

NCC RADIO TEST REPORT

Product name	HyRead Gaze Pocket
Applicant	凌網科技股份有限公司
Manufacture	深圳市博閱科技股份有限公司
Rating(s)	DC5V from adapter or DC3.8V from battery
Trademark	Gaze
Model and/or type reference	R06N
Standard	LP0002:2020
Test Result	PASS

Date of receipt : 04-06-2021
Date of Issue : 04-25-2021

signature :



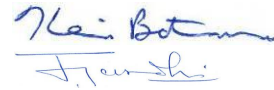
NCC RADIO TEST REPORT

Report Reference No.: M210429N02-01

Compiled by (+ signature)..... Kevin Bothmann

Approved by (+ signature)..... Jay Gandhi

Date of issue: 2021-04-25



Applicant's name.....: 凌網科技股份有限公司

Address.....: 302 臺灣新竹縣竹北市台元一街 8 號 5 樓之 6

Manufacture's Name.....: 深圳市博閱科技股份有限公司

Address.....: 深圳市南山區粵海街道麻嶺社區科技中二路 19 號勁嘉科技大廈 1001 室

Test specification:

Standard.....: LP0002: 2020

Test procedure.....: EIA 603、ANSI、FCC/47 CFR/2.1046、2.1047、2.1049、2.1051、2.1053 and 2.1055

Non-standard test method.....: N/A

Test item description

Product name: HyRead Gaze Pocket

Trademark.....: Gaze

Model and/or type reference: R06N

Rating(s): DC5V from adapter or DC3.8V from battery

Testing Laboratory information:

Testing Laboratory Name: Electro Magnetic Test, Inc.

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Testing.....:

Date of receipt of test item.....: Apr. 06, 2021

Date (s) of performance of tests.....: Apr. 06~ Apr. 25, 2021

Date of Issue: Apr. 25, 2021

Test Result.....: **Pass**

GENERAL REPORT SUMMARY

This electromagnetic emission test report is generated by Electro Magnetic Test, Inc., which is an independent testing and consulting firm. The test report is based on testing performed Electro Magnetic Test, Inc. personnel according to the measurement procedure described in the test specification given below and in the "Test Procedures" section of this report.

The measurement data and conclusions appearing herein relate only to the sample tested and this report may not be reproduced in any form unless done so in full.

This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Federal Government.

Electro Magnetic Test, Inc. is recognized by the following agencies for performing EMI/EMC testing:

COUNTRY	AGENCY	IDENTIFYING #
USA	Federal Communications Commission (FCC) (EMT's test site is recognized by the FCC)	Registration Number: 90576
USA, Canada, Taiwan, Australia/New Zealand, European Community	National Voluntary Lab Accreditation Program (NVLAP) (EMT is accredited by NVLAP. A copy of the NVLAP Scope Of Accreditation is available upon request.)	Lab Code: 200147-0
Canada	Industry Canada	File No.: IC 2804
Japan	Voluntary Control Council For Interference (VCCI)	See Below
	Open Field Test Site "A"	R-589
	Mains Conducted Emissions Test Site "A"	C-604
	Telecom Conducted Emissions Test Site "A"	T-1655
	3 Meter Semi-Anechoic Chamber Site "E"	R-3227
	3 Meter Semi-Anechoic Chamber Site "E" (1GHz – 6GHz)	G-219
	Mains Conducted Emissions Test Site "E"	C-35793
	Telecom Conducted Emissions Test Site "E"	T-1715
Korea	Ministry of Information and Communication's Radio Research Laboratory (RRL) under the Asia Pacific Economic Cooperation (APEC) Mutual Recognition Arrangement (A copy of the Scope Of Accreditation is available upon request)	US0036
Taiwan	Bureau Of Standards, Metrology and Inspection (BSMI)	Reference Number: SL2-IN-E-1024
Australia / New Zealand	Australian Communications Authority (AUSTEL)	*

***THESE AGENCIES DO NOT ISSUE AN IDENTIFYING NUMBER TO TEST LABS.**

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1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

LP0002 : 2020			
Standard Section	Test Item	Judgment	Remark
3.3	Conducted Emission	PASS	None
4.10.1.5/3.6	Radiated Spurious Emission	PASS	None
4.10.1.2	Peak Output Power	PASS	None
4.10.1.6	6dB Occupied Bandwidth	PASS	None
4.10.1.6	Power Density	PASS	None
4.10.1.5/3.6	Restricted Bands	PASS	None
4.10.1.5/3.6	ANTENNA CONDUCTED SPURIOUS EMISSION	PASS	None
4.10.1.3	Antenna Requirement	PASS	None
4.10.1.5/3.3/3.6	Receiver Emissions	PASS	None

NOTE:

(1) "N/A" denotes test is not applicable in this test report.

1.1 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately **95** %.

No.	Item	Uncertainty
1	Conducted Emission Test	1.38dB
2	Radiated Emission Test	3.17dB
3	RF power,conducted	0.16dB
4	Spurious emissions,conducted	0.21dB
5	All emissions,radiated(<1G)	4.68dB
6	All emissions,radiated(>1G)	4.89dB

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	HyRead Gaze Pocket	
Trade Name	Gaze	
Model Name	R06N	
Serial Model Name	N/A	
Product Description	The EUT is a HyRead Gaze Pocket	
	Operation Frequency:	2412~2462MHz@802.11b/g/n20 2422~2452 MHz@802.11n40
	Modulation Type:	BPSK/QPSK16-QAM/64-QAM
	Bit Rate of Transmitter	802.11b: 1/2/5.5/11Mbps 802.11g: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 150Mbps
	Number Of Channel	Please see Note 2.
	Antenna Designation:	Please see Note 3.
	Antenna Gain(Peak)	2.62dBi
	Output Power:	802.11b: 15.03dBm 802.11g: 14.92dBm 802.11n20:13.71dBm 802.11n40: 11.89dBm
Channel List	Please refer to the Note 2.	
Power Rating	DC5V from adapter or DC3.8V from battery	
Connecting I/O Port(s)	Please refer to the User's Manual	
Products Covered	N/A	
EUT Modification(s)	N/A	
Model difference	N/A	

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2.

Channel List							
802.11b/ g/ n(20MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	05	2432	09	2452	/	/
02	2417	06	2437	10	2457	/	/
03	2422	07	2442	11	2462	/	/
04	2427	08	2447	/	/	/	/

Channel List							
802.11n(40MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	2422	7	2442	/	/	/	/
4	2427	8	2447	/	/	/	/
5	2432	9	2452	/	/	/	/
6	2437	/	/	/	/	/	/

3.

Table for Filed Antenna

Ant	Manufacture	Model Name	Antenna Type	Connector	Gain (dBi)
1	深圳市博閱科技股份有限公司	K6P	FPCB antenna	N/A	2.62 dBi

2.1.1 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	802.11b: All Rate
Mode 2	802.11g: All Rate
Mode 3	802.11n(20MHz): All Rate
Mode 4	802.11n(40MHz): All Rate
Mode 5	RX

For Conducted Emission	
Final Test Mode	Description
Mode 1	TX(worst case)

For Radiated Emission	
Final Test Mode	Description
Mode 1	802.11b: Rate 1Mbps
Mode 2	802.11g: Rate 6Mbps
Mode 3	802.11n(20MHz) : Rate 6.5Mbps
Mode 4	802.11n(40MHz) : Rate 13.5Mbps
Mode 5	RX(worst case)

Note:

- (1) The measurements are performed at the highest, middle, lowest available channels.
- (2) This product can be powered by adapter, have pretested powered by adapter, found to be the worst case is powered by the adapter, and recorded the data in the report.

2.2 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters.

Power Set		Default	
Test software Version	V2.1.2	Test program:	adb
Frequency	2412 MHz	2437 MHz	2462 MHz
Frequency	2422 MHz	2437 MHz	2452 MHz
Mode		Power setting	
802.11 b/g/n		15	

1. Plug the ebook into the data line to connect to the computer, open the CMD command program;
2. When testing WiFi, you need to turn on the WiFi of the ebook;
3. Enter the following three instructions one by one: “adb root” , “adb shell” , “cd system” .
4. Then according to the content of the need to test, input the corresponding instructions can be tested.

2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

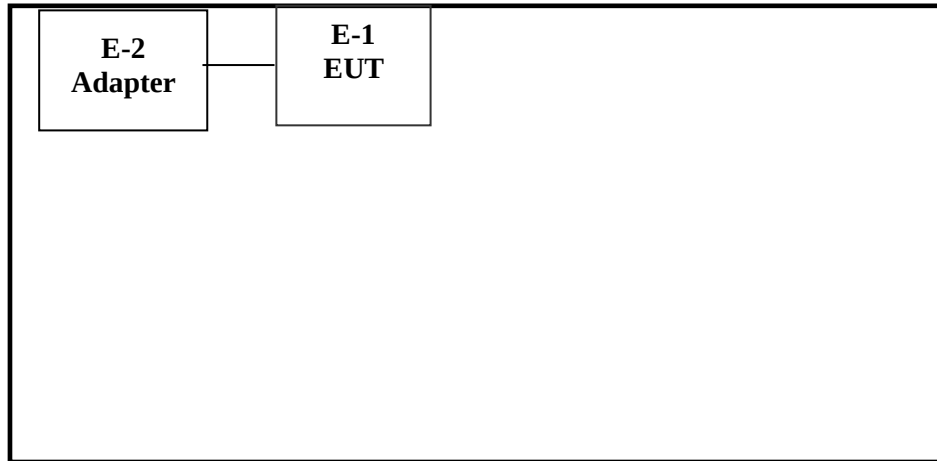
Block diagram of EUT configuration

CONDUCTED EMISSION

Test mode: mode 1

Non-Conductive Table

80 cm above Ground Plane



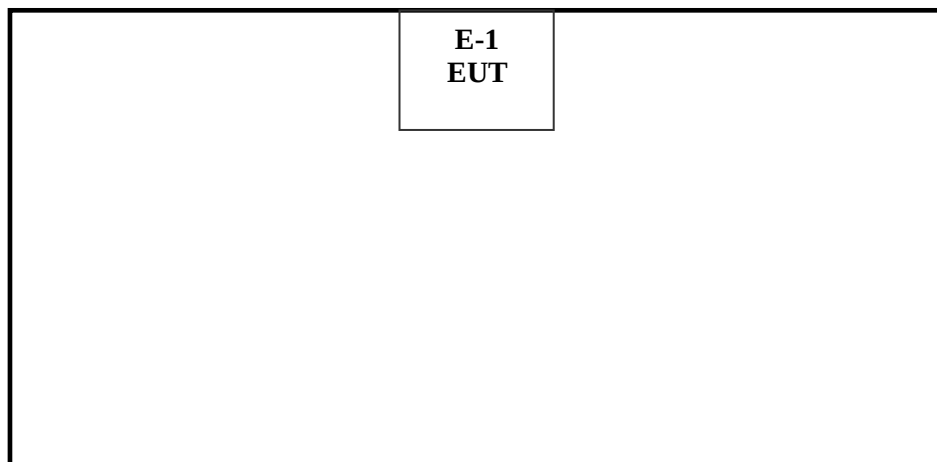
Block diagram of EUT configuration

RADIATED EMISSION

Test mode: mode 1, 2, 3, 4, 5

Non-Conductive Table

80 cm above Ground Plane



2.4 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)

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.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
E-1	HyRead Gaze Pocket	Gaze	R06N	N/A	N/A	EUT
E-2	Adapter	NOKIA	FC0302	N/A	N/A	Test Accessory*

Item	Equipment	Mfr/Brand	Model/Type No.	Note
1	USB Line	HUAWEI	M20	Test Accessory* Line length:1.0m
2	Rechargeable Li-ion Battery	廣東力科新能源有限公司	PT277680	EUT

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (3) “YES” means “shielded” or “with ferrite core”; “NO” means “unshielded” or “without ferrite core”
- (4) “*”:In this report, the applicant did not provide the accompanying accessories with the equipment. The accessories were provided by the laboratory (or the applicant) and inspected simultaneously.

2.4.1 EQUIPMENTS LIST FOR ALL TEST ITEMS

EQUIPMENT TYPE	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	CAL. DATE	CAL. CYCLE
Spectrum Analyzer	Keysight	N9020A	MY53300466	April 29, 2020	1 Year
RF Preselector	Hewlett Packard	85685A	3010A01157	April 29, 2020	1 Year
Quasi-Peak Adapter	Hewlett Packard	85650	2521A00584	April 29, 2020	1 Year
Preamplifier	Com Power	PA-102	1482	April 29, 2020	1 Year
RF Attenuator	Mini-Circuits	CAT-10	Asset #1000	December 08, 2020	1 Year
LISN	Com Power	LI-200	12012	September 09, 2020	1 Year
LISN	Com Power	LI-200	12214	September 09, 2020	1 Year
LISN	Com Power	LI-200	1767	September 09, 2020	1 Year
LISN	Com Power	LI-200	1768	September 09, 2020	1 Year
Biconical Antenna	Com Power	AB-100	01557	December 29, 2020	1 Year
Log Periodic Antenna	Com Power	AL-100	16037	December 22, 2020	1 Year
Horn Antenna	Com Power	AHA-118	711054	December 22, 2020	1 Year
Antenna Mast	Com Power	AM-400	N/A	N/A	N/A
Turntable	Com Power	TT-100	N/A	N/A	N/A
Computer	Dell, Inc.	DHS	DNSV641	N/A	N/A

EMI Test Equipment (Continued)

EQUIPMENT TYPE	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	CAL. DATE	CAL. CYCLE
EMI Receiver	Rohde & Schwarz	ESU40	100127	June 12, 2020	1 Year
BiConiLog Antenna	ETS-Lindgren	3142D	00102183	August 14, 2020	1 Year
Horn Antenna (1GHz-18GHz)	ETS-Lindgren	3117	00109294	May 6, 2020	1 Year
Horn Antenna (15GHz-40GHz)	SCHWARZBECK	BBHA 9170	BBHA9170242	May 6, 2020	1 Year
Preamplifier	Rohde & Schwarz	TS-PR18	100056	June 12, 2020	1 Year
Pre-Amplifier	Agilent	8449B	3008A00409	June 12, 2020	1 Year
Antenna Mast	ETS-Lindgren	2175	00095727	N/A	N/A
Turntable	ETS-Lindgren	2187-3.0	00118231	N/A	N/A
Computer	Acer	Aspire 8930	85100050123	N/A	N/A
Multi-Function Controller	ETS-Lindgren	2090	00102270	N/A	N/A
Loop Antenna	ARA	PLA-1030/B	1029	May 19, 2020	1 Year

3. ON TIME, DUTY CYCLE AND MEASUREMENT METHODS

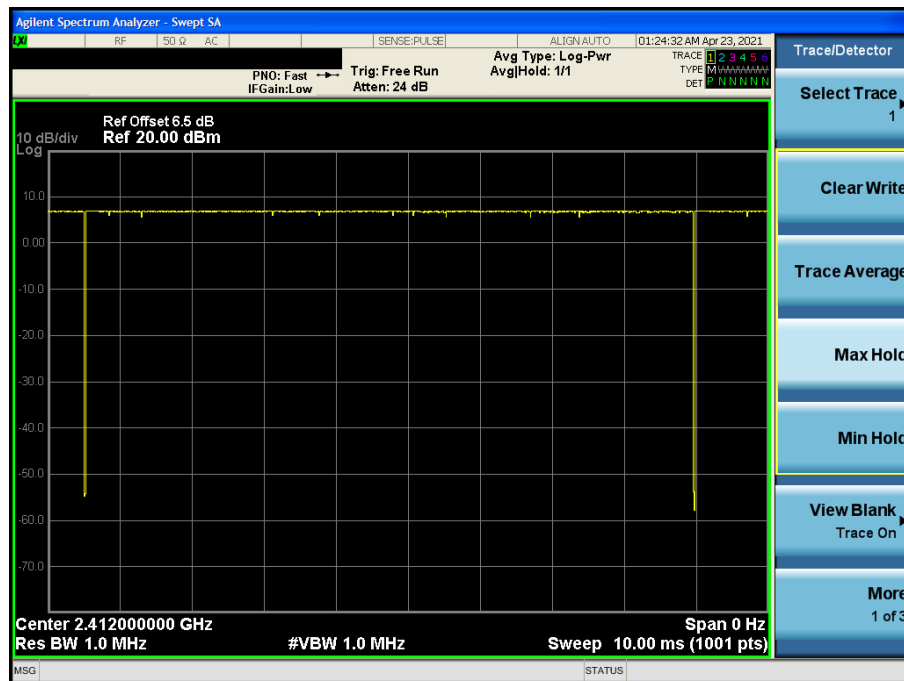
3.1 LIMITS

None; for reporting purposes only.

3.2 ON TIME AND DUTY CYCLE RESULTS

Mode	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	10log(1/x)Duty Cycle Correction Factor (dB)	1/B Minimum VBW (kHz)
802.11B	/	/	≥ 0.98	$\geq 98\%$	/	/
802.11G	1.382	1.434	0.964	96.37%	0.160	0.72
802.11N20(MHz)	1.296	1.348	0.961	96.14%	0.171	0.77
802.11N40(MHz)	0.647	0.689	0.939	93.90%	0.273	1.55

802.11B



[illegible]

Agilent Spectrum Analyzer - Swept SA

Marker 2 Δ 1.34800 ms

Ref Offset 6.5 dB
Ref 20.00 dBm

Δ Mkr2 1.348 ms
0.157 dB

Center 2.412000000 GHz
Res BW 1.0 MHz
Sweep 2.000 ms (1001 pts)

Span 0 Hz

Trig: Free Run
Atten: 24 dB

PNO: Fast
IFGain: Low

Avg Type: Log-Pwr
AvgHold: 1/1

Trace 1 2 3 4 5 6
TYPE M N H W W W W W
DET M N H W W W W W

Mkr	Mode	TRC	SL		X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t		492.0 us	2.420 dBm			
2	Δ 3	1	t	(Δ)	1.348 ms (Δ)	0.157 dB			
3	F	1	t		440.0 us	3.199 dBm			
4									
5									
6									
7									
8									
9									
10									
11									

MSG

STATUS

Trace/Detector

Select Trace

Clear Write

Trace Average

Max Hold

Min Hold

View Blank Trace On

More 1 of 3

[illegible]

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150kHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)		Standard
	Quasi-peak	Average	Quasi-peak	Average	
0.15 -0.5			66 - 56 *	56 - 46 *	CISPR
0.50 -5.0			56.00	46.00	CISPR
5.0 -30.0			60.00	50.00	CISPR

0.15 -0.5			66 - 56 *	56 - 46 *	LP0002
0.50 -5.0			56.00	46.00	LP0002
5.0 -30.0			60.00	50.00	LP0002

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

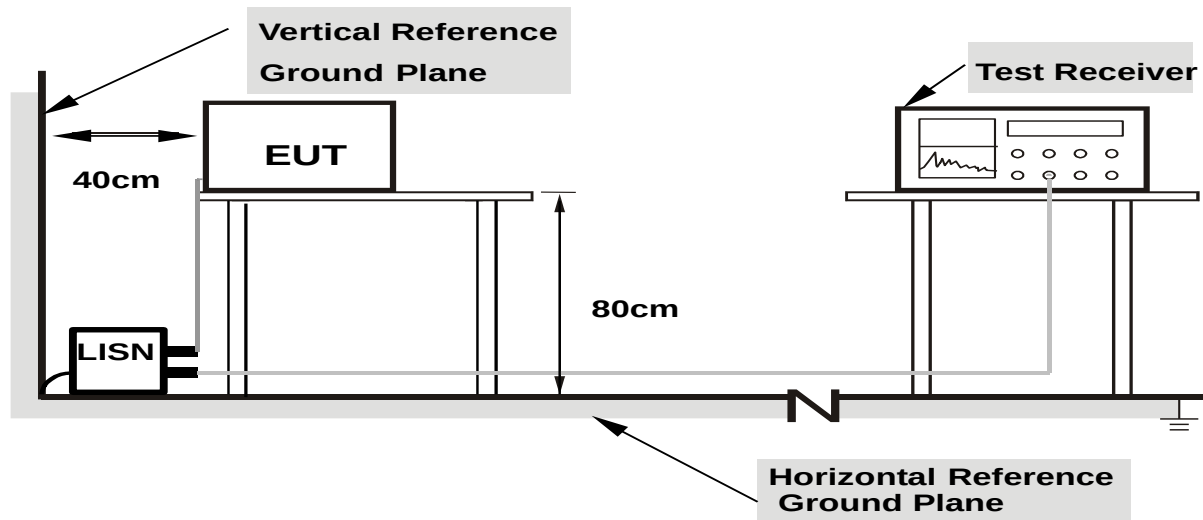
4.1.2 TEST PROCEDURE

- The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP

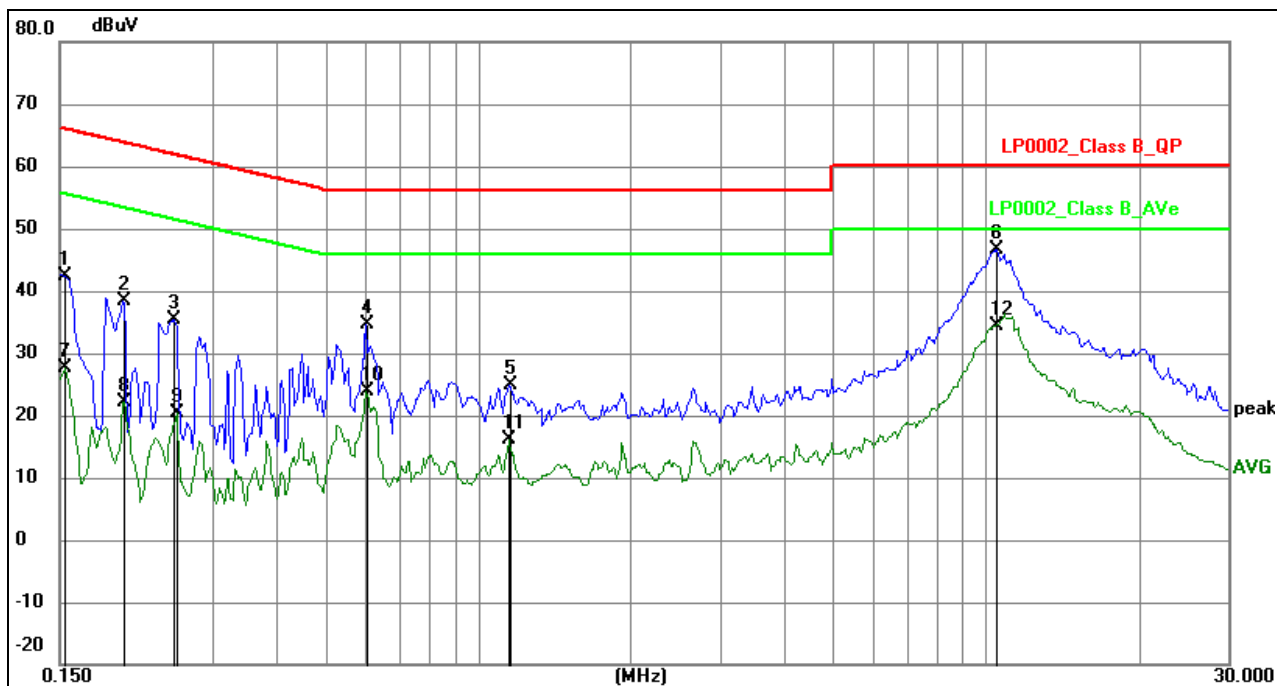


Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

4.1.5 TEST RESULTS

EUT :	HyRead Gaze Pocket	Model Name. :	R06N
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Test Date :	2021-04-16
Test Mode :	TX(worst case)	Phase :	L
Test Voltage :	AC 110V/60Hz for Adapter		



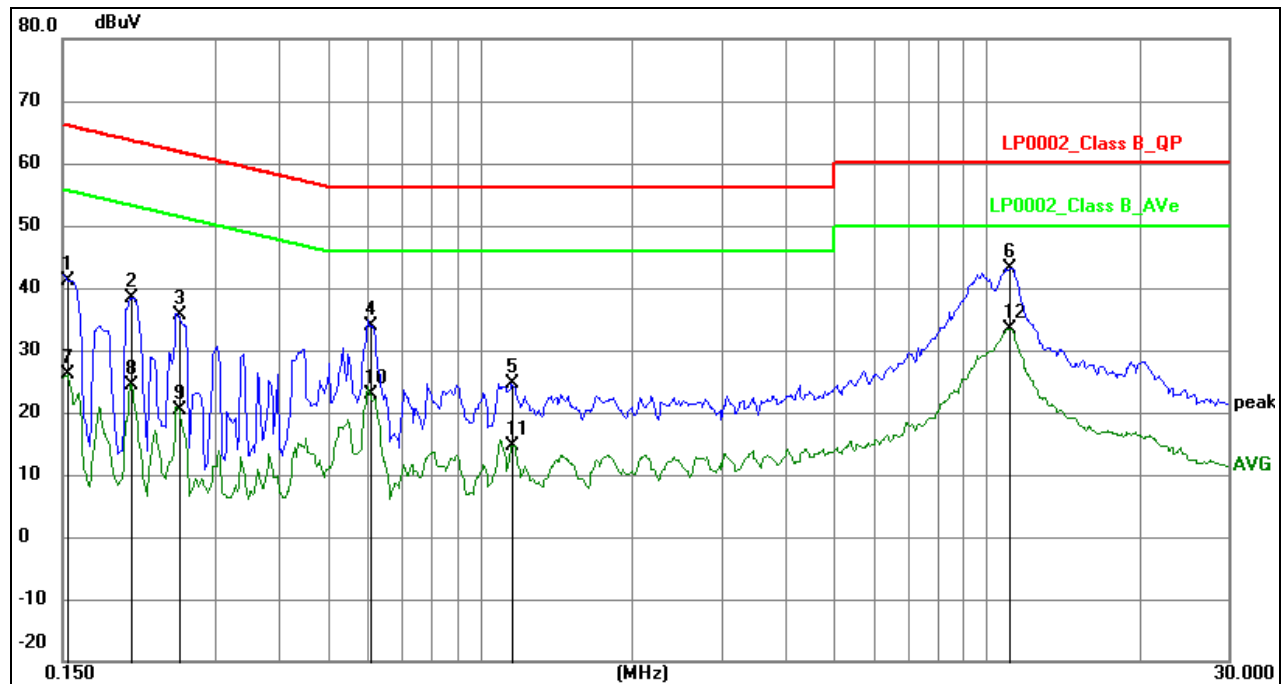
Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = LISN factor + Cable Loss + Pulse limiter.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1539	32.67	9.78	42.45	65.79	-23.34	peak	P
2	0.2007	28.64	9.75	38.39	63.58	-25.19	peak	P
3	0.2514	25.72	9.75	35.47	61.71	-26.24	peak	P
4	0.6023	24.97	9.78	34.75	56.00	-21.25	peak	P
5	1.1562	15.08	9.79	24.87	56.00	-31.13	peak	P
6	10.5036	36.52	10.18	46.70	60.00	-13.30	peak	P
7	0.1539	17.88	9.78	27.66	55.79	-28.13	AVG	P
8	0.2007	12.41	9.75	22.16	53.58	-31.42	AVG	P
9	0.2553	10.55	9.75	20.30	51.58	-31.28	AVG	P
10	0.6023	13.98	9.78	23.76	46.00	-22.24	AVG	P
11	1.1523	6.28	9.79	16.07	46.00	-29.93	AVG	P
12	10.5036	24.32	10.18	34.50	50.00	-15.50	AVG	P

EUT :	HyRead Gaze Pocket	Model Name. :	R06N
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Test Date :	2021-04-16

Test Mode :	TX(worst case)	Phase :	N
Test Voltage :	AC 110V/60Hz for Adapter		



Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = LISN factor + Cable Loss + Pulse limiter.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1539	31.25	9.78	41.03	65.79	-24.76	peak	P
2	0.2046	28.56	9.75	38.31	63.42	-25.11	peak	P
3	0.2535	25.80	9.75	35.55	61.64	-26.09	peak	P
4	0.6063	24.18	9.78	33.96	56.00	-22.04	peak	P
5	1.1562	14.84	9.79	24.63	56.00	-31.37	peak	P
6	11.0797	32.80	10.21	43.01	60.00	-16.99	peak	P
7	0.1539	16.31	9.78	26.09	55.79	-29.70	AVG	P
8	0.2050	14.53	9.75	24.28	53.41	-29.13	AVG	P
9	0.2553	10.66	9.75	20.41	51.58	-31.17	AVG	P
10	0.6075	13.03	9.78	22.81	46.00	-23.19	AVG	P
11	1.1595	4.83	9.79	14.62	46.00	-31.38	AVG	P
12	11.0797	23.23	10.21	33.44	50.00	-16.56	AVG	P

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 3.5, then the 3.6 limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/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

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Class B (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to LP0002.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

FREQUENCY RANGE OF RADIATED MEASUREMENT (For unintentional radiators)

Frequency measurement range:

1 The spectrum shall be measured from the lowest radio frequency signal generated in the device (without going below 9 kHz), and the upper limit of the measurement range shall be decided according to the maximum operating frequency.

