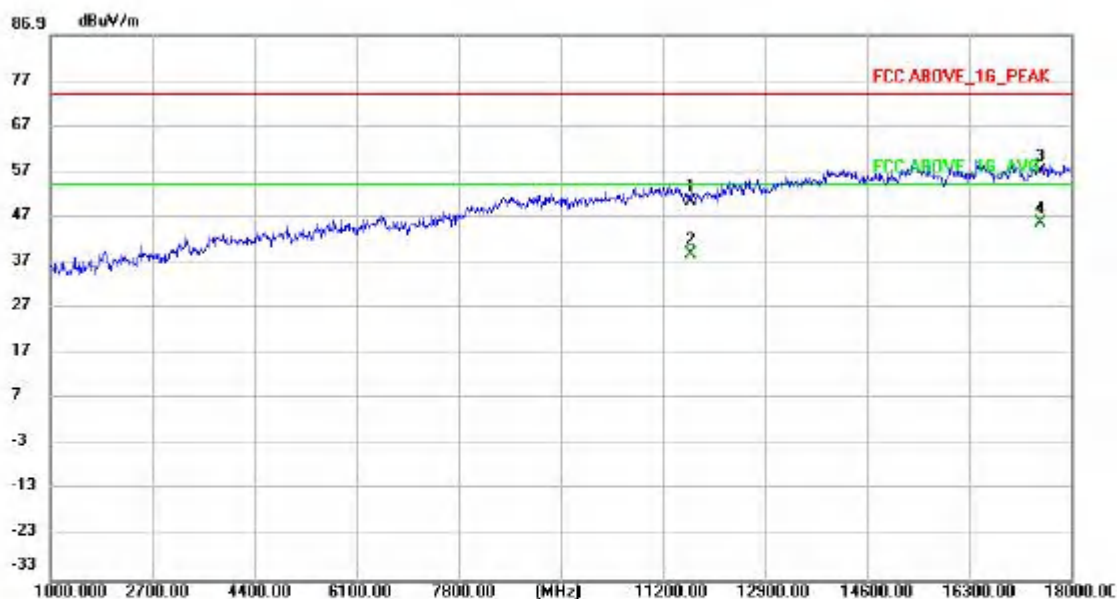


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector Comment
1		11570.000	39.53	11.59	51.12	74.00	-22.88	peak
2		11570.000	28.08	11.59	39.67	54.00	-14.33	AVG
3		17355.000	45.93	13.06	58.99	74.00	-15.01	peak
4	*	17355.000	33.23	13.06	46.29	54.00	-7.71	AVG

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Mode1 / Polarization: Horizontal / CH: H