1.1 Maximum operating frequency less than 10 GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.

1.2 Maximum operating frequency between 10 GHz~30 GHz: to the fifth harmonic of the highest fundamental frequency or to 100 GHz, whichever is lower.

1.3 Maximum operating frequency over 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 200 GHz, whichever is lower.

2 Particular attention should be paid to harmonics and subharmonics of the carrier frequency as well as to those frequencies removed from the carrier by multiples of the oscillator frequency. Radiation at the frequencies of multiplier stages should also be checked.

Spectrum Parameter		Setting	
Attenuation		Auto	
Start Frequency		1000 MHz	
Stop Frequency		10th carrier harmonic	
Measurement	Duty cycle	RBW	Video BW
PK	Any	1MHz	3MHz
AV	$\geq 98\%$	1MHz	10Hz
	$< 98\%$	1MHz	1/T

KDB 558074 Zero-Span Spectrum Analyzer Method

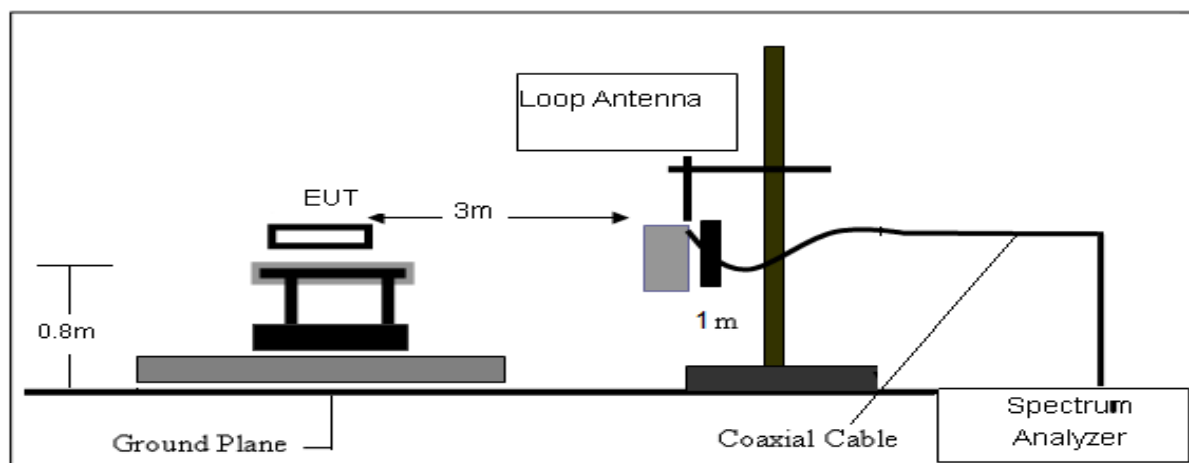
Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

4.2.2 TEST PROCEDURE

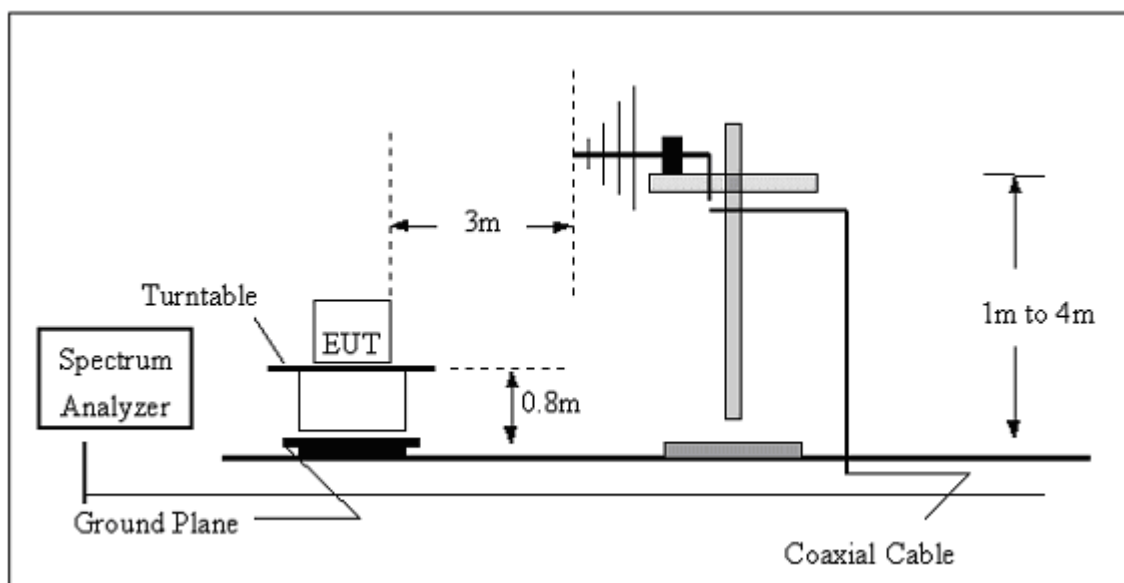
- The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 TEST SETUP

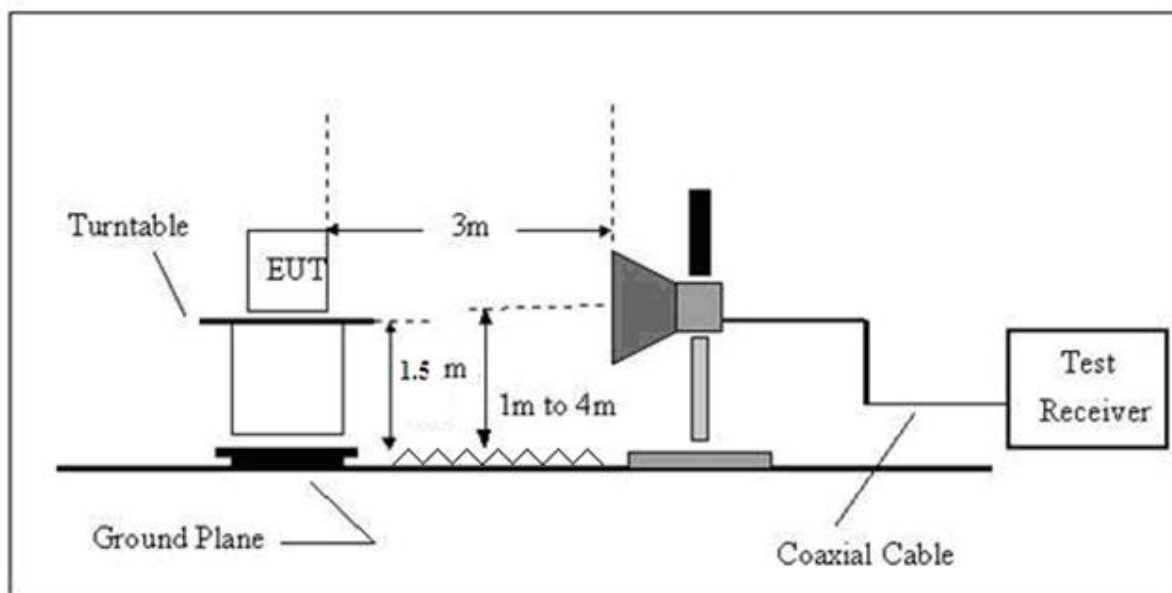
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



4.2.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

4.2.5 TEST RESULTS

Between 9KHz – 30 MHz

EUT :	HyRead Gaze Pocket	Model Name. :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX	Polarization :	--

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	N/A
--	--	--	--	N/A

NOTE:

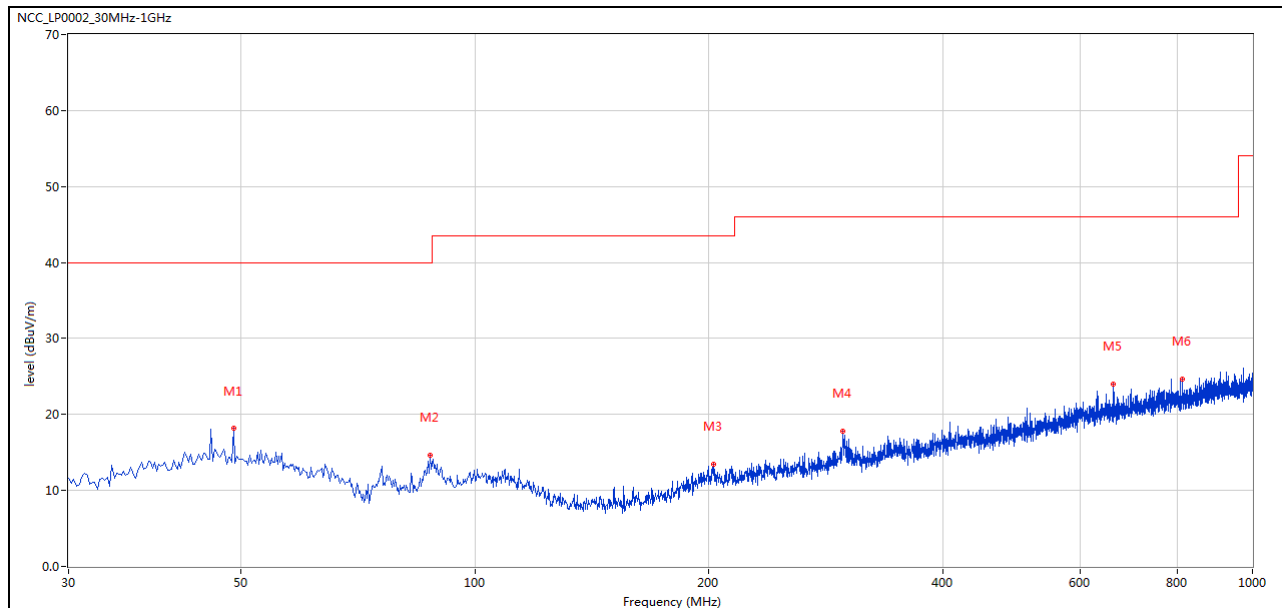
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor = $40 \log (\text{specific distance/test distance})$ (dB);

Limit line = specific limits(dBuv) + distance extrapolation factor.

BETWEEN30 – 1000 MHZ

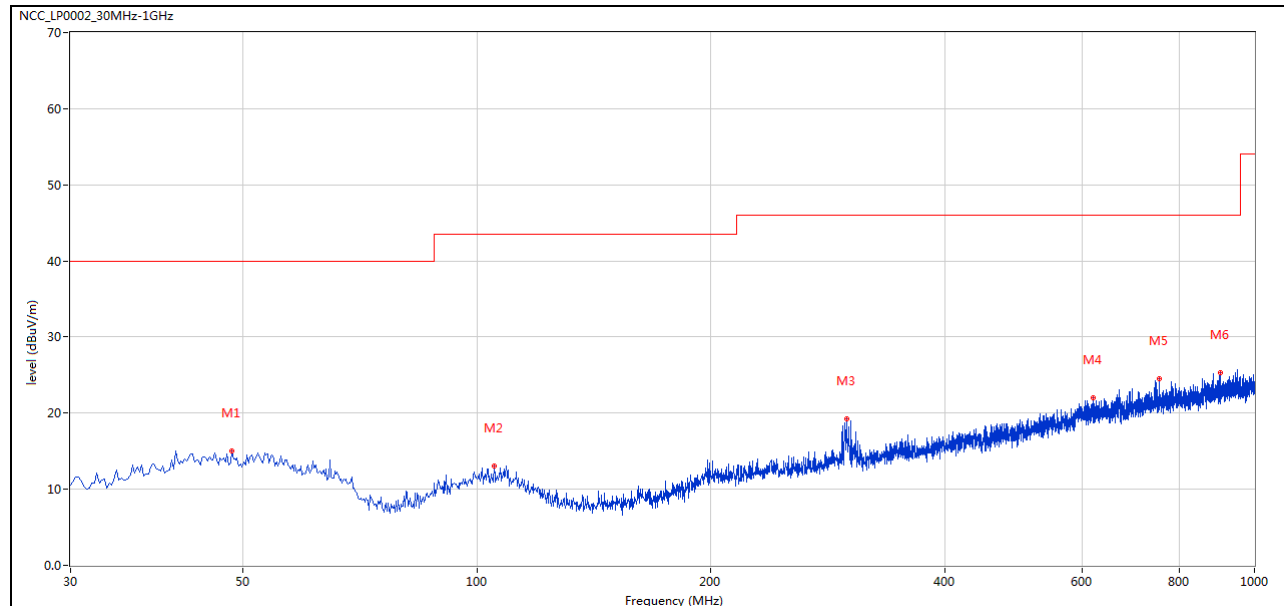
EUT :	HyRead Gaze Pocket	Model Name. :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX 802.11b :Rate 1Mbps (worst case)	Polarization :	Vertical
Test Power :	DC3.8V from battery		



Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	ANT	Verdict
1	48.910	18.13	-11.21	40.0	-21.87	Peak	Vertical	Pass
2	87.458	14.67	-15.72	40.0	-25.33	Peak	Vertical	Pass
3	202.859	13.43	-13.42	43.5	-30.07	Peak	Vertical	Pass
4	297.168	17.79	-11.09	46.0	-28.21	Peak	Vertical	Pass
5	662.282	24.05	-4.56	46.0	-21.95	Peak	Vertical	Pass
6	812.594	24.61	-2.94	46.0	-21.39	Peak	Vertical	Pass

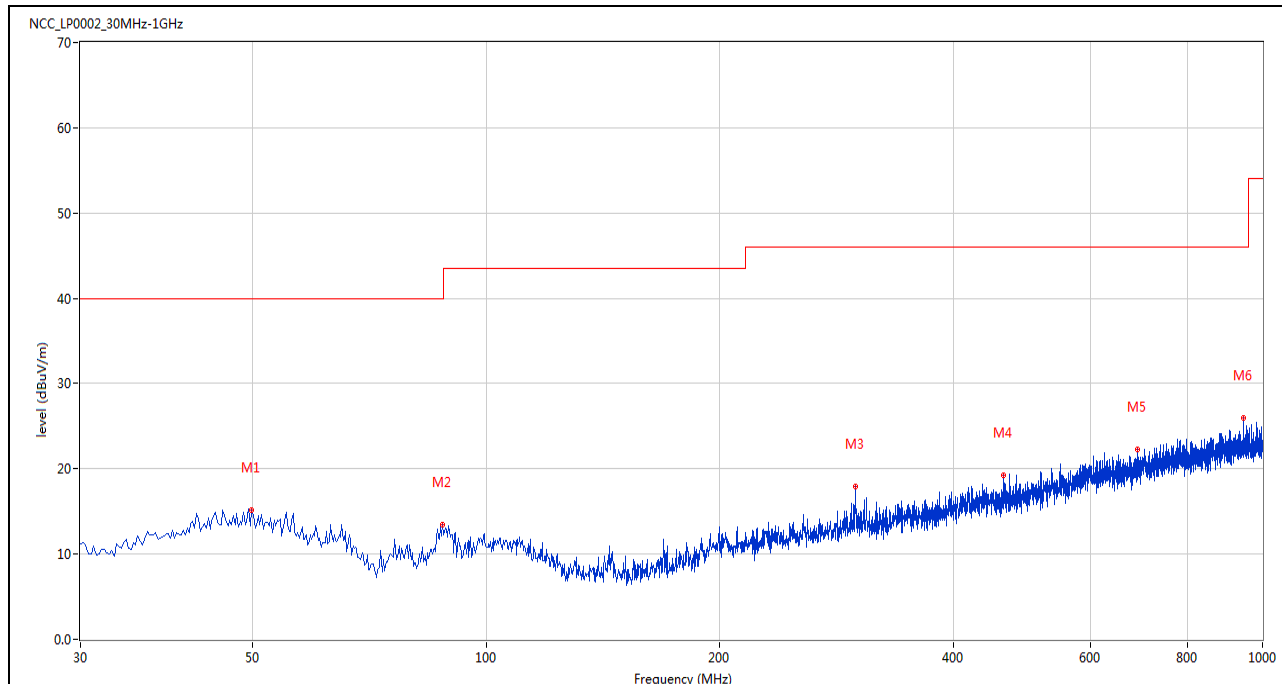
EUT :	HyRead Gaze Pocket	Model Name. :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX 802.11b :Rate 1Mbps (worst case)	Polarization :	Horizontal
Test Power :	DC3.8V from battery		



Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	ANT	Verdict
1	48.425	15.09	-11.22	40.0	-24.91	Peak	Horizontal	Pass
2	105.156	13.09	-13.23	43.5	-30.41	Peak	Horizontal	Pass
3	299.108	19.31	-11.08	46.0	-26.69	Peak	Horizontal	Pass
4	620.340	22.05	-4.88	46.0	-23.95	Peak	Horizontal	Pass
5	753.682	24.47	-3.40	46.0	-21.53	Peak	Horizontal	Pass
6	904.721	25.33	-1.82	46.0	-20.67	Peak	Horizontal	Pass

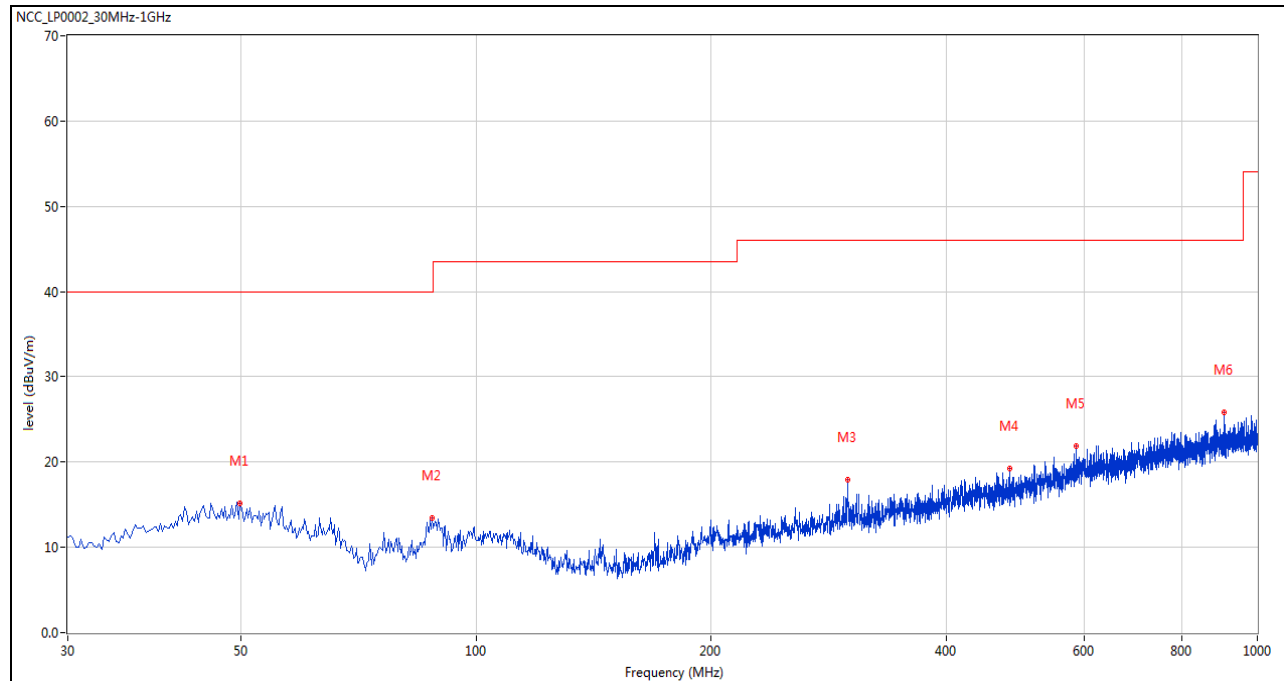
EUT :	HyRead Gaze Pocket	Model Name. :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	RX	Polarization :	Vertical
Test Power :	DC3.8V from battery		



Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	ANT	Verdict
1	49.880	15.22	-11.36	40.0	-24.78	Peak	Vertical	Pass
2	87.701	13.40	-15.67	40.0	-26.60	Peak	Vertical	Pass
3	299.108	17.92	-11.08	46.0	-28.08	Peak	Vertical	Pass
4	463.967	19.29	-7.75	46.0	-26.71	Peak	Vertical	Pass
5	689.193	22.23	-4.21	46.0	-23.77	Peak	Vertical	Pass
6	946.178	26.03	-1.60	46.0	-19.97	Peak	Vertical	Pass

EUT :	HyRead Gaze Pocket	Model Name. :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	RX	Polarization :	Horizontal
Test Power :	DC3.8V from battery		



Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

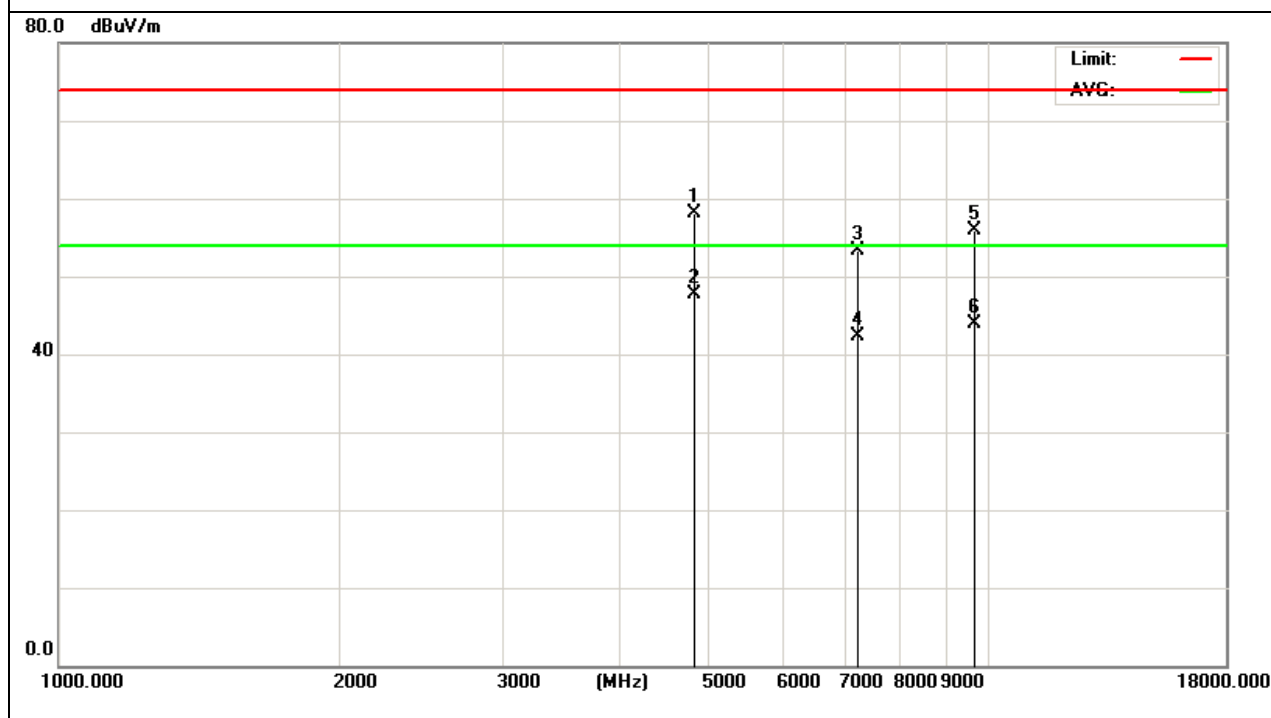
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	ANT	Verdict
1	49.880	15.22	-11.36	40.0	-24.78	Peak	Horizontal	Pass
2	87.701	13.40	-15.67	40.0	-26.60	Peak	Horizontal	Pass
3	299.108	17.92	-11.08	46.0	-28.08	Peak	Horizontal	Pass
4	482.149	19.29	-7.35	46.0	-26.71	Peak	Horizontal	Pass
5	586.398	21.92	-5.53	46.0	-24.08	Peak	Horizontal	Pass
6	906.661	25.79	-1.74	46.0	-20.21	Peak	Horizontal	Pass

4.2.6 TEST RESULTS (ABOVE 1000 MHZ)

EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH01 (802.11b :Rate 1Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
4824.0000	52.97	5.08	58.05	74.00	-15.95	peak
4824.0000	42.65	5.08	47.73	54.00	-6.27	AVG
7236.0000	46.23	7.16	53.39	74.00	-20.61	peak
7236.0000	35.10	7.16	42.26	54.00	-11.74	AVG
9648.0000	45.02	10.82	55.84	74.00	-18.16	peak
9648.0000	33.11	10.82	43.93	54.00	-10.07	AVG

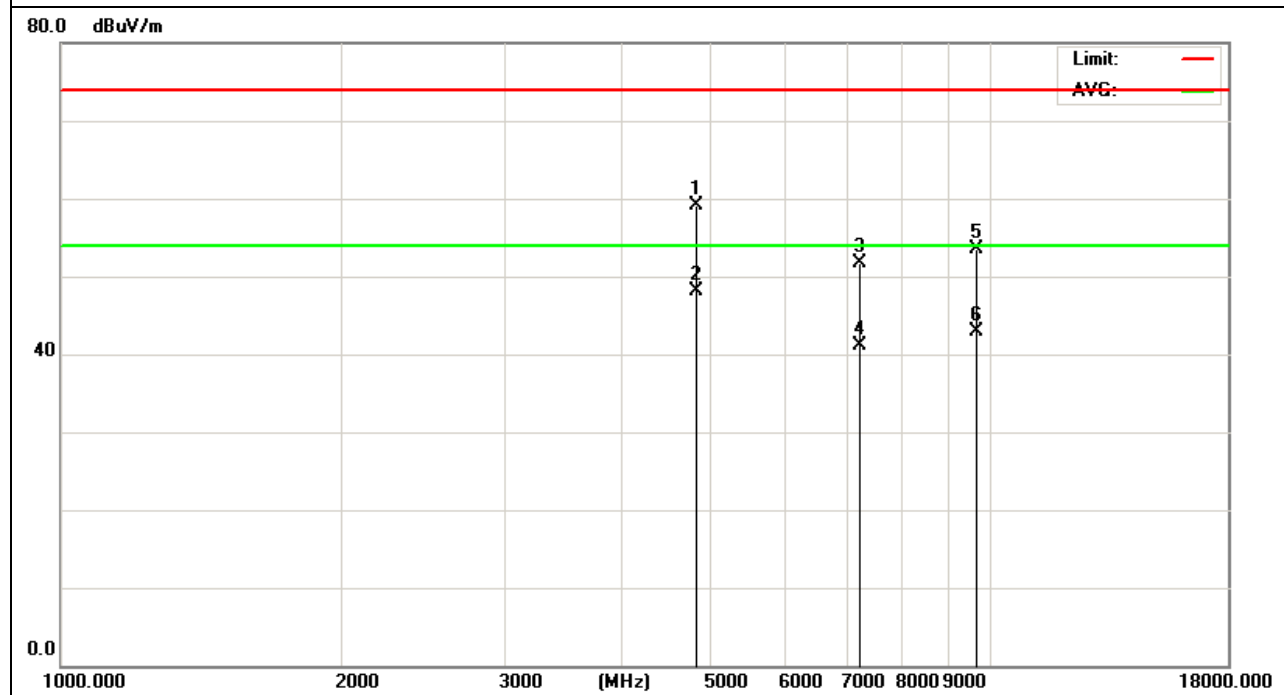
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH01 (802.11b :Rate 1Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4824.000	53.94	5.08	59.02	74.00	-14.98	peak
4824.000	43.08	5.08	48.16	54.00	-5.84	AVG
7236.000	44.56	7.16	51.72	74.00	-22.28	peak
7236.000	34.02	7.16	41.18	54.00	-12.82	AVG
9648.000	42.74	10.82	53.56	74.00	-20.44	peak
9648.000	32.11	10.82	42.93	54.00	-11.07	AVG

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH01 (802.11b :Rate 1Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
19658.000	39.16	16.53	55.69	74.00	-18.31	peak
19658.000	30.21	16.53	46.74	54.00	-7.26	AVG

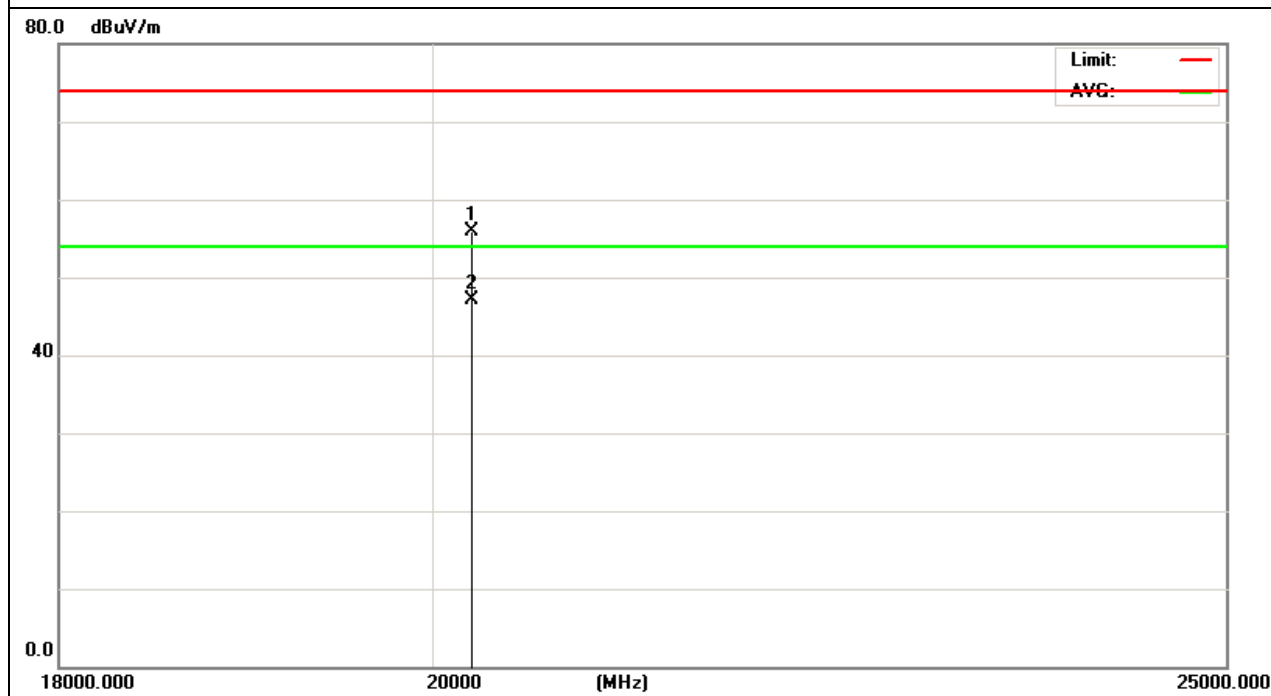
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH01 (802.11b :Rate 1Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
20222.000	39.31	16.64	55.95	74.00	-18.05	peak
20222.000	30.43	16.64	47.07	54.00	-6.93	AVG

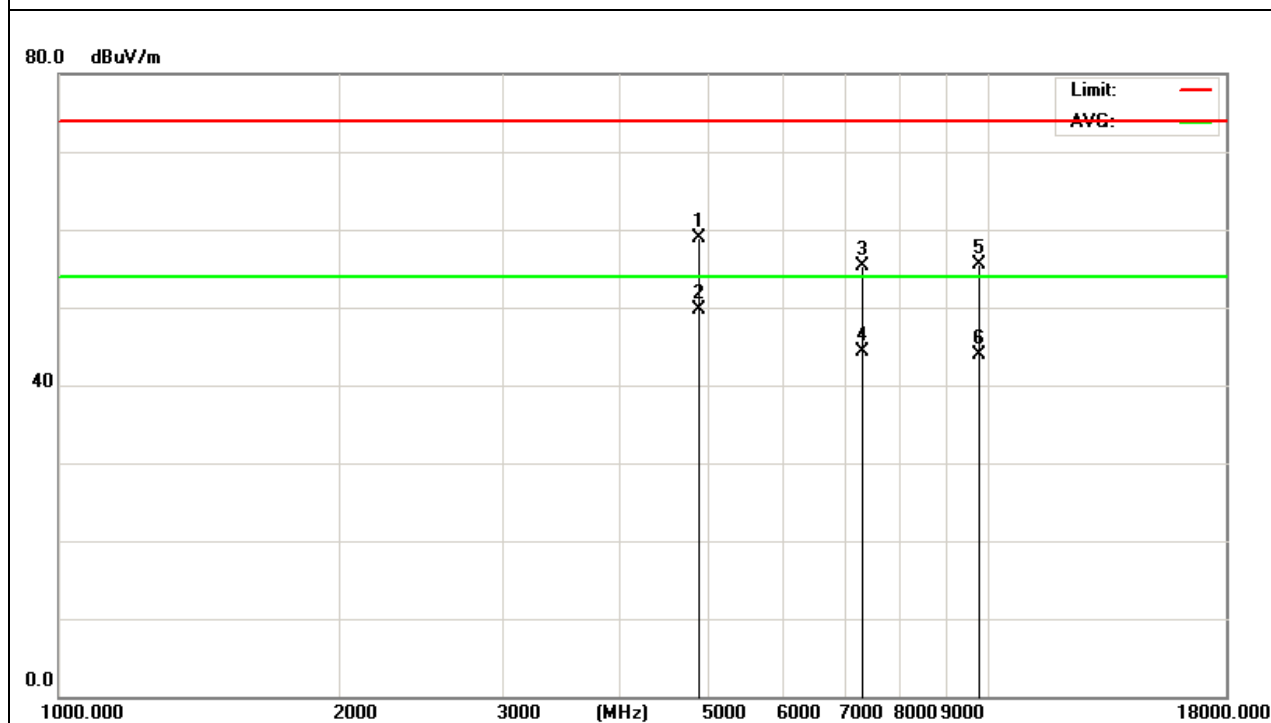
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH06 (802.11b :Rate 1Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4874.0000	53.77	5.13	58.90	74.00	-15.10	peak
4874.0000	44.54	5.13	49.67	54.00	-4.33	AVG
7311.0000	47.76	7.49	55.25	74.00	-18.75	peak
7311.0000	36.80	7.49	44.29	54.00	-9.71	AVG
9748.0000	44.25	11.30	55.55	74.00	-18.45	peak
9748.0000	32.65	11.30	43.95	54.00	-10.05	AVG

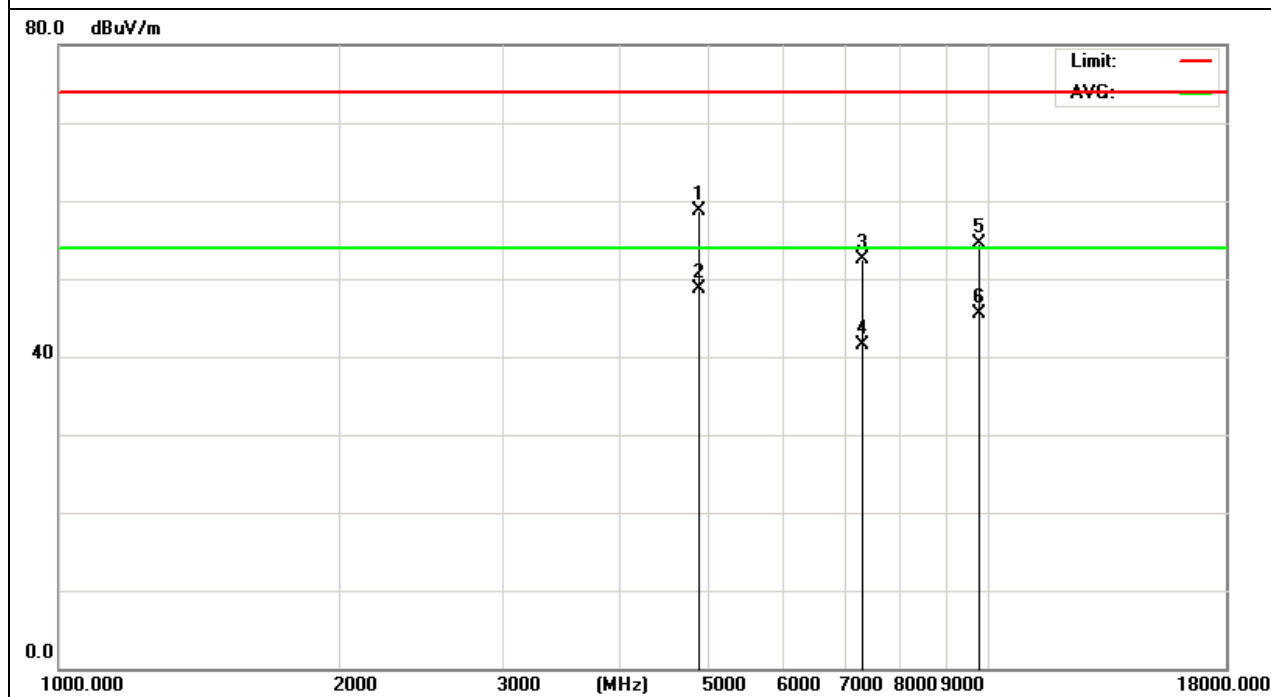
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH06 (802.11b :Rate 1Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
4874.0000	53.64	5.13	58.77	74.00	-15.23	peak
4874.0000	43.55	5.13	48.68	54.00	-5.32	AVG
7311.0000	45.07	7.49	52.56	74.00	-21.44	peak
7311.0000	34.09	7.49	41.58	54.00	-12.42	AVG
9748.0000	43.11	11.30	54.41	74.00	-19.59	peak
9748.0000	34.28	11.30	45.58	54.00	-8.42	AVG

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

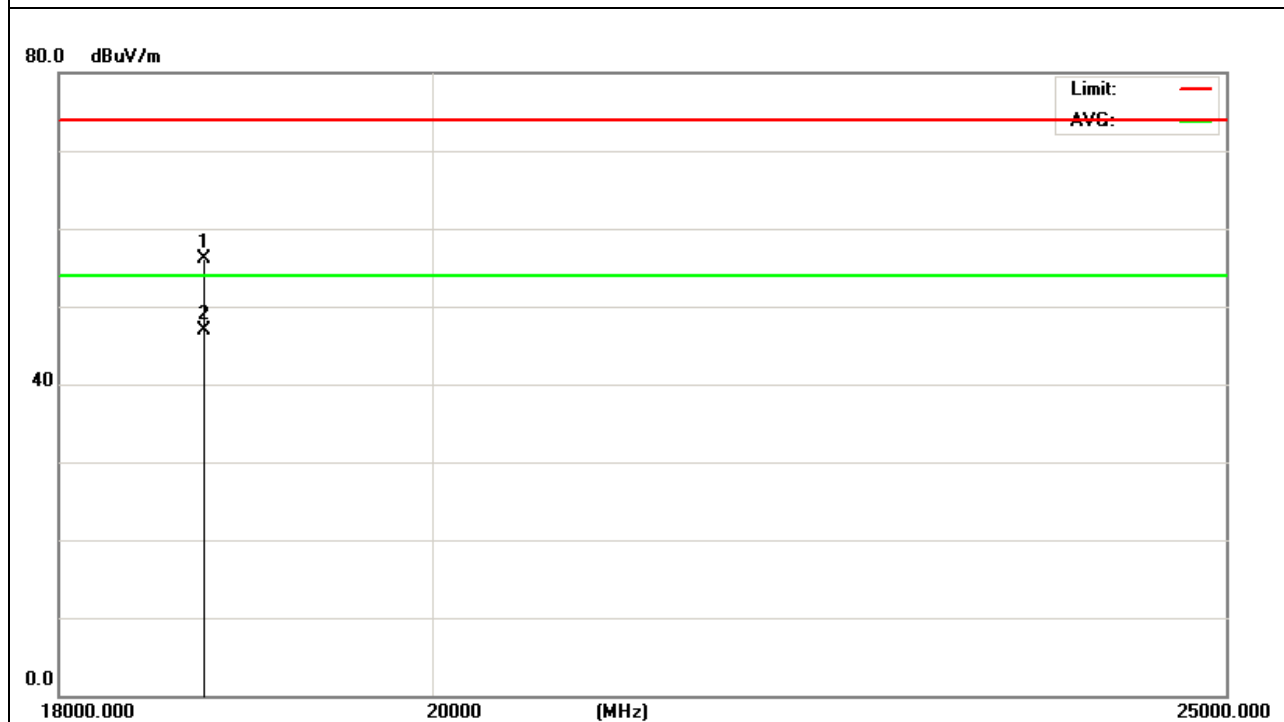


EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%

Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH06 (802.11b :Rate 1Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
18746.000	39.96	16.15	56.11	74.00	-17.89	peak
18746.000	30.73	16.15	46.88	54.00	-7.12	AVG

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

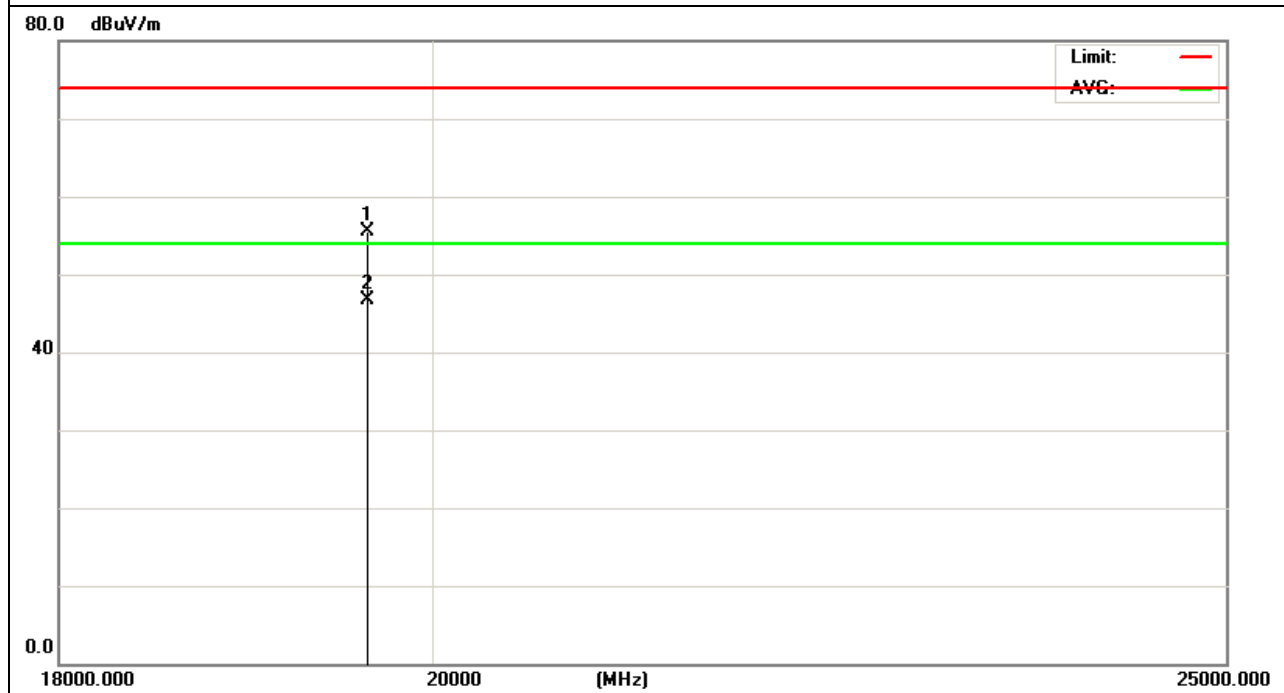


EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%

Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH06 (802.11b :Rate 1Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
19632.000	38.97	16.53	55.50	74.00	-18.50	peak
19632.000	30.23	16.53	46.76	54.00	-7.24	AVG

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

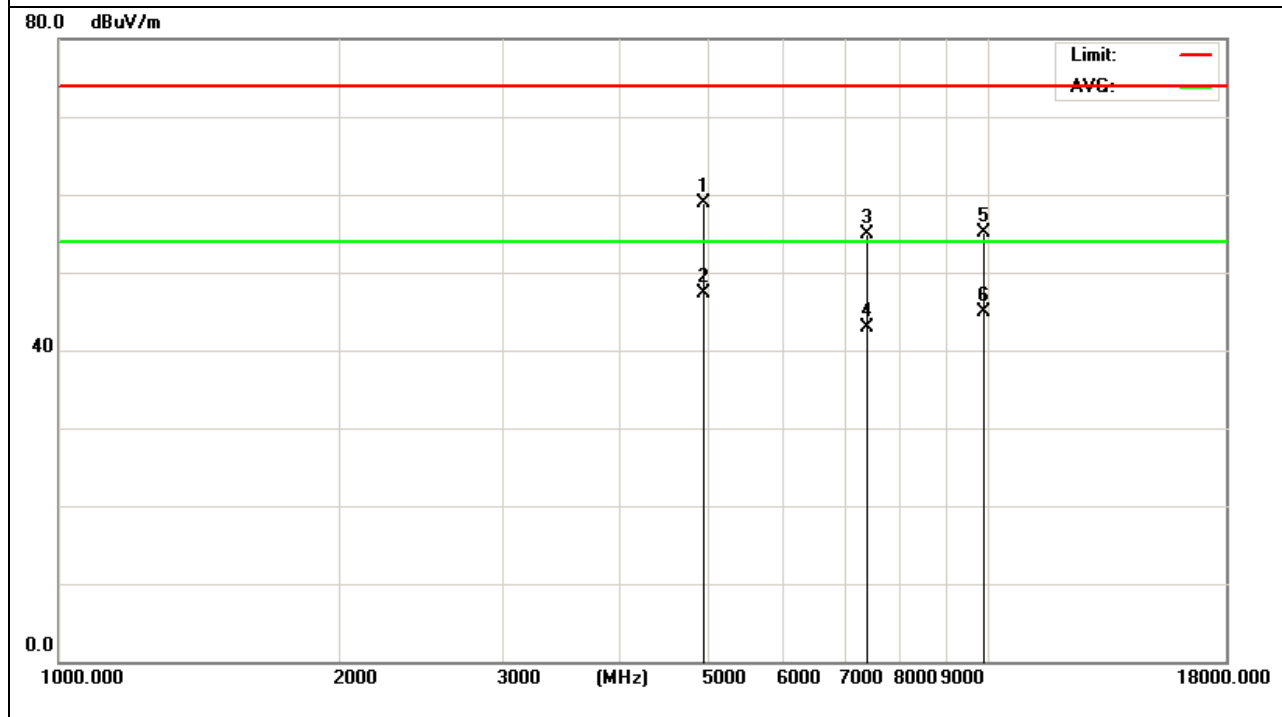


EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%

Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH11 (802.11b :Rate 1Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4924.0000	53.79	5.18	58.97	74.00	-15.03	peak
4924.0000	42.20	5.18	47.38	54.00	-6.62	AVG
7386.0000	47.08	7.82	54.90	74.00	-19.10	peak
7386.0000	35.14	7.82	42.96	54.00	-11.04	AVG
9848.0000	43.26	11.79	55.05	74.00	-18.95	peak
9848.0000	33.20	11.79	44.99	54.00	-9.01	AVG

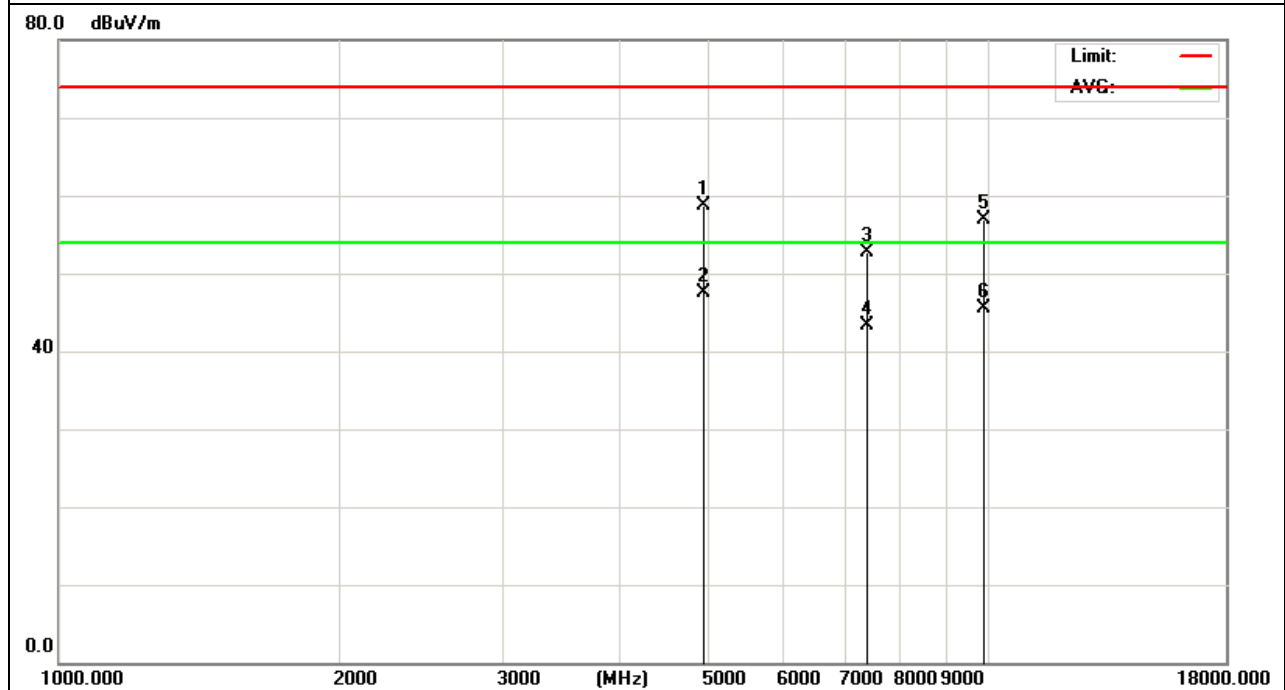
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH11 (802.11b :Rate 1Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4924.0000	53.52	5.18	58.70	74.00	-15.30	peak
4924.0000	42.26	5.18	47.44	54.00	-6.56	AVG
7386.0000	44.83	7.82	52.65	74.00	-21.35	peak
7386.0000	35.44	7.82	43.26	54.00	-10.74	AVG
9848.0000	45.06	11.79	56.85	74.00	-17.15	peak
9848.0000	33.72	11.79	45.51	54.00	-8.49	AVG