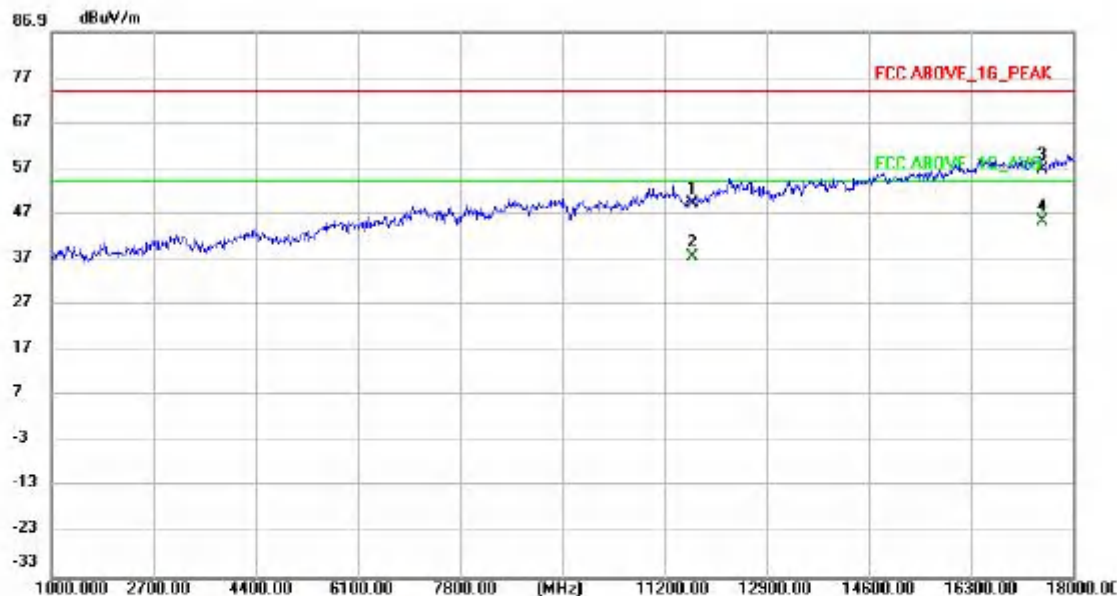


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11650.000	39.07	11.42	50.49	74.00	-23.51	peak	
2		11650.000	27.25	11.42	38.67	54.00	-15.33	AVG	
3		17475.000	43.82	13.25	57.07	74.00	-16.93	peak	
4	*	17475.000	32.49	13.25	45.74	54.00	-8.26	AVG	

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Mode1 / Polarization: Vertical / CH: H



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11650.000	37.88	11.42	49.30	74.00	-24.70	peak	
2		11650.000	26.04	11.42	37.46	54.00	-16.54	AVG	
3		17475.000	43.59	13.25	56.84	74.00	-17.16	peak	
4	*	17475.000	32.01	13.25	45.26	54.00	-8.74	AVG	

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Photographs of the test setup

Refer to Appendix - Test Setup Photos

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Photographs of the EUT

Refer to Appendix - EUT Photos

Appendix

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Appendix A1: Emission bandwidth (26dB bandwidth)

Test Result

Test Mode	Antenna	Frequency [MHz]	26db EBW [MHz]
11A	Ant1	5180	23.40
		5200	24.44
		5240	25.20
11N20SISO	Ant1	5180	24.04
		5200	23.96
		5240	24.08
11N40SISO	Ant1	5190	44.80
		5230	44.40
11AC20SISO	Ant1	5180	24.12
		5200	23.56
		5240	24.20
11AC40SISO	Ant1	5190	44.72
		5230	44.96
11AX20SISO	Ant1	5180	23.20
		5200	23.16
		5240	23.36
11AX40SISO	Ant1	5190	44.64
		5230	43.60

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Test Graphs



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Report No.: MTI260610016-0103E2

11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

TEST REPORT

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TEST REPORT

Report No.: MTI260610016-0103E2

11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

TEST REPORT

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6.9 Appendix A2: Occupied channel bandwidth

6.9.1 Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	17.706	5171.2001	5188.9061
		5200	17.763	5191.0590	5208.8220
		5240	17.719	5231.1381	5248.8571
		5745	18.083	5735.7874	5753.8704
		5785	18.151	5775.8012	5793.9522
		5825	17.909	5815.9996	5833.9086
11N20SISO	Ant1	5180	18.677	5170.7495	5189.4265
		5200	18.811	5190.5820	5209.3930
		5240	18.843	5230.6082	5249.4512
		5745	19.177	5735.3078	5754.4848
		5785	19.090	5775.3539	5794.4439
		5825	19.009	5815.4596	5834.4686
11N40SISO	Ant1	5190	37.052	5171.5348	5208.5868
		5230	37.384	5211.4135	5248.7975
		5755	37.946	5735.7853	5773.7313
		5795	37.972	5776.0416	5814.0136
11AC20SISO	Ant1	5180	18.742	5170.7694	5189.5114
		5200	18.789	5190.6057	5209.3947
		5240	18.809	5230.6307	5249.4397
		5745	19.118	5735.3241	5754.4421
		5785	19.092	5775.4123	5794.5043
		5825	18.925	5815.5279	5834.4529
11AC40SISO	Ant1	5190	37.255	5171.5230	5208.7780
		5230	37.302	5211.4124	5248.7144
		5755	38.068	5735.7390	5773.8070
		5795	37.949	5776.0641	5814.0131
11AX20SISO	Ant1	5180	19.416	5170.4049	5189.8209
		5200	19.553	5190.2832	5209.8362
		5240	19.474	5230.3284	5249.8024
		5745	19.648	5735.1951	5754.8431
		5785	19.757	5775.1504	5794.9074
		5825	19.647	5815.1779	5834.8249
11AX40SISO	Ant1	5190	38.277	5170.9680	5209.2450
		5230	38.271	5210.9166	5249.1876
		5755	38.681	5735.5903	5774.2713
		5795	38.773	5775.6323	5814.4053