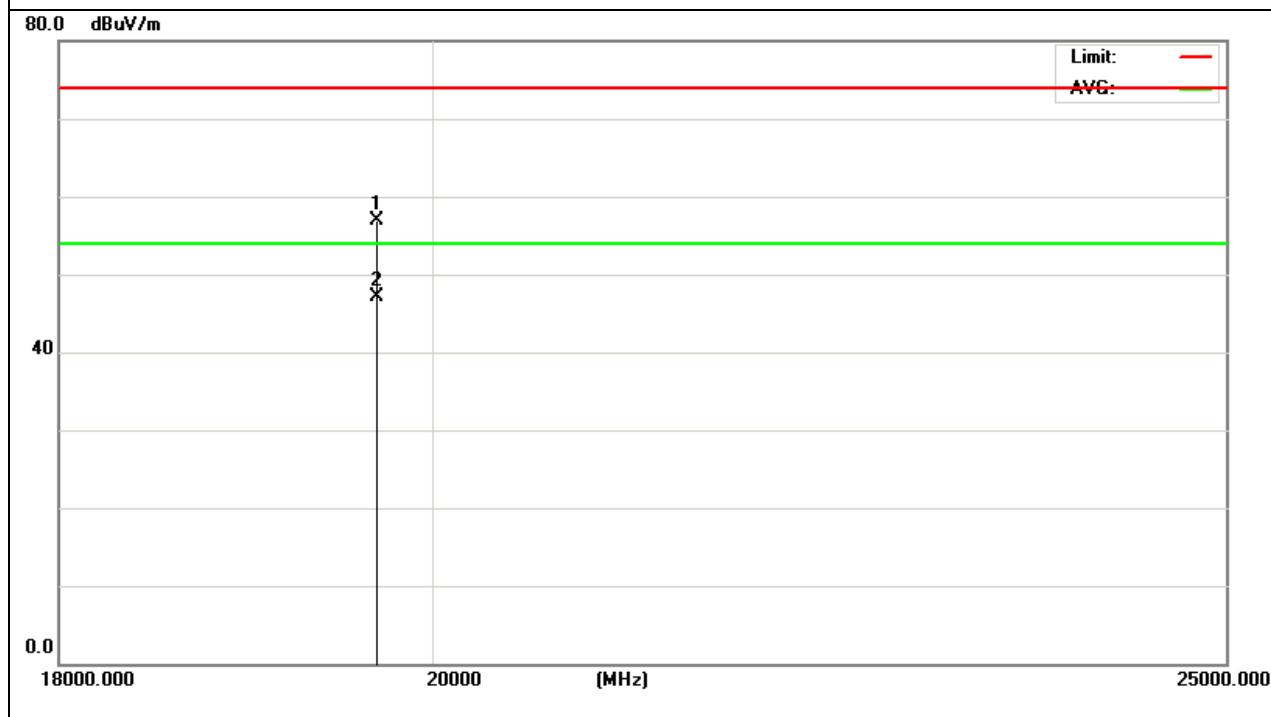
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH11 (802.11b :Rate 1Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
19693.000	40.44	16.55	56.99	74.00	-17.01	peak
19693.000	30.56	16.55	47.11	54.00	-6.89	AVG

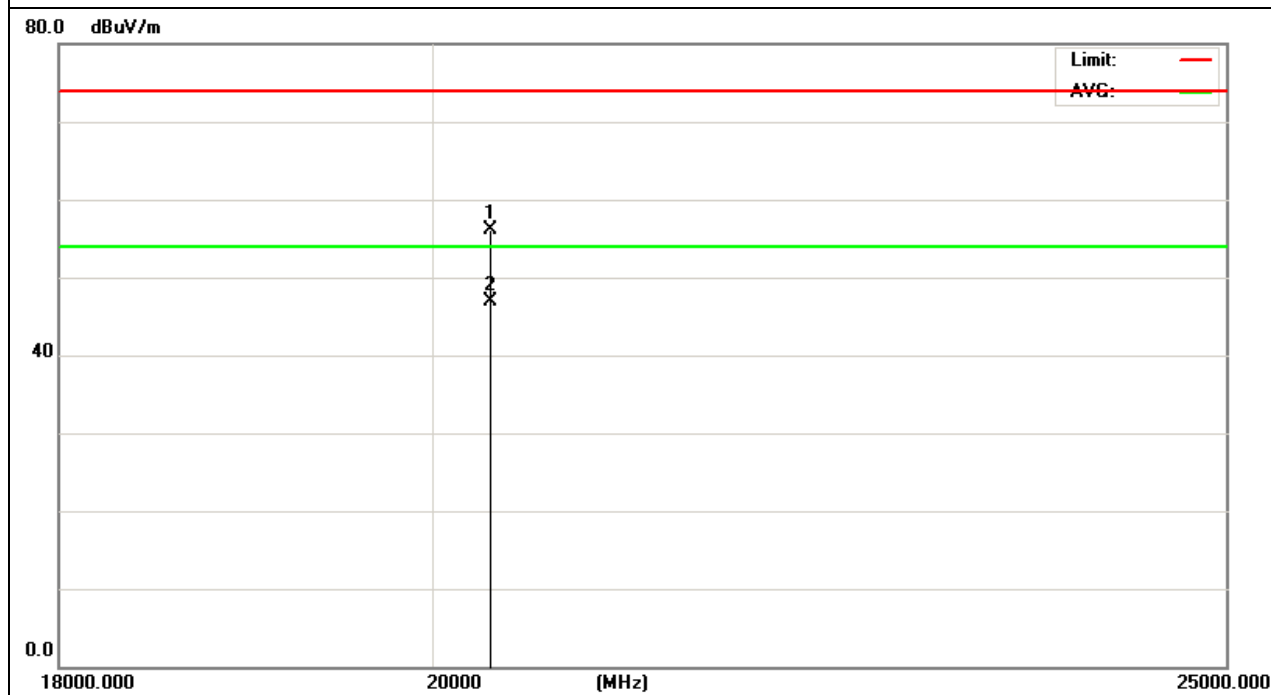
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH11 (802.11b :Rate 1Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
20331.000	39.50	16.67	56.17	74.00	-17.83	peak
20331.000	30.24	16.67	46.91	54.00	-7.09	AVG

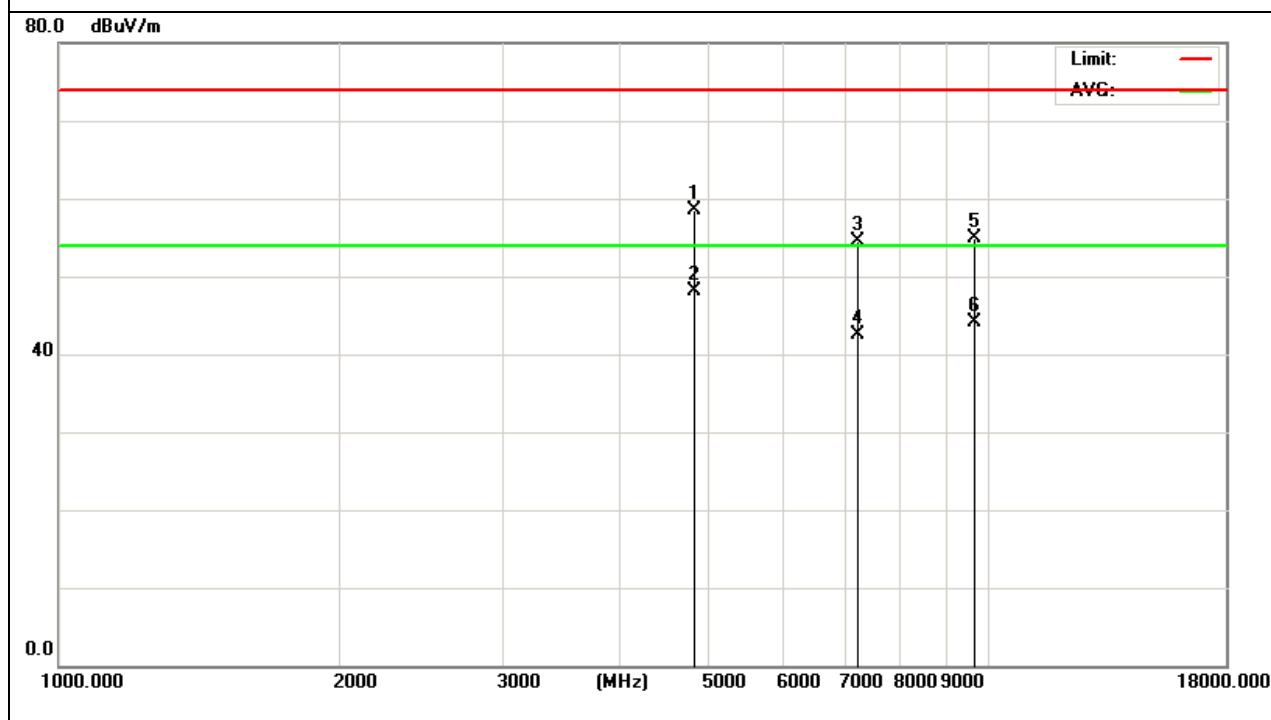
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH01 (802.11g: Rate 6Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4824.0000	53.50	5.08	58.58	74.00	-15.42	peak
4824.0000	43.11	5.08	48.19	54.00	-5.81	AVG
7236.0000	47.26	7.16	54.42	74.00	-19.58	peak
7236.0000	35.43	7.16	42.59	54.00	-11.41	AVG
9648.0000	44.09	10.82	54.91	74.00	-19.09	peak
9648.0000	33.29	10.82	44.11	54.00	-9.89	AVG

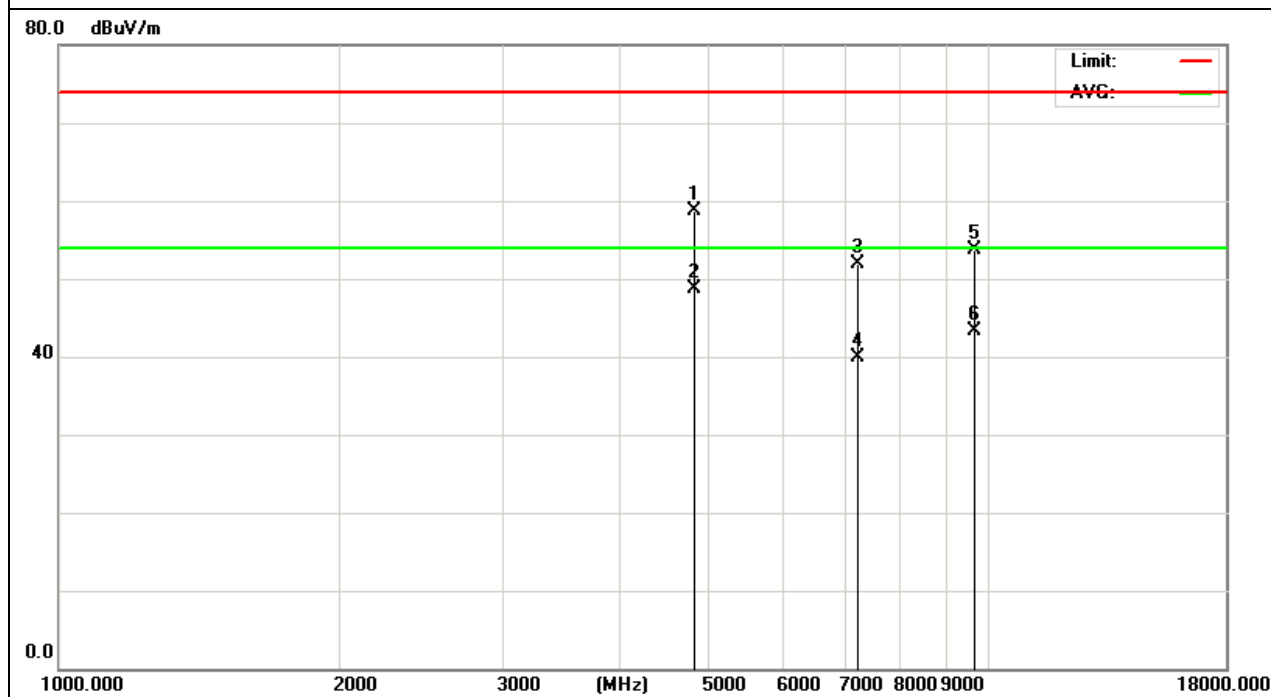
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH01 (802.11g: Rate 6Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
4824.0000	53.69	5.08	58.77	74.00	-15.23	peak
4824.0000	43.56	5.08	48.64	54.00	-5.36	AVG
7236.0000	44.73	7.16	51.89	74.00	-22.11	peak
7236.0000	32.68	7.16	39.84	54.00	-14.16	AVG
9648.0000	42.86	10.82	53.68	74.00	-20.32	peak
9648.0000	32.54	10.82	43.36	54.00	-10.64	AVG

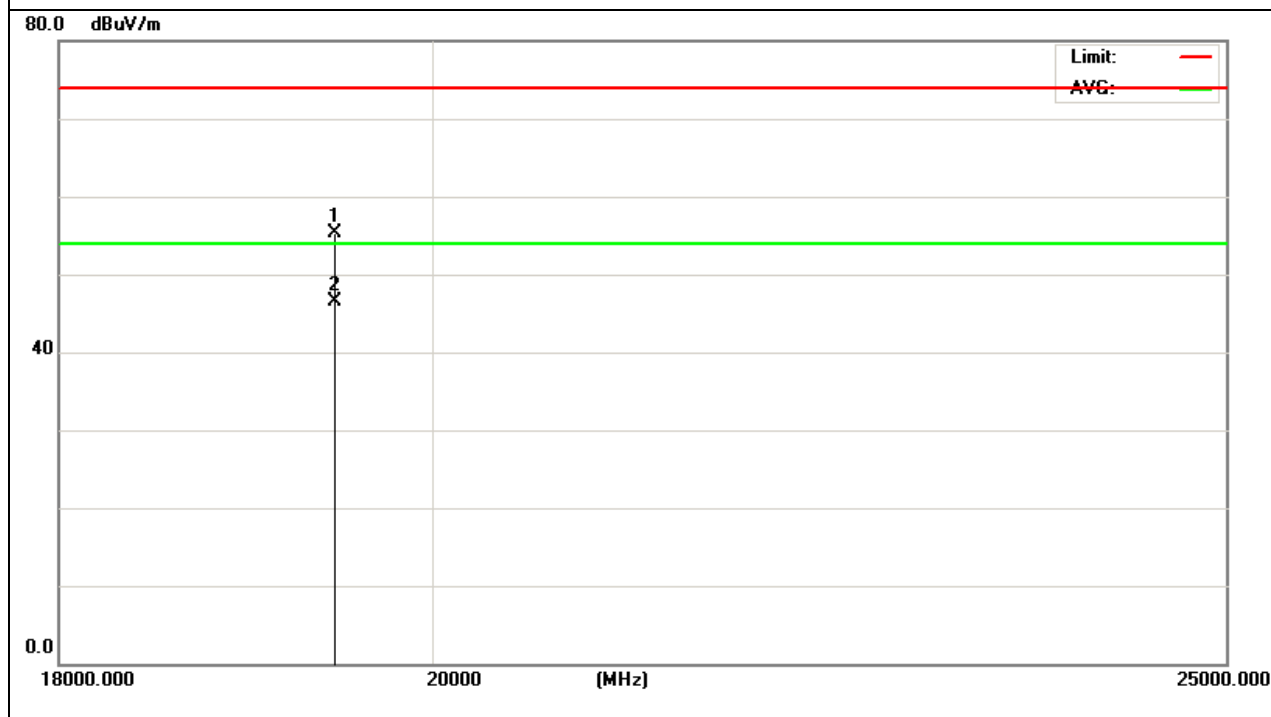
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH01 (802.11g: Rate 6Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
19458.000	38.74	16.50	55.24	74.00	-18.76	peak
19458.000	30.10	16.50	46.60	54.00	-7.40	AVG

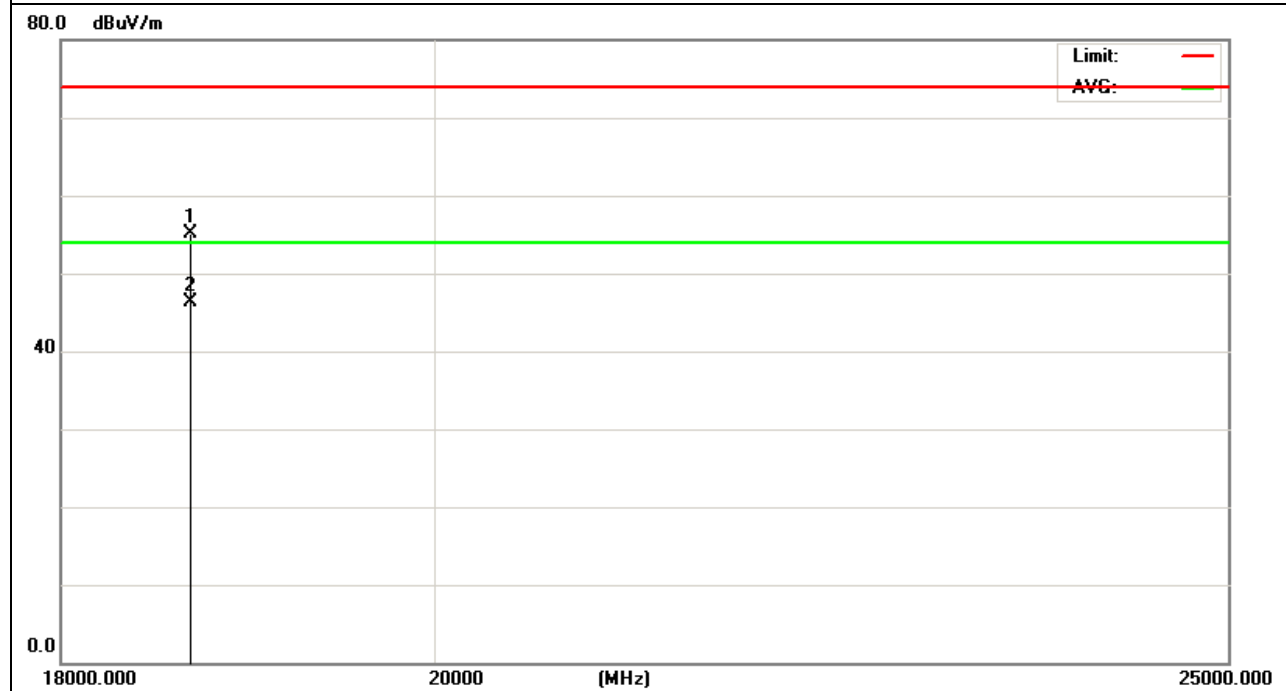
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH01 (802.11g: Rate 6Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
18672.000	39.03	16.07	55.10	74.00	-18.90	peak
18672.000	30.22	16.07	46.29	54.00	-7.71	AVG

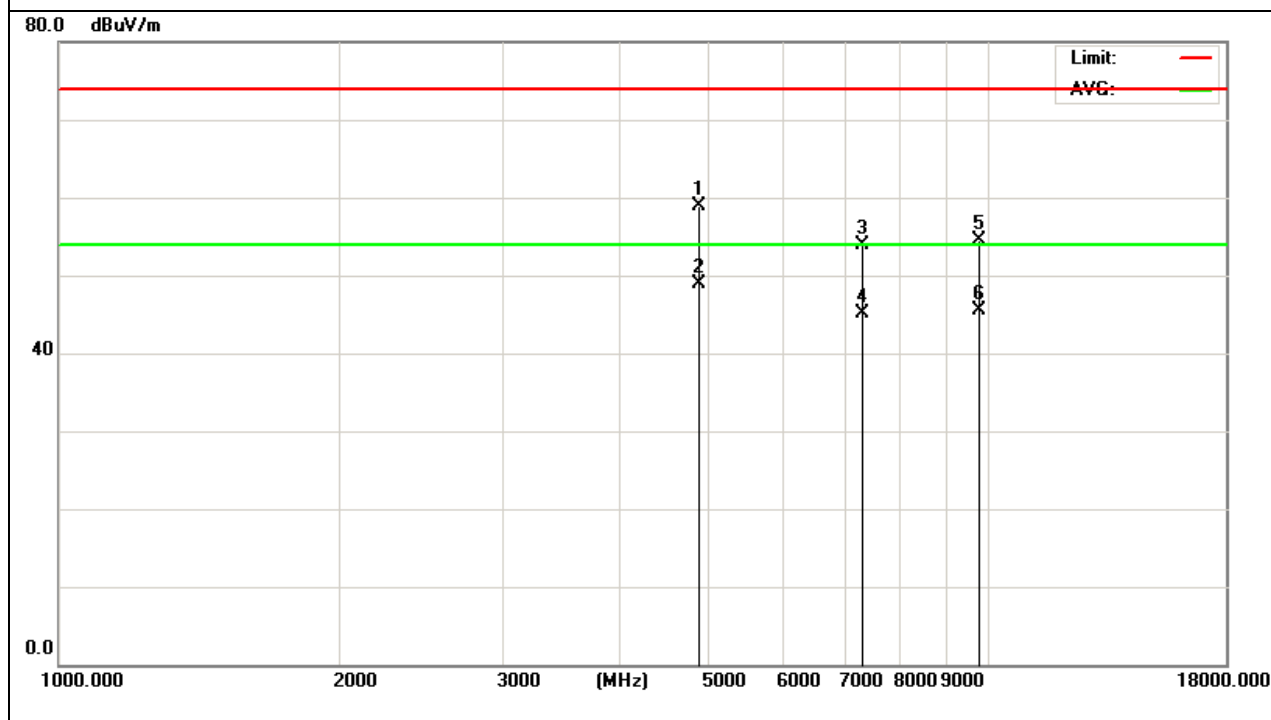
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH06 (802.11g: Rate 6Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4874.000	53.78	5.13	58.91	74.00	-15.09	peak
4874.000	43.81	5.13	48.94	54.00	-5.06	AVG
7311.000	46.32	7.49	53.81	74.00	-20.19	peak
7311.000	37.54	7.49	45.03	54.00	-8.97	AVG
9748.000	43.15	11.30	54.45	74.00	-19.55	peak
9748.000	34.22	11.30	45.52	54.00	-8.48	AVG

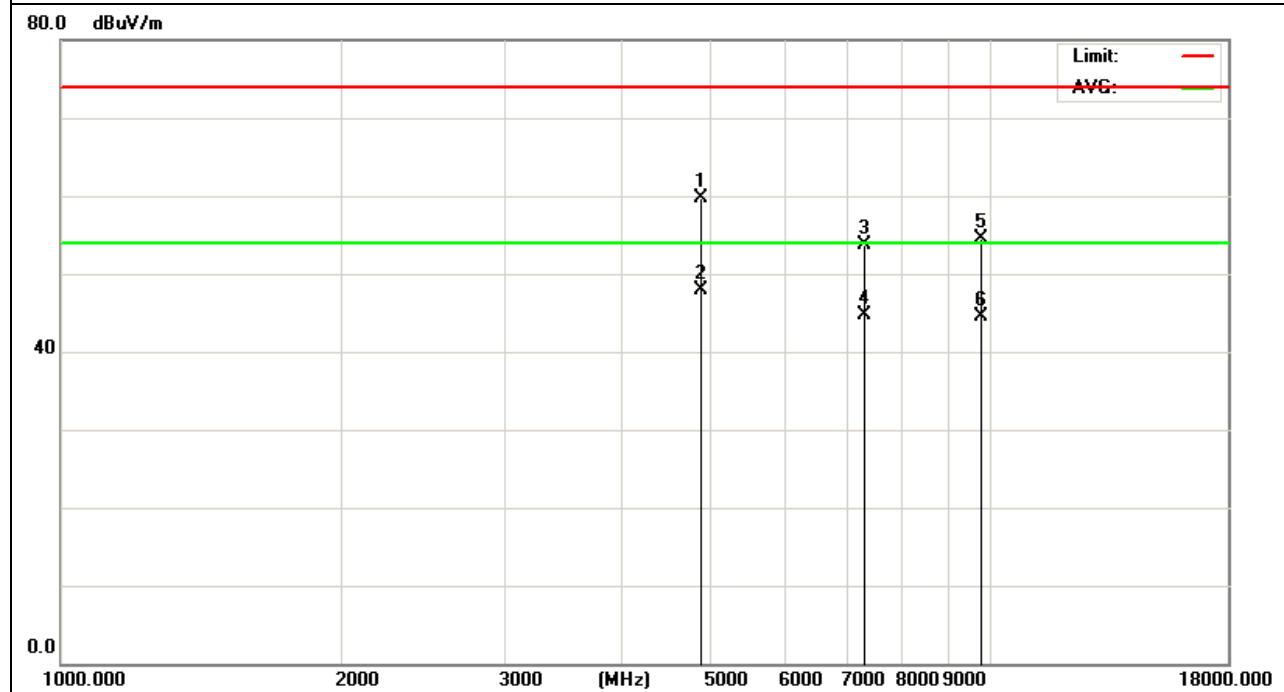
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH06 (802.11g: Rate 6Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4874.000	54.63	5.13	59.76	74.00	-14.24	peak
4874.000	42.78	5.13	47.91	54.00	-6.09	AVG
7311.000	46.26	7.49	53.75	74.00	-20.25	peak
7311.000	37.25	7.49	44.74	54.00	-9.26	AVG
9748.000	43.11	11.30	54.41	74.00	-19.59	peak
9748.000	33.29	11.30	44.59	54.00	-9.41	AVG

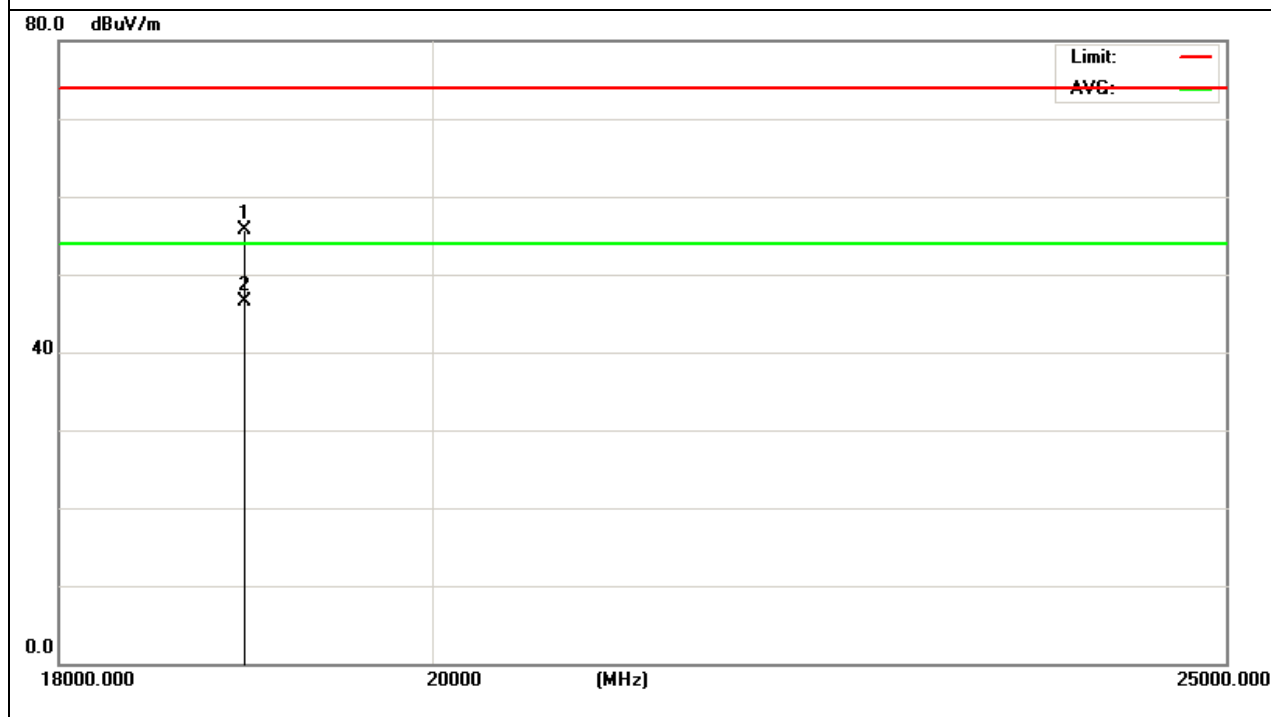
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH06 (802.11g: Rate 6Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
18963.000	39.42	16.37	55.79	74.00	-18.21	peak
18963.000	30.05	16.37	46.42	54.00	-7.58	AVG

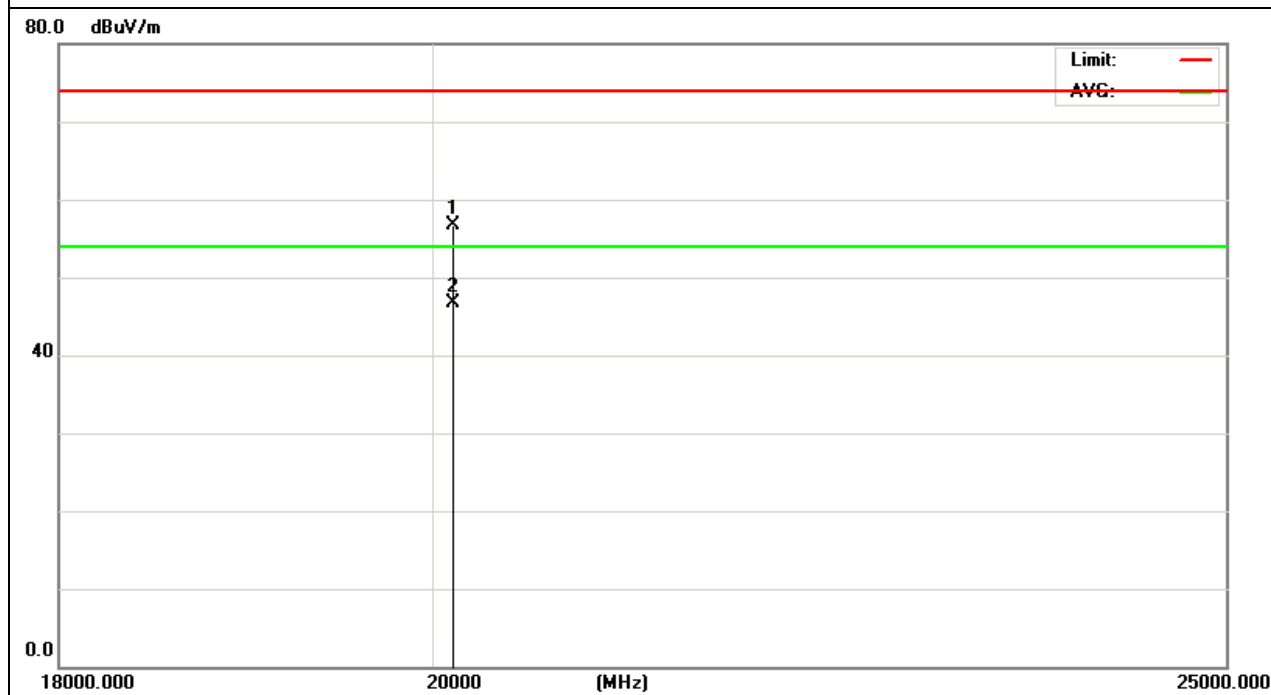
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH06 (802.11g: Rate 6Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
20114.000	40.15	16.63	56.78	74.00	-17.22	peak
20114.000	30.11	16.63	46.74	54.00	-7.26	AVG

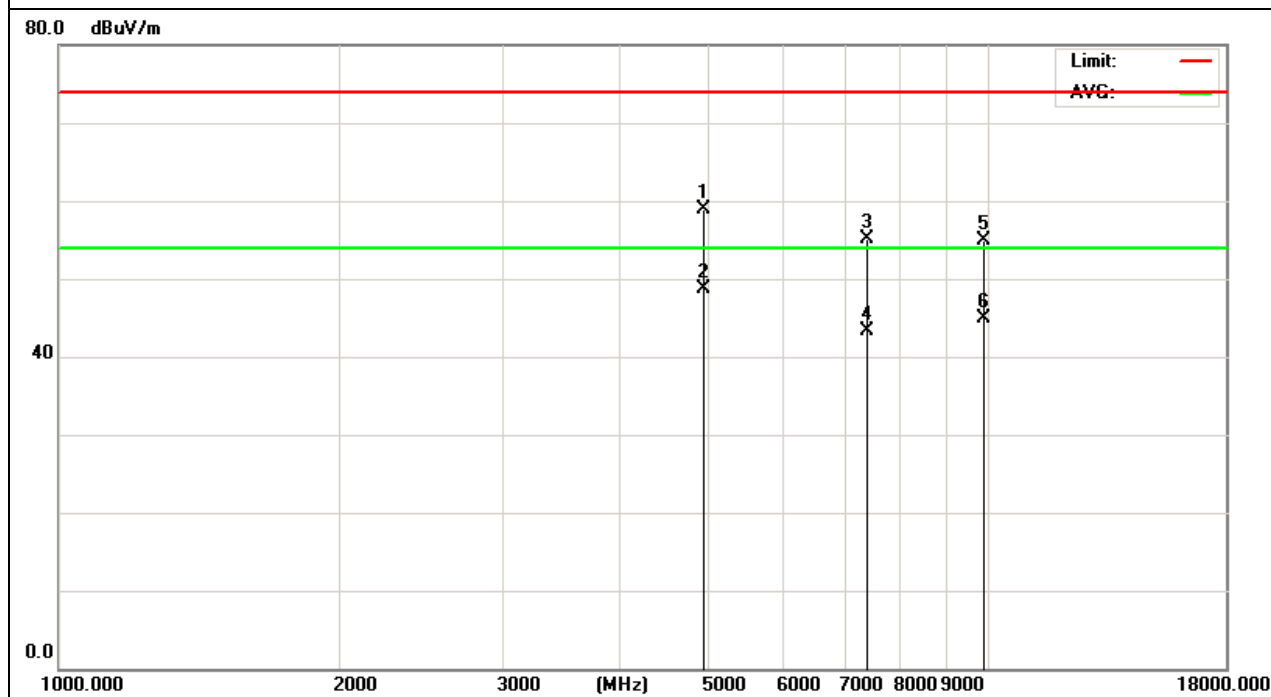
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH11 (802.11g; Rate 6Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4924.0000	53.67	5.18	58.85	74.00	-15.15	peak
4924.0000	43.46	5.18	48.64	54.00	-5.36	AVG
7386.0000	47.28	7.82	55.10	74.00	-18.90	peak
7386.0000	35.55	7.82	43.37	54.00	-10.63	AVG
9848.0000	43.05	11.79	54.84	74.00	-19.16	peak
9848.0000	33.19	11.79	44.98	54.00	-9.02	AVG

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

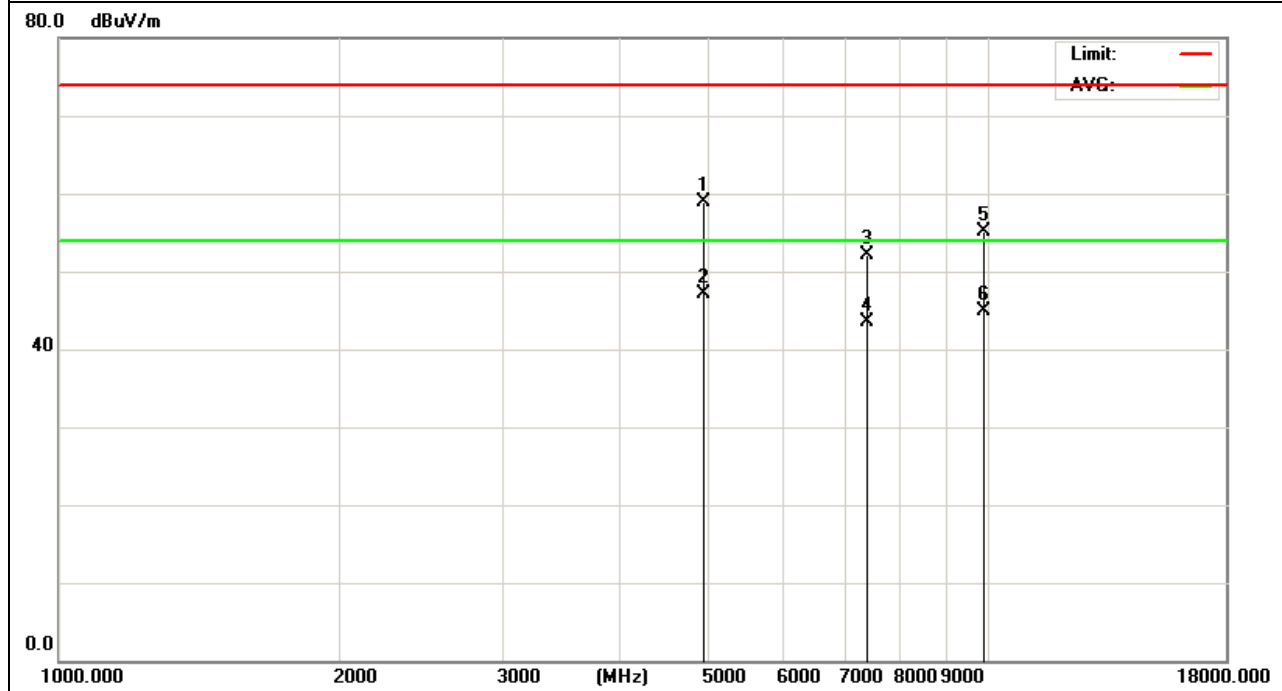


EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH11 (802.11g; Rate 6Mbps)	Polarization :	Vertical

Measurement Distance	3 m	Frequency Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
4924.0000	53.67	5.18	58.85	74.00	-15.15	peak
4924.0000	41.92	5.18	47.10	54.00	-6.90	AVG
7386.0000	44.26	7.82	52.08	74.00	-21.92	peak
7386.0000	35.63	7.82	43.45	54.00	-10.55	AVG
9848.0000	43.28	11.79	55.07	74.00	-18.93	peak
9848.0000	33.06	11.79	44.85	54.00	-9.15	AVG

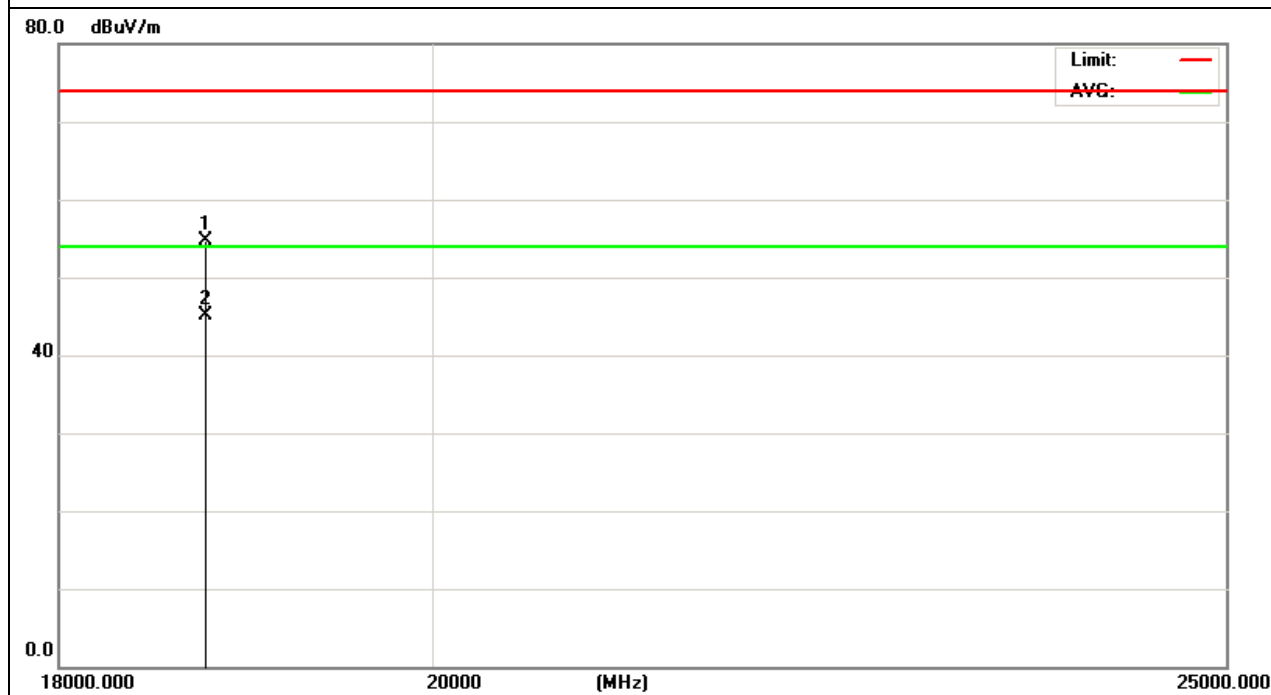
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH11 (802.11g; Rate 6Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
18758.000	38.55	16.16	54.71	74.00	-19.29	peak
18758.000	29.03	16.16	45.19	54.00	-8.81	AVG

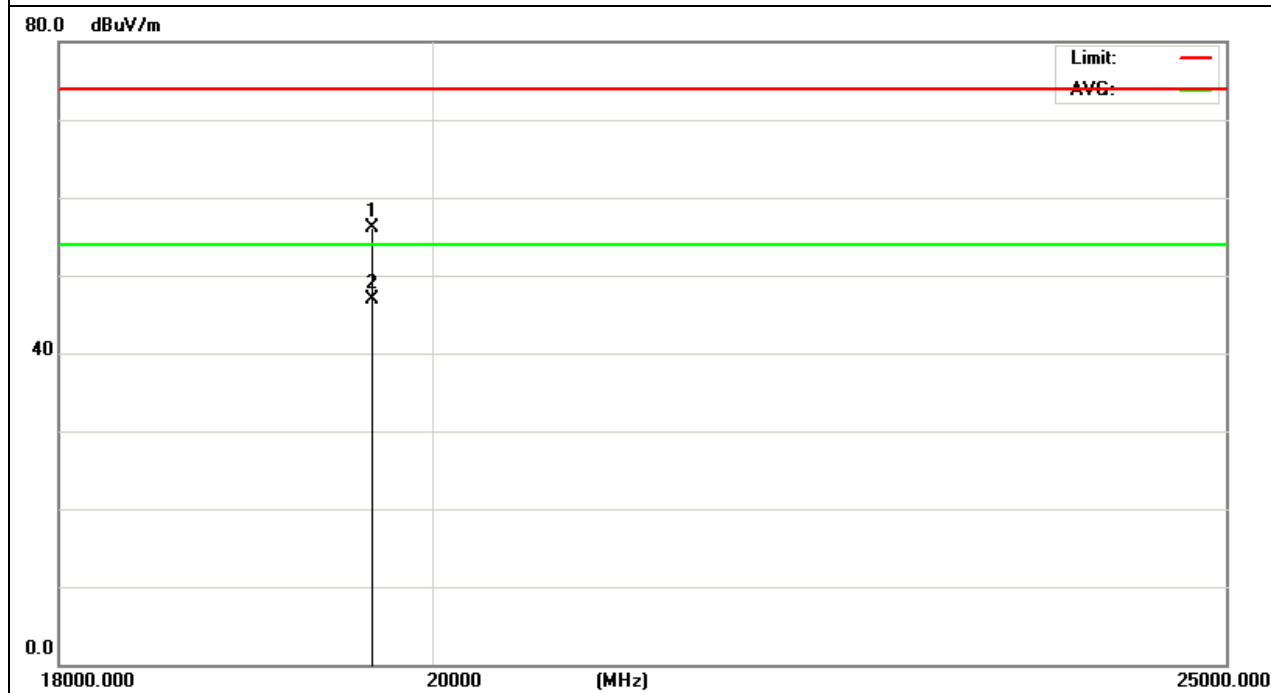
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH11 (802.11g; Rate 6Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
19663.000	39.48	16.53	56.01	74.00	-17.99	peak
19663.000	30.33	16.53	46.86	54.00	-7.14	AVG

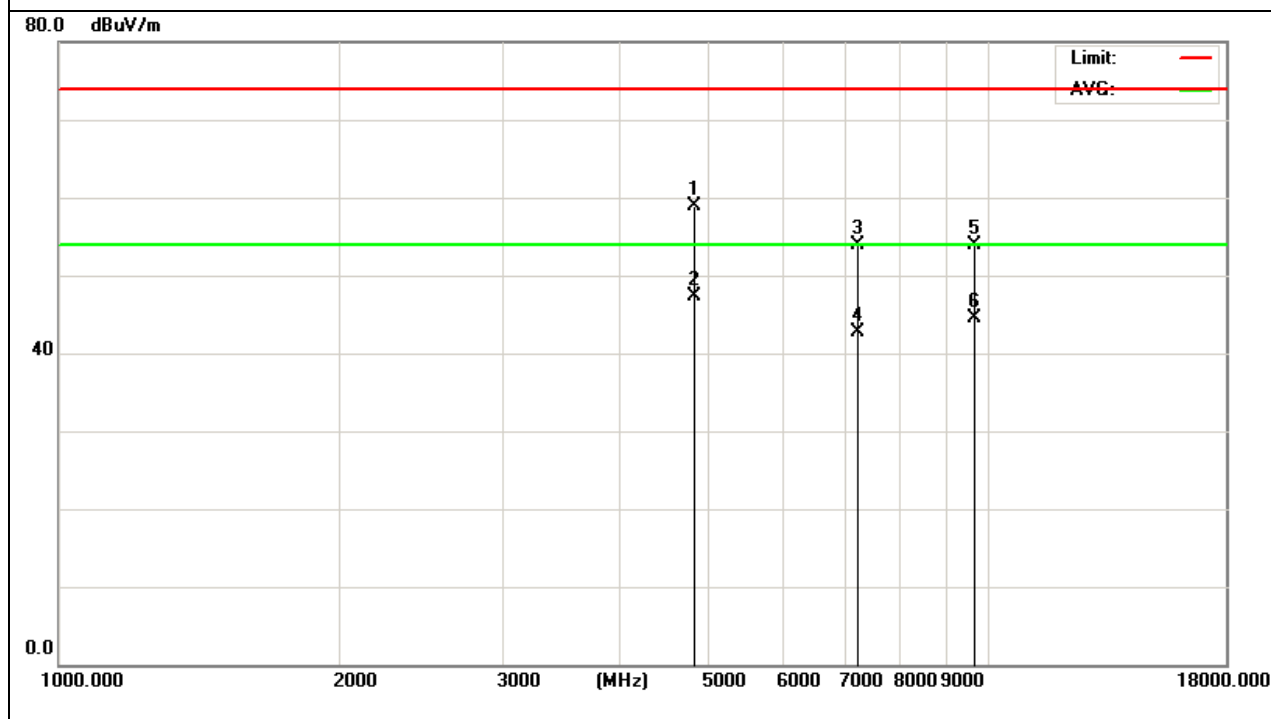
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH01 (802.11n20 : Rate 6.5Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4824.0000	53.74	5.08	58.82	74.00	-15.18	peak
4824.0000	42.26	5.08	47.34	54.00	-6.66	AVG
7236.0000	46.73	7.16	53.89	74.00	-20.11	peak
7236.0000	35.50	7.16	42.66	54.00	-11.34	AVG
9648.0000	43.06	10.82	53.88	74.00	-20.12	peak
9648.0000	33.77	10.82	44.59	54.00	-9.41	AVG

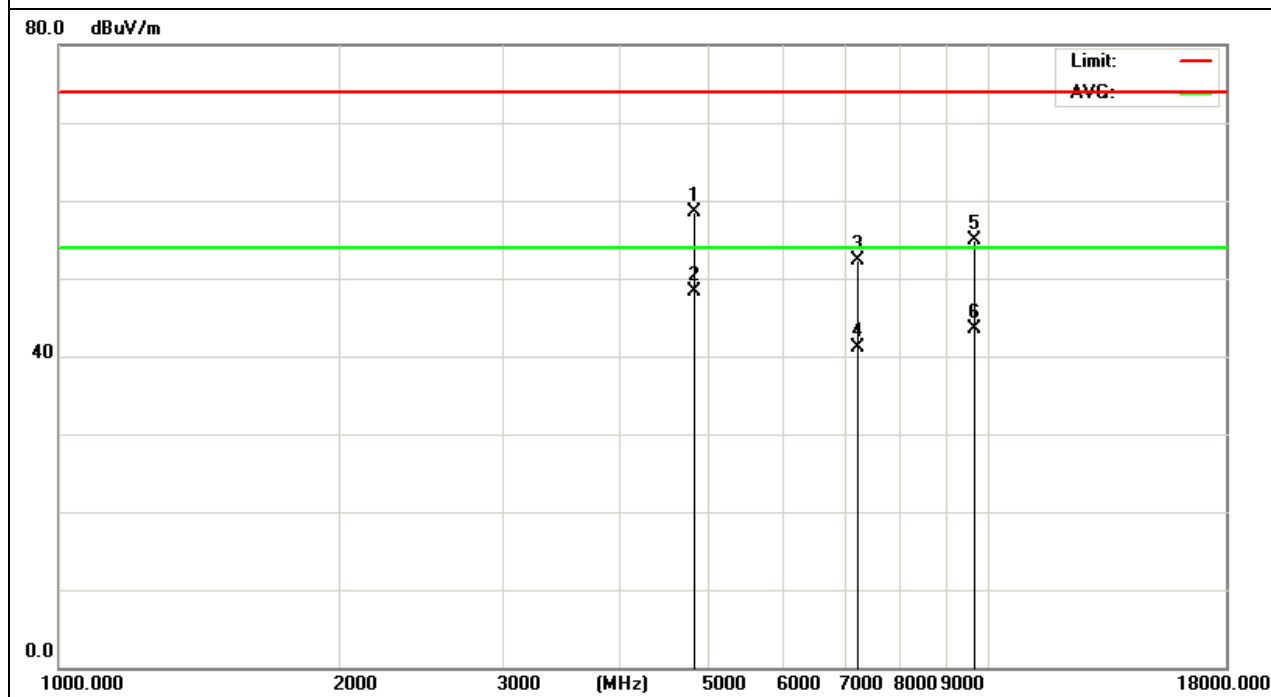
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH01 (802.11n20 : Rate 6.5Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4824.0000	53.36	5.08	58.44	74.00	-15.56	peak
4824.0000	43.28	5.08	48.36	54.00	-5.64	AVG
7236.0000	45.22	7.16	52.38	74.00	-21.62	peak
7236.0000	33.94	7.16	41.10	54.00	-12.90	AVG
9648.0000	44.16	10.82	54.98	74.00	-19.02	peak
9648.0000	32.63	10.82	43.45	54.00	-10.55	AVG