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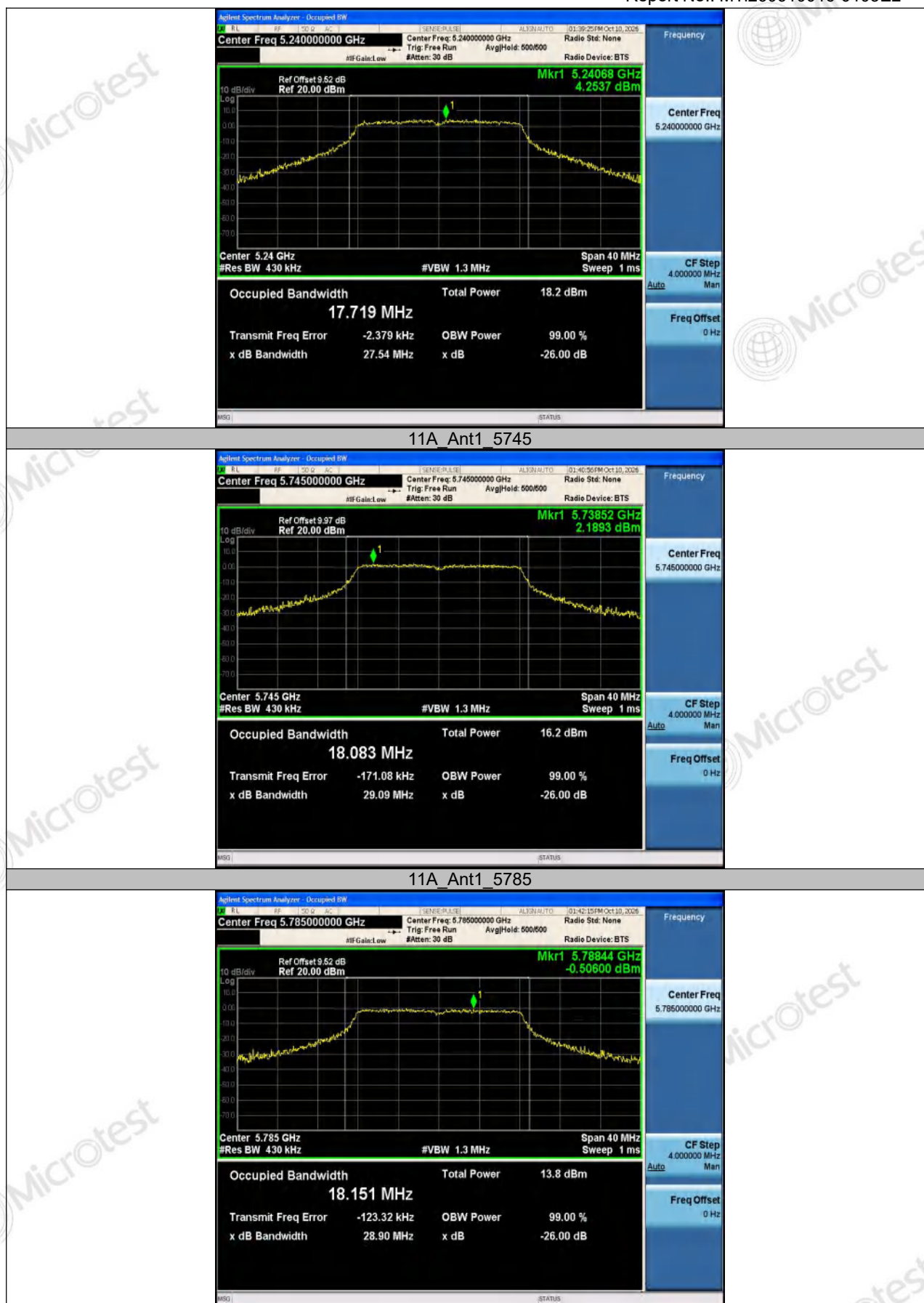
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6.9.2 Test Graphs



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