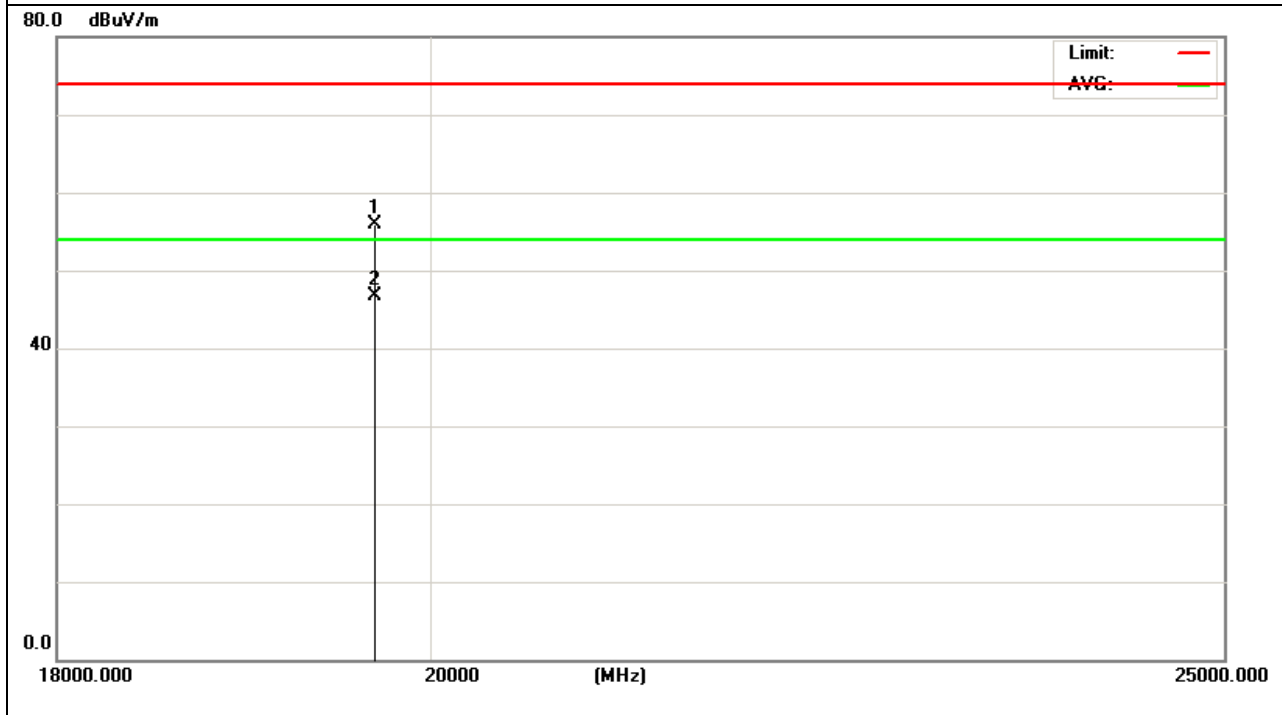
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH01 (802.11n20 : Rate 6.5Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
19687.000	39.47	16.53	56.00	74.00	-18.00	
19687.000	30.09	16.53	46.62	54.00	-7.38	AVG

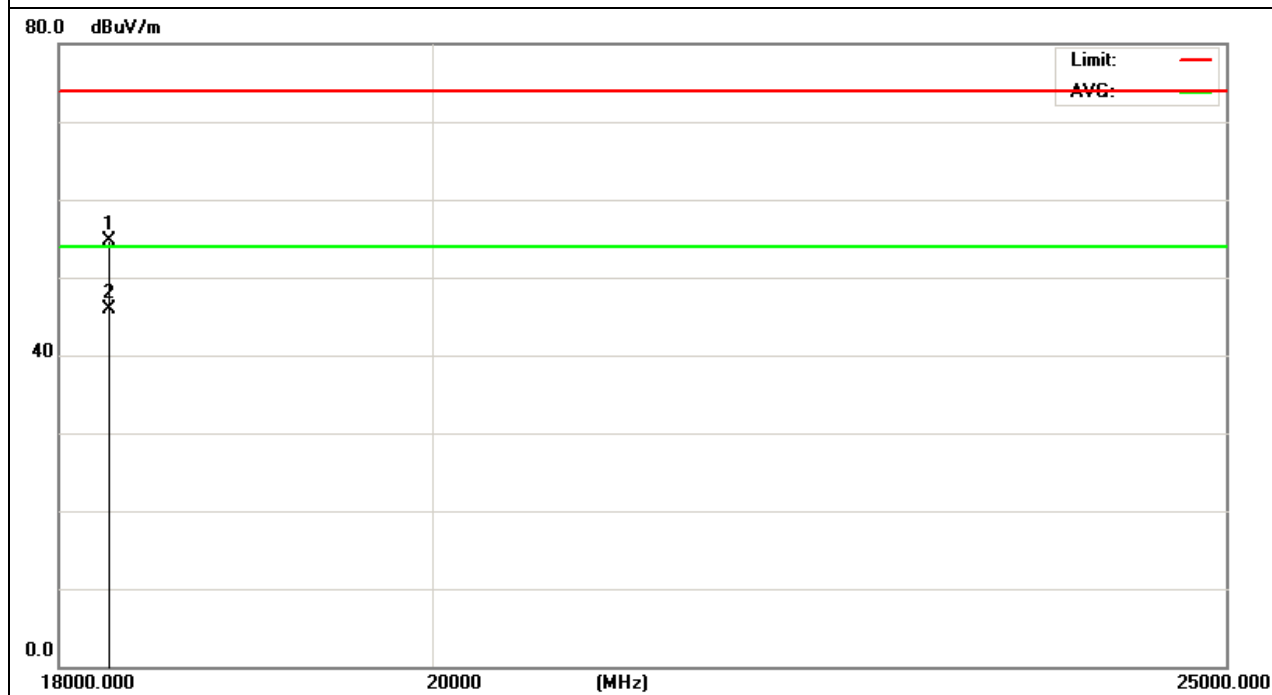
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH01 (802.11n20 : Rate 6.5Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
18254.000	39.15	15.64	54.79	74.00	-19.21	peak
18254.000	30.20	15.64	45.84	54.00	-8.16	AVG

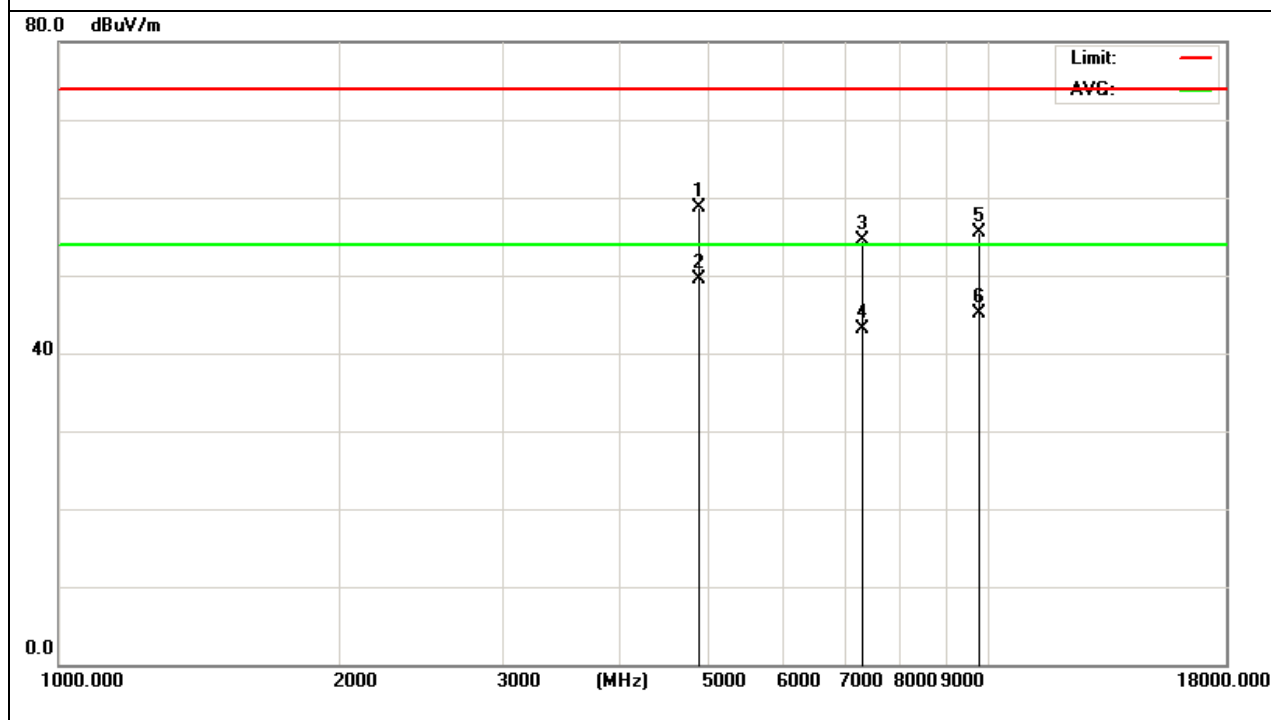
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH06 (802.11n20 : Rate 6.5Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
4874.0000	53.56	5.13	58.69	74.00	-15.31	peak
4874.0000	44.35	5.13	49.48	54.00	-4.52	AVG
7311.0000	47.06	7.49	54.55	74.00	-19.45	peak
7311.0000	35.66	7.49	43.15	54.00	-10.85	AVG
9748.0000	44.14	11.30	55.44	74.00	-18.56	peak
9748.0000	33.85	11.30	45.15	54.00	-8.85	AVG

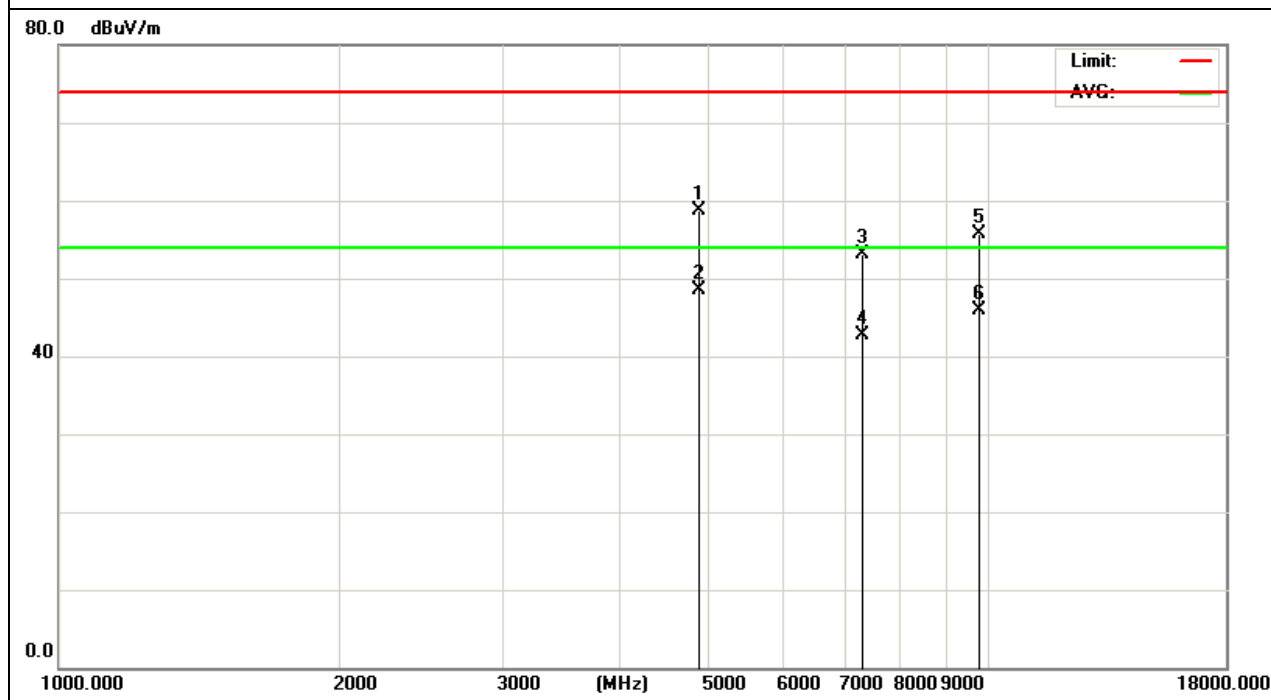
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH06 (802.11n20 : Rate 6.5Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4874.0000	53.49	5.13	58.62	74.00	-15.38	peak
4874.0000	43.39	5.13	48.52	54.00	-5.48	AVG
7311.0000	45.69	7.49	53.18	74.00	-20.82	peak
7311.0000	35.16	7.49	42.65	54.00	-11.35	AVG
9748.0000	44.33	11.30	55.63	74.00	-18.37	peak
9748.0000	34.55	11.30	45.85	54.00	-8.15	AVG

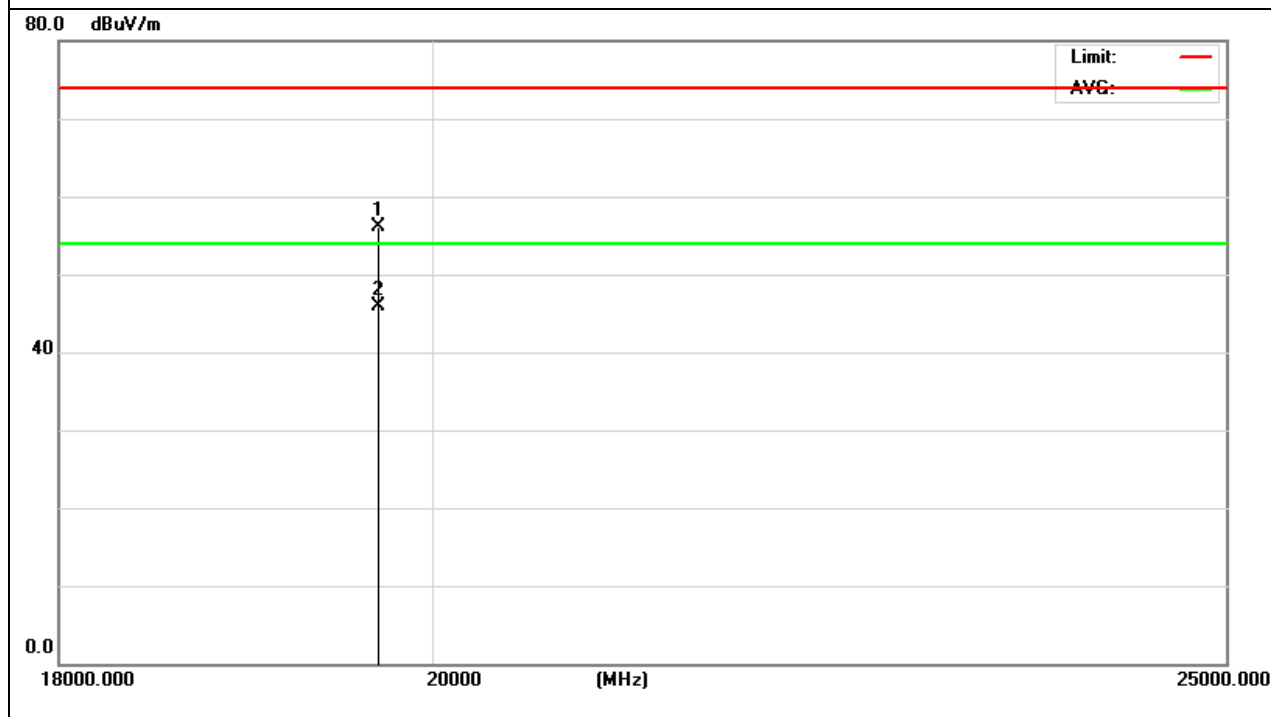
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH06 (802.11n20 : Rate 6.5Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
19696.000	39.61	16.55	56.16	74.00	-17.84	peak
19696.000	29.36	16.55	45.91	54.00	-8.09	AVG

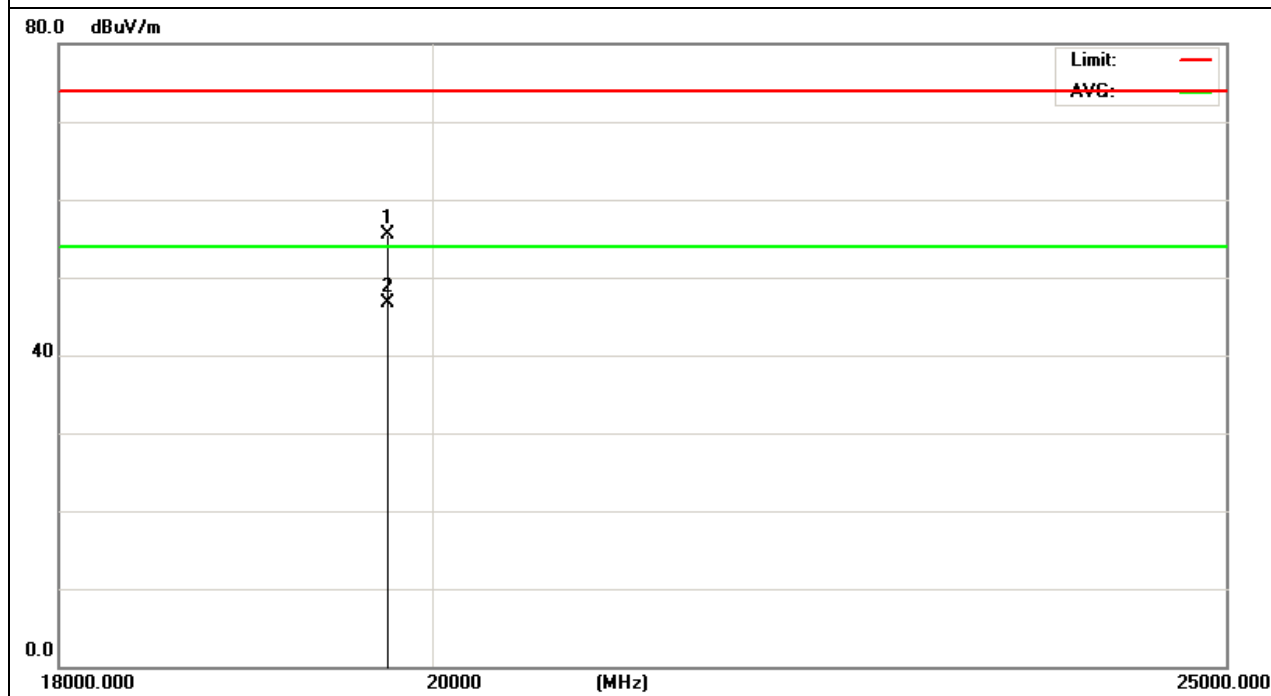
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH06 (802.11n20 : Rate 6.5Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
19745.000	39.03	16.55	55.58	74.00	-18.42	peak
19745.000	30.25	16.55	46.80	54.00	-7.20	AVG

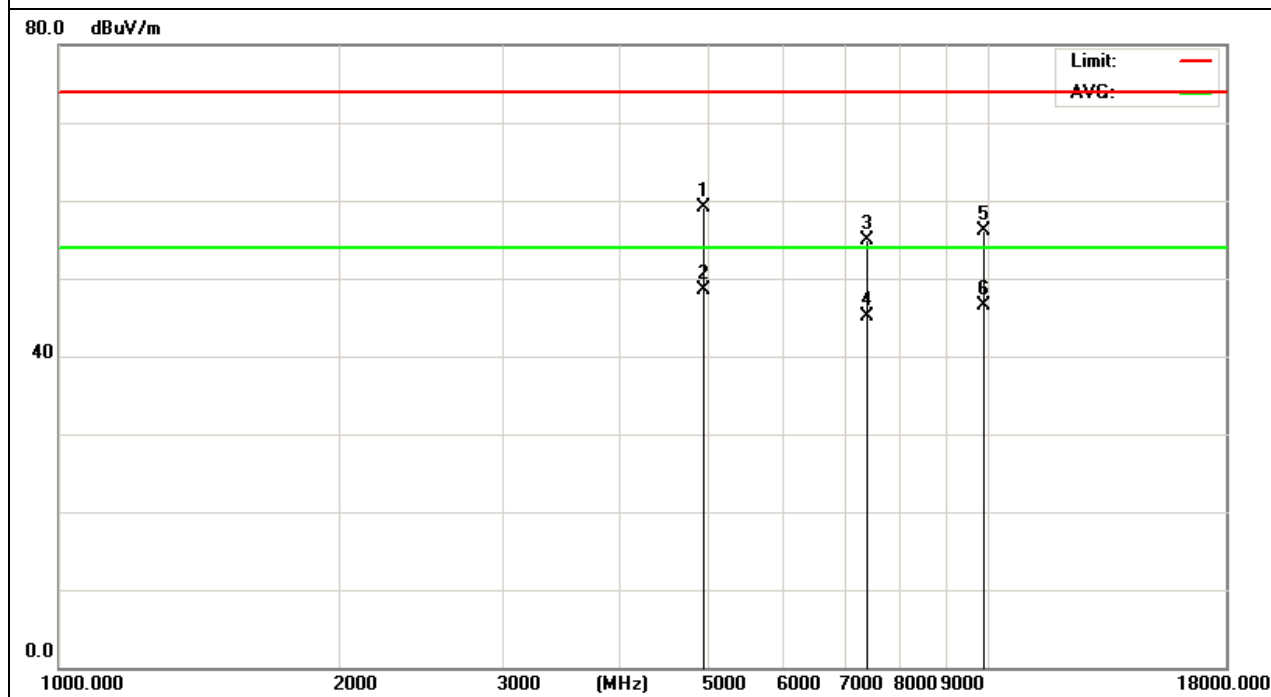
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH11 (802.11n20 : Rate 6.5Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4924.0000	53.91	5.18	59.09	74.00	-14.91	peak
4924.0000	43.26	5.18	48.44	54.00	-5.56	AVG
7386.0000	47.03	7.82	54.85	74.00	-19.15	peak
7386.0000	37.22	7.82	45.04	54.00	-8.96	AVG
9848.0000	44.29	11.79	56.08	74.00	-17.92	peak
9848.0000	34.68	11.79	46.47	54.00	-7.53	AVG

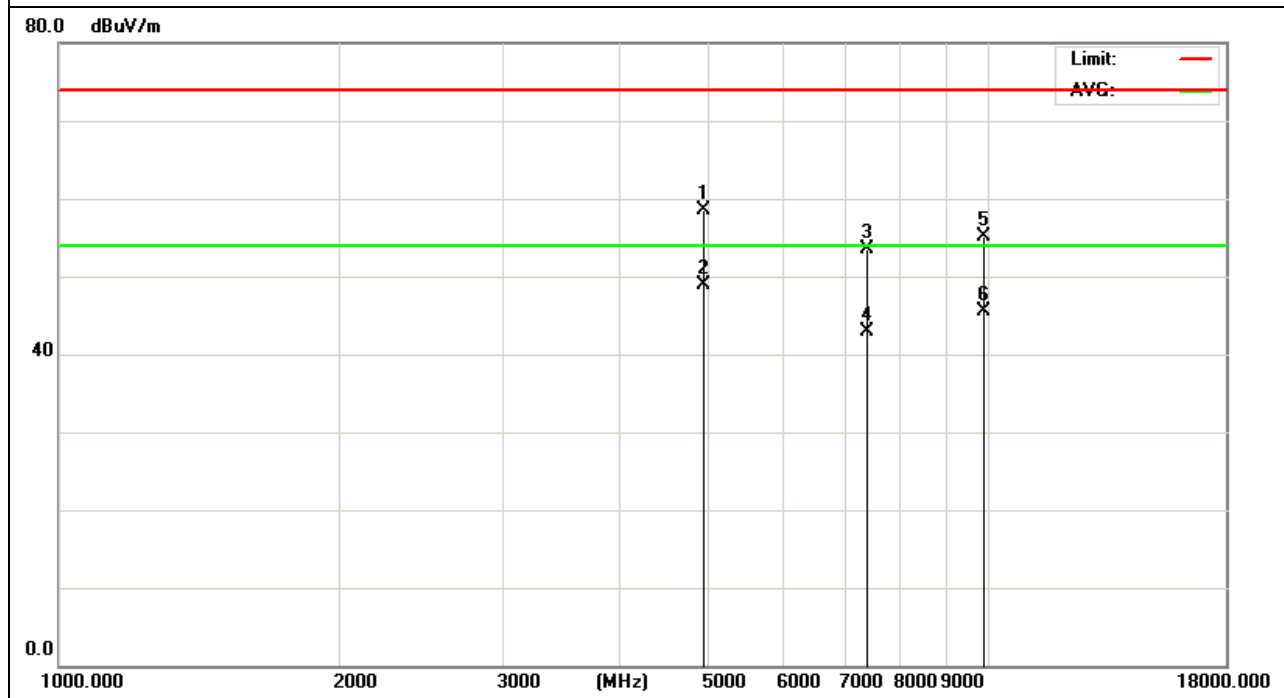
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH11 (802.11n20 : Rate 6.5Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4924.0000	53.41	5.18	58.59	74.00	-15.41	peak
4924.0000	43.68	5.18	48.86	54.00	-5.14	AVG
7386.0000	45.62	7.82	53.44	74.00	-20.56	peak
7386.0000	35.03	7.82	42.85	54.00	-11.15	AVG
9848.0000	43.24	11.79	55.03	74.00	-18.97	peak
9848.0000	33.62	11.79	45.41	54.00	-8.59	AVG

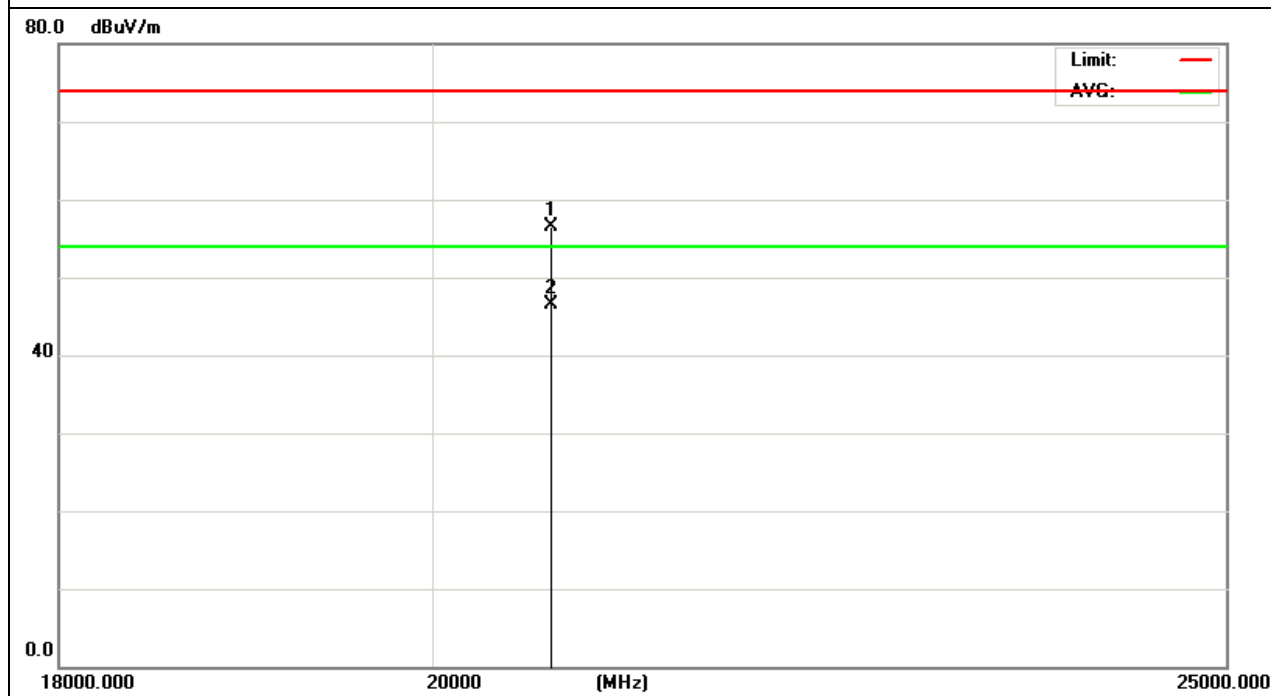
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH11 (802.11n20 : Rate 6.5Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
20679.000	39.74	16.74	56.48	74.00	-17.52	peak
20679.000	29.81	16.74	46.55	54.00	-7.45	AVG

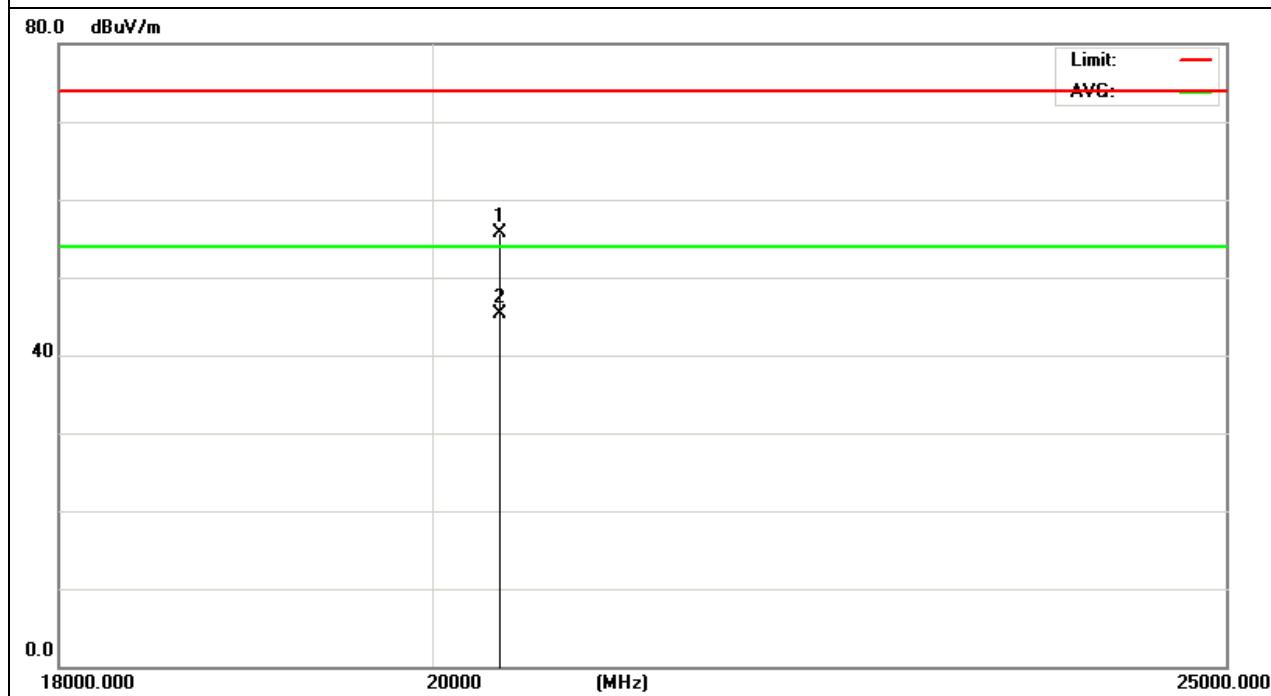
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH11 (802.11n20 : Rate 6.5Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
20374.000	39.12	16.68	55.80	74.00	-18.20	peak
20374.000	28.64	16.68	45.32	54.00	-8.68	AVG

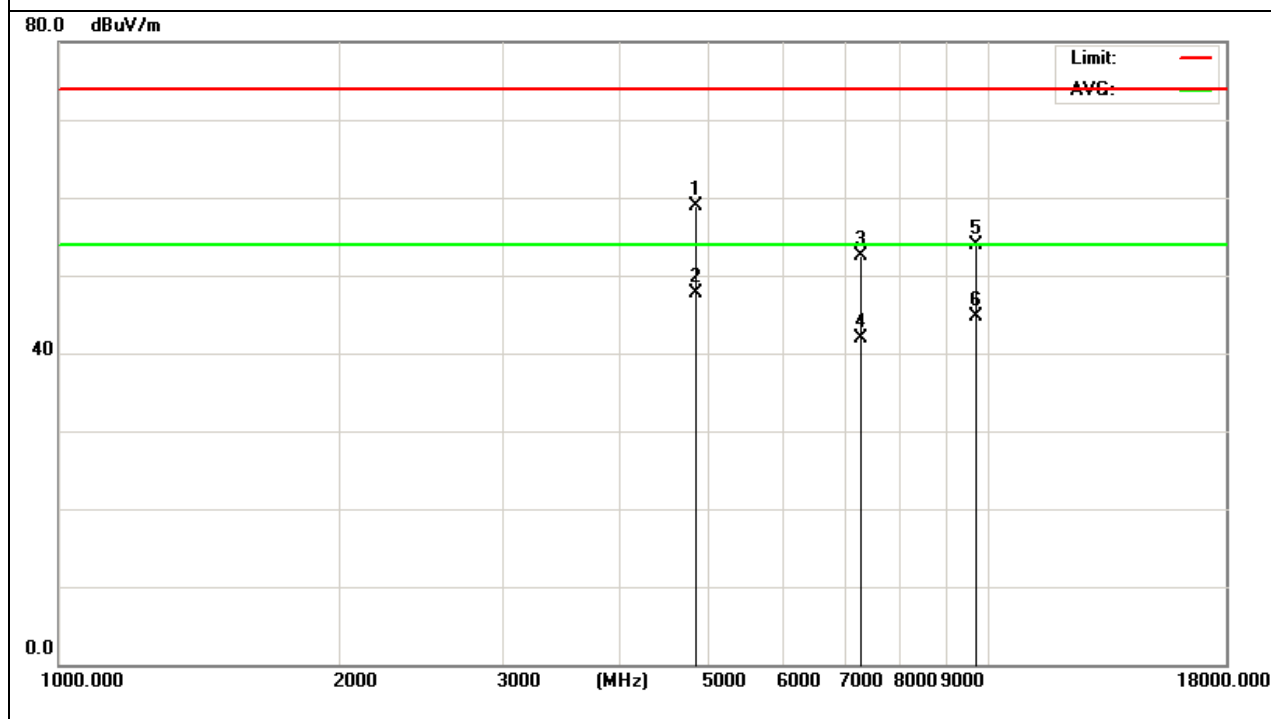
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH03 (802.11n40 : Rate 13.5Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4844.0000	53.72	5.11	58.83	74.00	-15.17	peak
4844.0000	42.69	5.11	47.80	54.00	-6.20	AVG
7266.0000	45.26	7.29	52.55	74.00	-21.45	peak
7266.0000	34.55	7.29	41.84	54.00	-12.16	AVG
9688.0000	42.93	11.02	53.95	74.00	-20.05	peak
9688.0000	33.64	11.02	44.66	54.00	-9.34	AVG

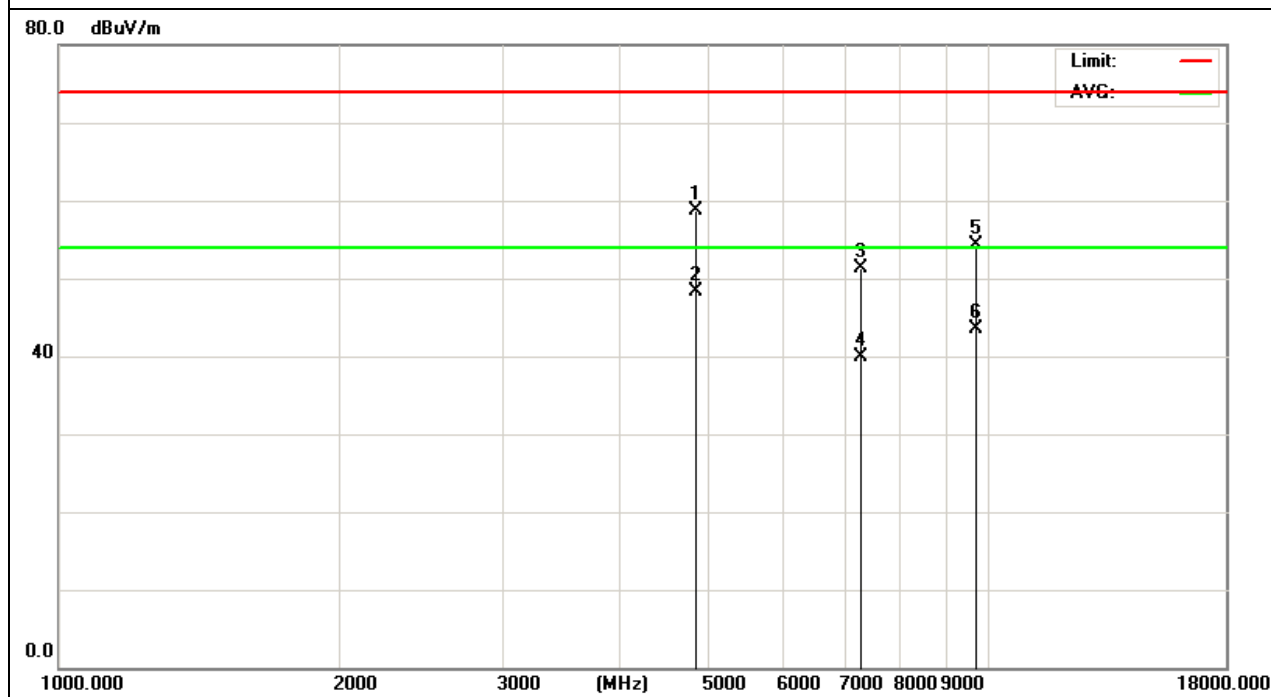
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH03 (802.11n40 : Rate 13.5Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4844.0000	53.64	5.11	58.75	74.00	-15.25	peak
4844.0000	43.26	5.11	48.37	54.00	-5.63	AVG
7266.0000	44.08	7.29	51.37	74.00	-22.63	peak
7266.0000	32.65	7.29	39.94	54.00	-14.06	AVG
9688.0000	43.26	11.02	54.28	74.00	-19.72	peak
9688.0000	32.48	11.02	43.50	54.00	-10.50	AVG

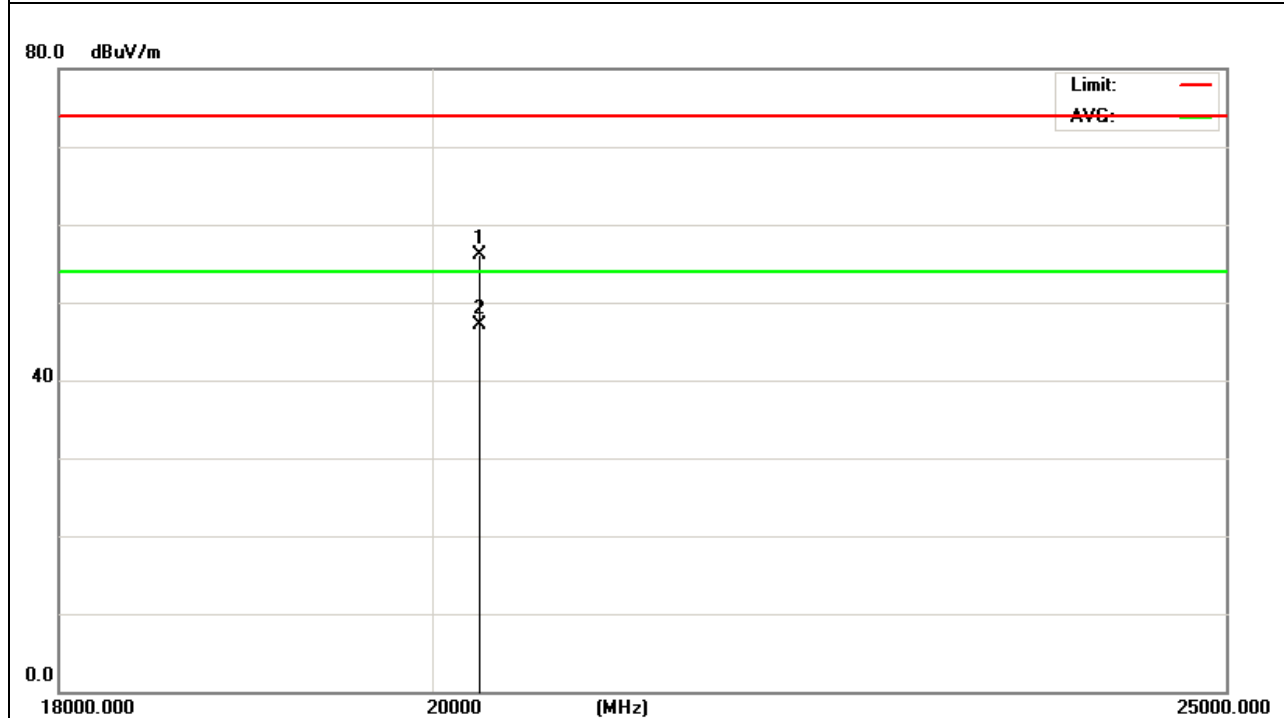
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH03 (802.11n40 : Rate 13.5Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
20258.000	39.55	16.65	56.20	74.00	-17.80	peak
20258.000	30.49	16.65	47.14	54.00	-6.86	AVG

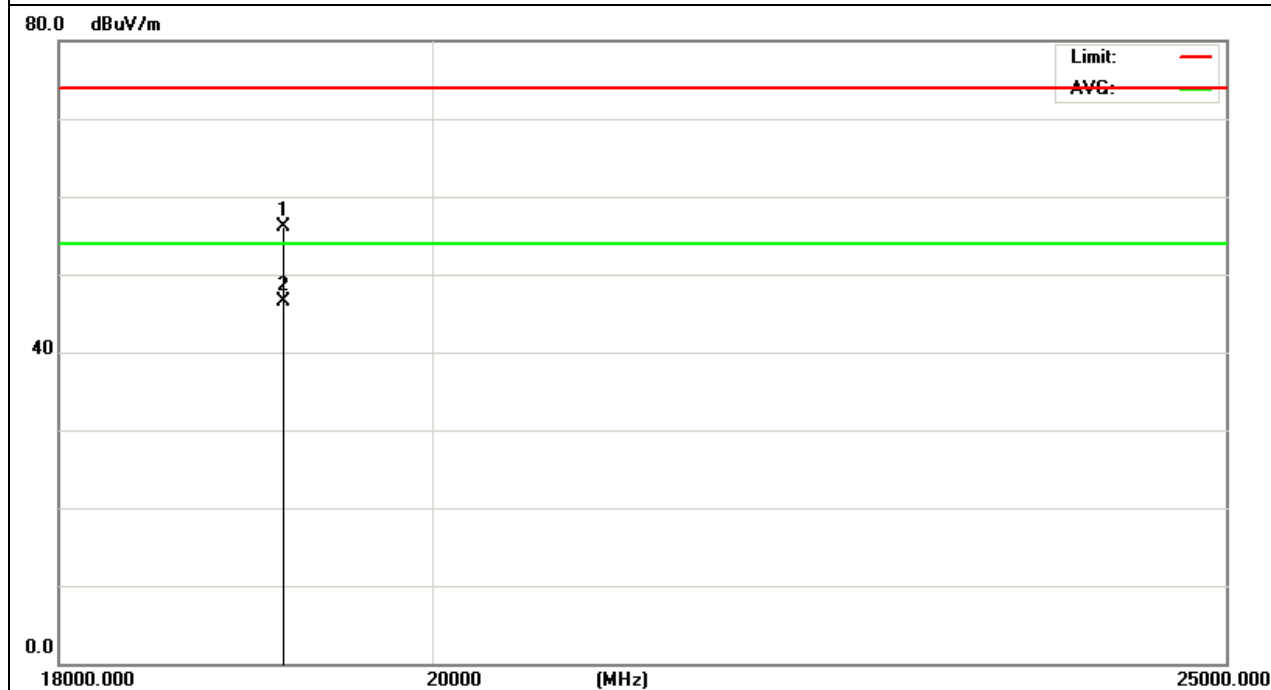
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH03 (802.11n40 : Rate 13.5Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
19182.000	39.76	16.44	56.20	74.00	-17.80	peak
19182.000	30.12	16.44	46.56	54.00	-7.44	AVG

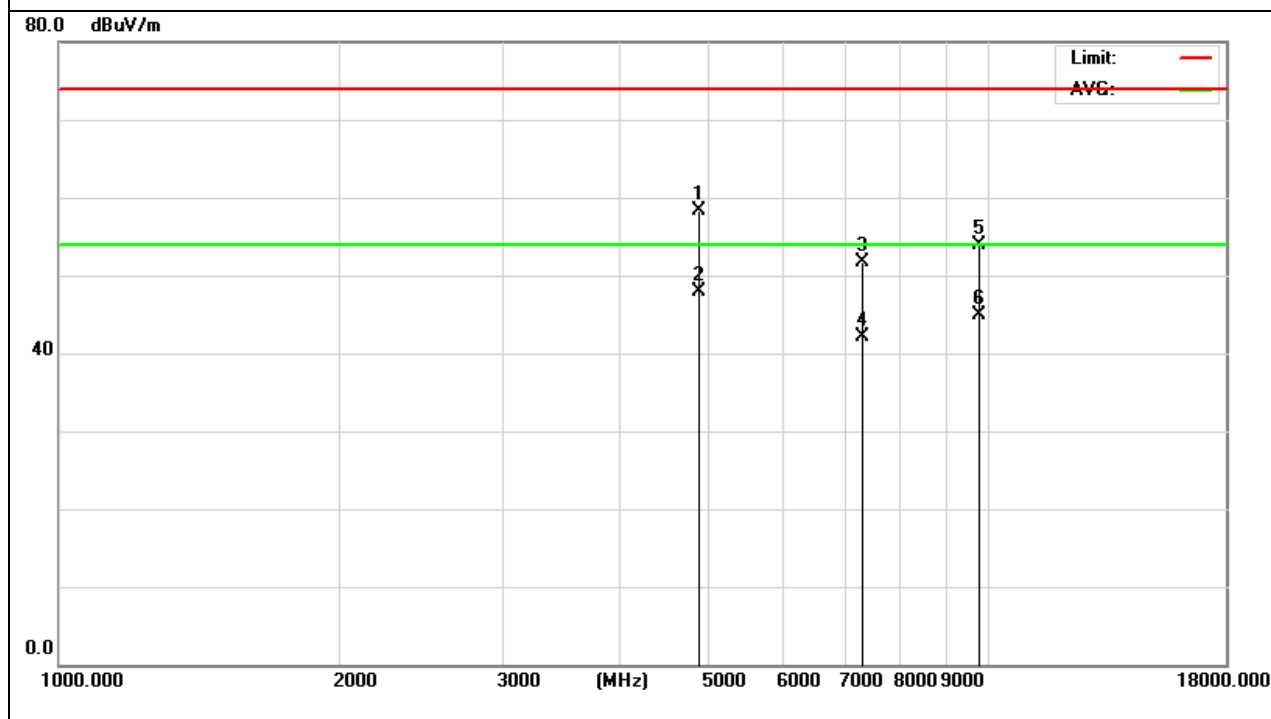
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH06 (802.11n40 : Rate 13.5Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4874.0000	53.26	5.13	58.39	74.00	-15.61	peak
4874.0000	42.78	5.13	47.91	54.00	-6.09	AVG
7311.0000	44.14	7.49	51.63	74.00	-22.37	peak
7311.0000	34.63	7.49	42.12	54.00	-11.88	AVG
9748.0000	42.59	11.30	53.89	74.00	-20.11	peak
9748.0000	33.56	11.30	44.86	54.00	-9.14	AVG

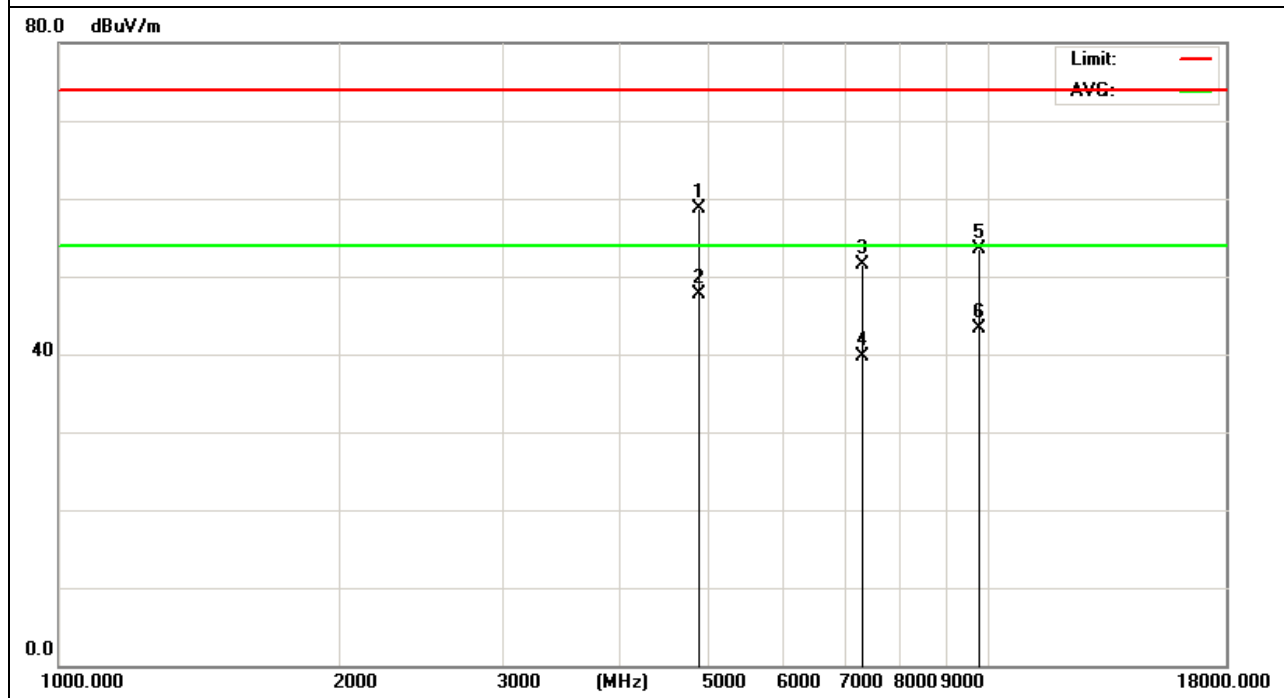
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH06 (802.11n40 : Rate 13.5Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4874.0000	53.49	5.13	58.62	74.00	-15.38	peak
4874.0000	42.63	5.13	47.76	54.00	-6.24	AVG
7311.0000	44.06	7.49	51.55	74.00	-22.45	peak
7311.0000	32.29	7.49	39.78	54.00	-14.22	AVG
9748.0000	42.11	11.30	53.41	74.00	-20.59	peak
9748.0000	32.03	11.30	43.33	54.00	-10.67	AVG

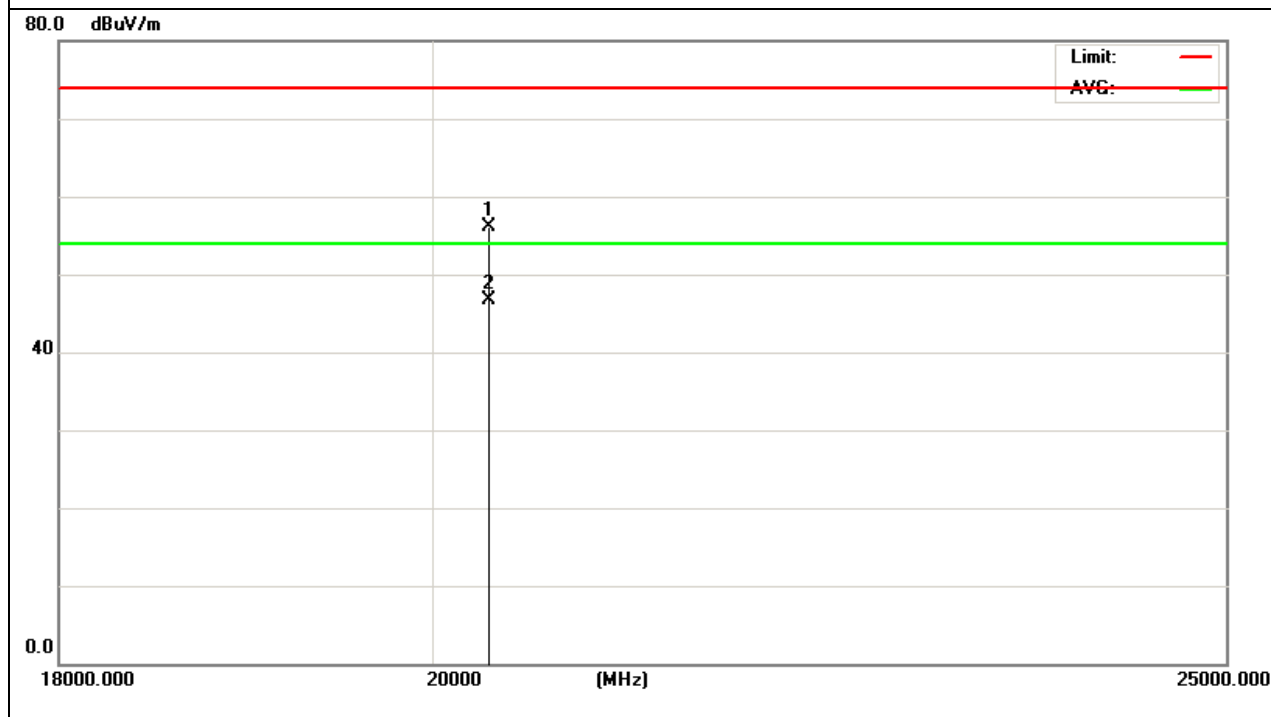
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH06 (802.11n40 : Rate 13.5Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
20321.000	39.52	16.67	56.19	74.00	-17.81	peak
20321.000	29.97	16.67	46.64	54.00	-7.36	AVG

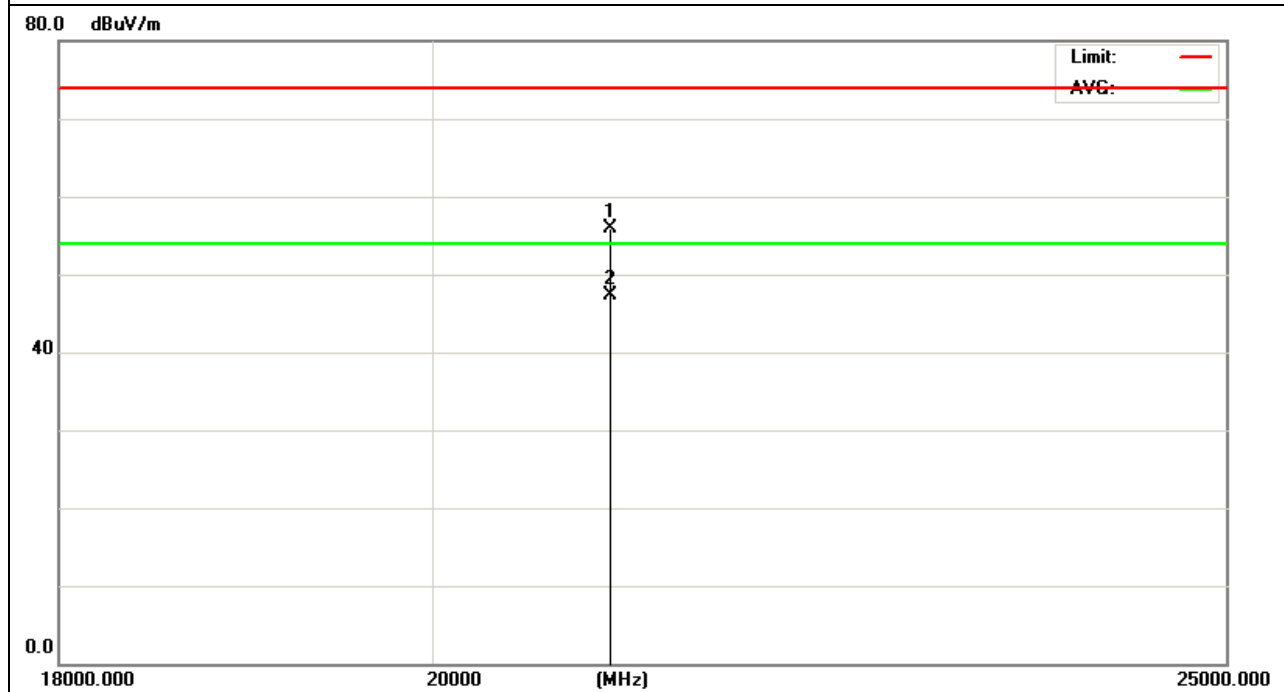
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH06 (802.11n40 : Rate 13.5Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
21025.000	39.16	16.81	55.97	74.00	-18.03	peak
21025.000	30.54	16.81	47.35	54.00	-6.65	AVG

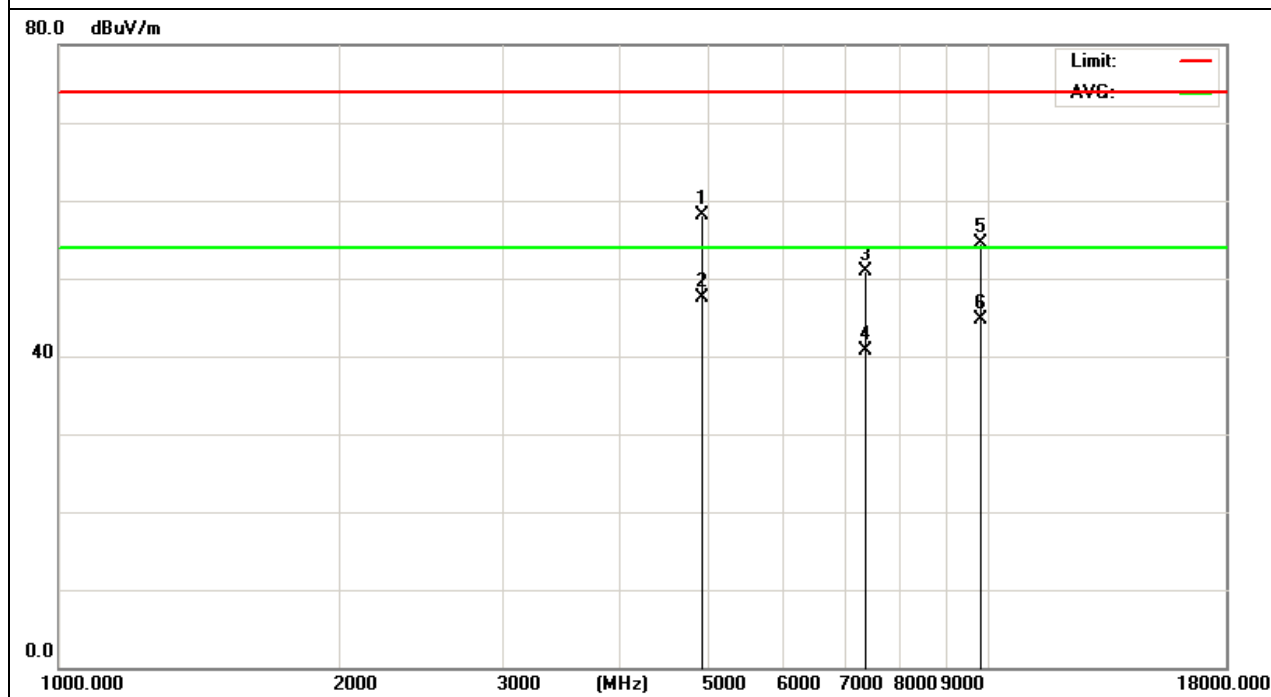
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH09 (802.11n40 : Rate 13.5Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4904.0000	52.89	5.16	58.05	74.00	-15.95	peak
4904.0000	42.36	5.16	47.52	54.00	-6.48	AVG
7356.0000	43.26	7.69	50.95	74.00	-23.05	peak
7356.0000	33.11	7.69	40.80	54.00	-13.20	AVG
9808.0000	42.97	11.60	54.57	74.00	-19.43	peak
9808.0000	33.15	11.60	44.75	54.00	-9.25	AVG

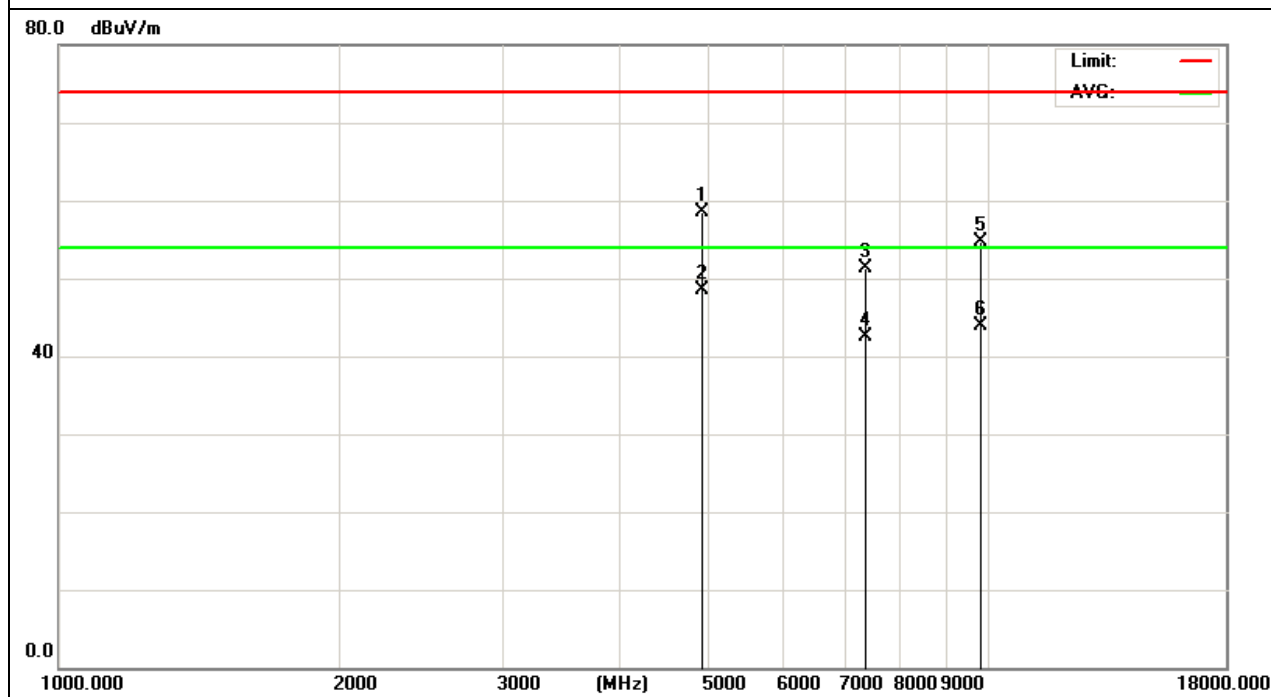
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH09 (802.11n40 : Rate 13.5Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	1GHz to 18GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4904.0000	53.28	5.16	58.44	74.00	-15.56	peak
4904.0000	43.26	5.16	48.42	54.00	-5.58	AVG
7356.0000	43.55	7.69	51.24	74.00	-22.76	peak
7356.0000	34.74	7.69	42.43	54.00	-11.57	AVG
9808.0000	43.03	11.60	54.63	74.00	-19.37	peak
9808.0000	32.29	11.60	43.89	54.00	-10.11	AVG

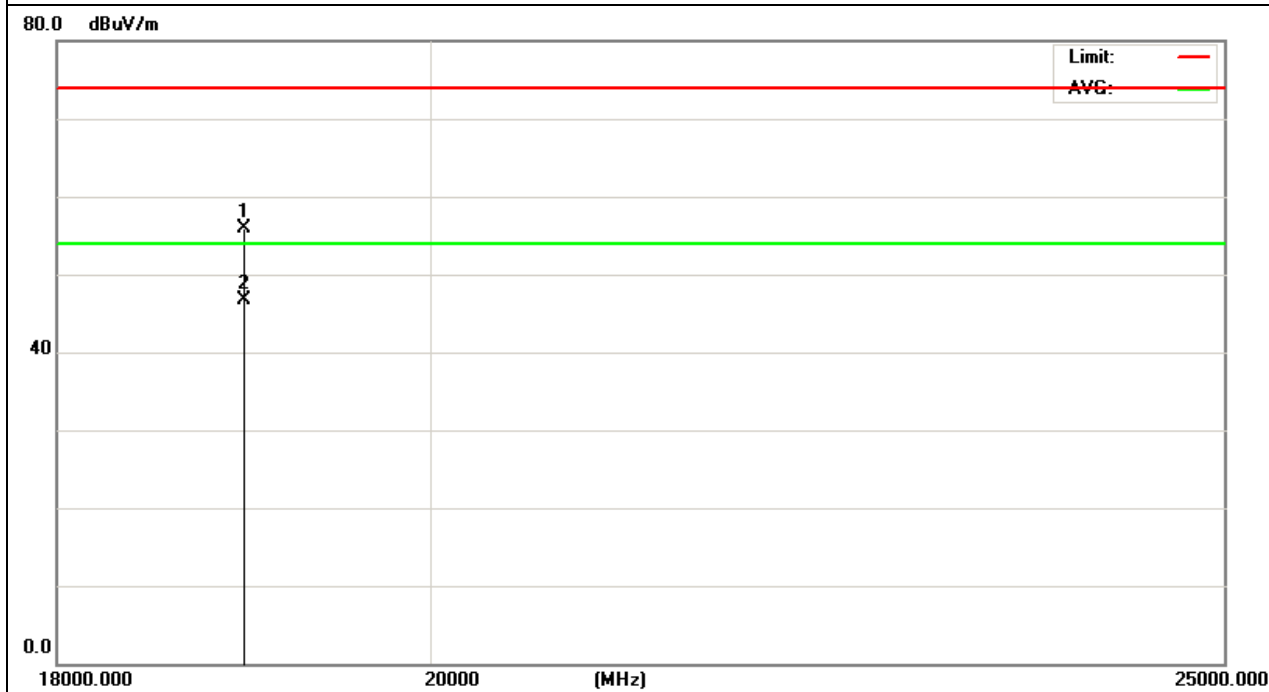
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH09 (802.11n40 : Rate 13.5Mbps)	Polarization :	Horizontal
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
18972.000	39.52	16.38	55.90	74.00	-18.10	peak
18972.000	30.41	16.38	46.79	54.00	-7.21	AVG

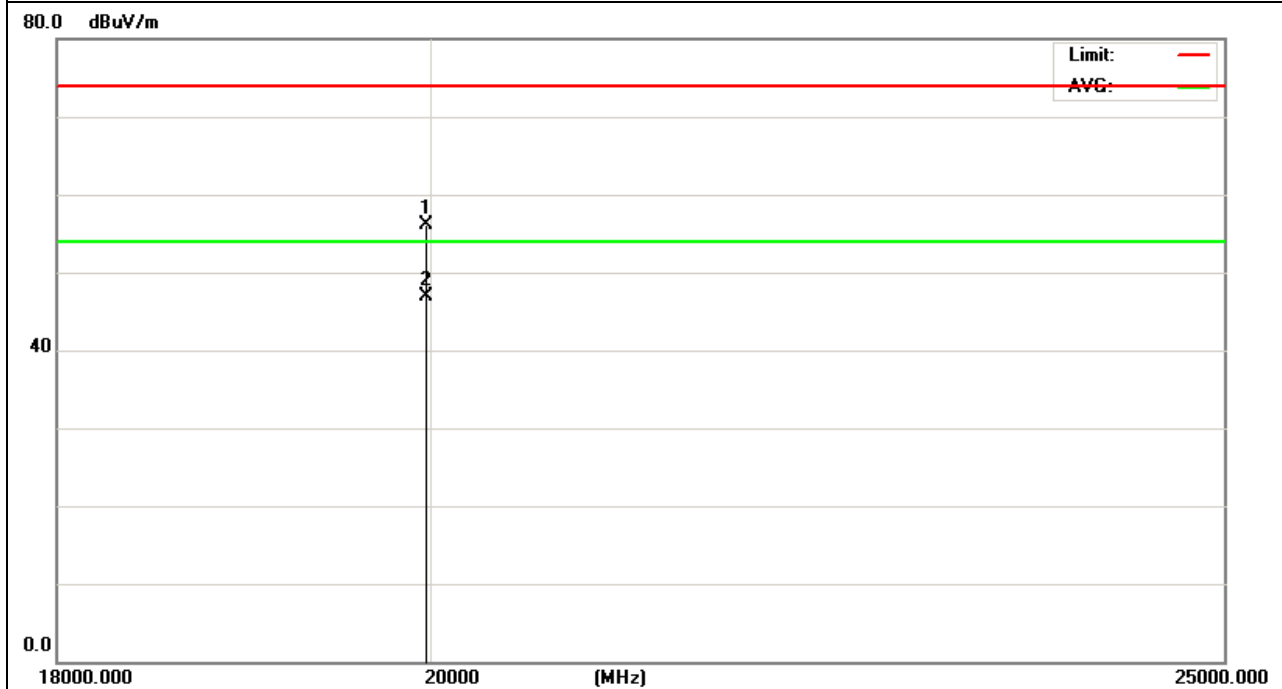
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-16
Test Mode :	TX CH09 (802.11n40 : Rate 13.5Mbps)	Polarization :	Vertical
Measurement Distance	3 m	Frenqucy Range	18GHz to 25GHz
Test Power :	DC 3.8V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
19975.000	39.50	16.59	56.09	74.00	-17.91	peak
19975.000	30.24	16.59	46.83	54.00	-7.17	AVG

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



4.2.7 TEST RESULTS (RESTRICTED BANDS REQUIREMENTS)

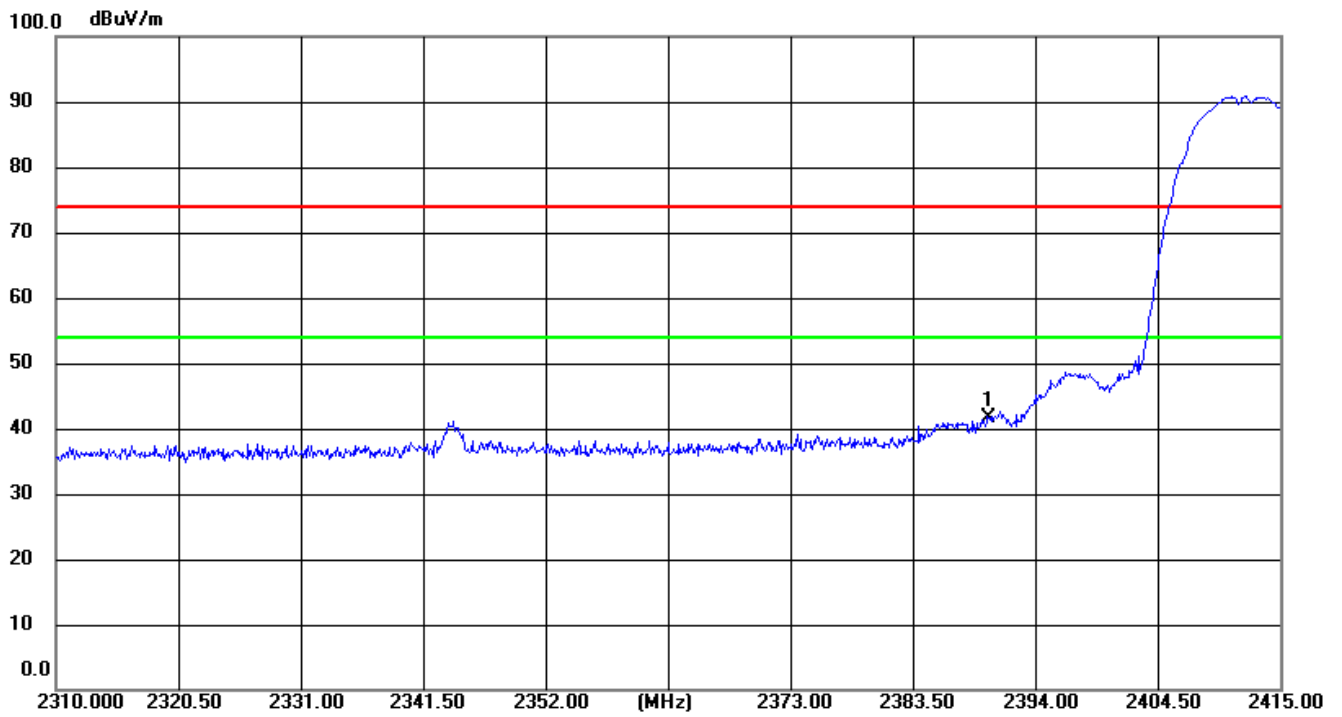
EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	51%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Date :	2021-04-16		
Test Mode :	802.11b Data rate 1Mbps		
Note :	1. The transmitter was setup to transmit at the lowest channel (CH01). Then the field strength was measured at 2310-2390 MHz. 2. The transmitter was setup to transmit at the highest channel (CH11). Then the field strength was measured at 2483.5-2500 MHz. 3. The data of 2390MHz and 2483.5MHz was the worst.		

Freq. (MHz)	Ant.Pol. H/V	Reading		Ant/CF CF(dB)	Act		Limit		Note
		Peak (dBuv)	AV (dBuv)		Peak (dBuv/m)	AV (dBuv/m)	Peak (dBuv/m)	AV (dBuv/m)	
2390.00	H	47.30	--	-5.79	41.51	--	74.00	54.00	CH01
2390.00	V	44.91	--	-5.79	39.12	--	74.00	54.00	CH01
2483.50	H	47.65	--	-4.98	42.67	--	74.00	54.00	CH11
2483.50	V	44.03	--	-4.98	39.05	--	74.00	54.00	CH11

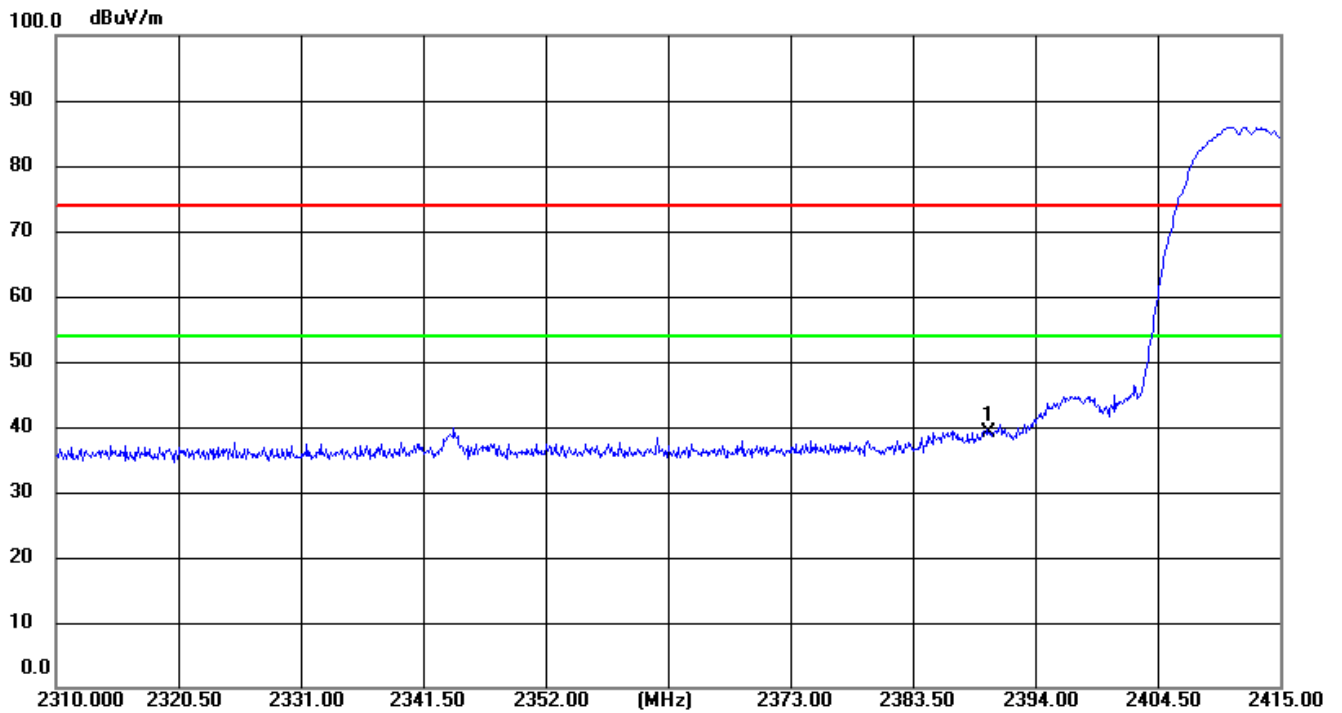
Remark :

- (1) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode
- (2) EUT Orthogonal Axis :
“X” - denotes Laid on Table ; ”Y” - denotes Vertical Stand ; ”Z” - denotes Side Stand
- (3) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna
- (4) Corr.Factor = Antenna Factor + Cable Loss – Pre-amplifier.

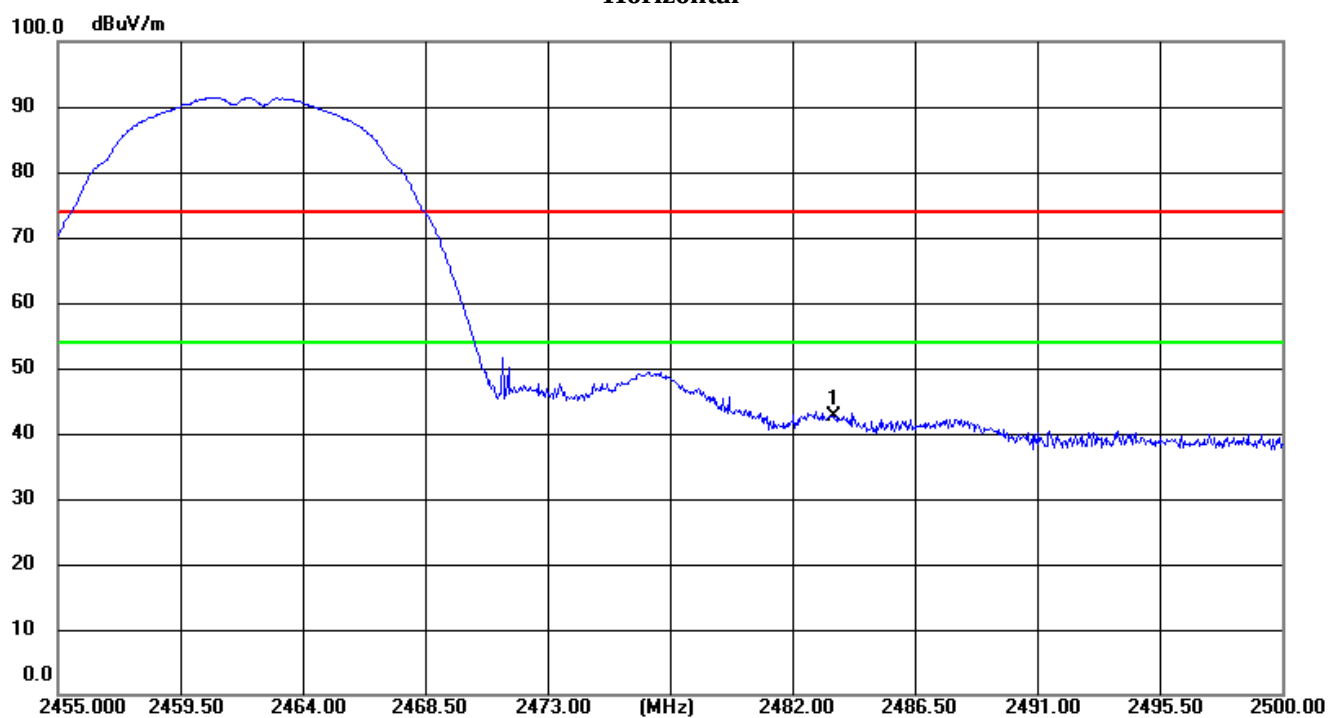
Horizontal



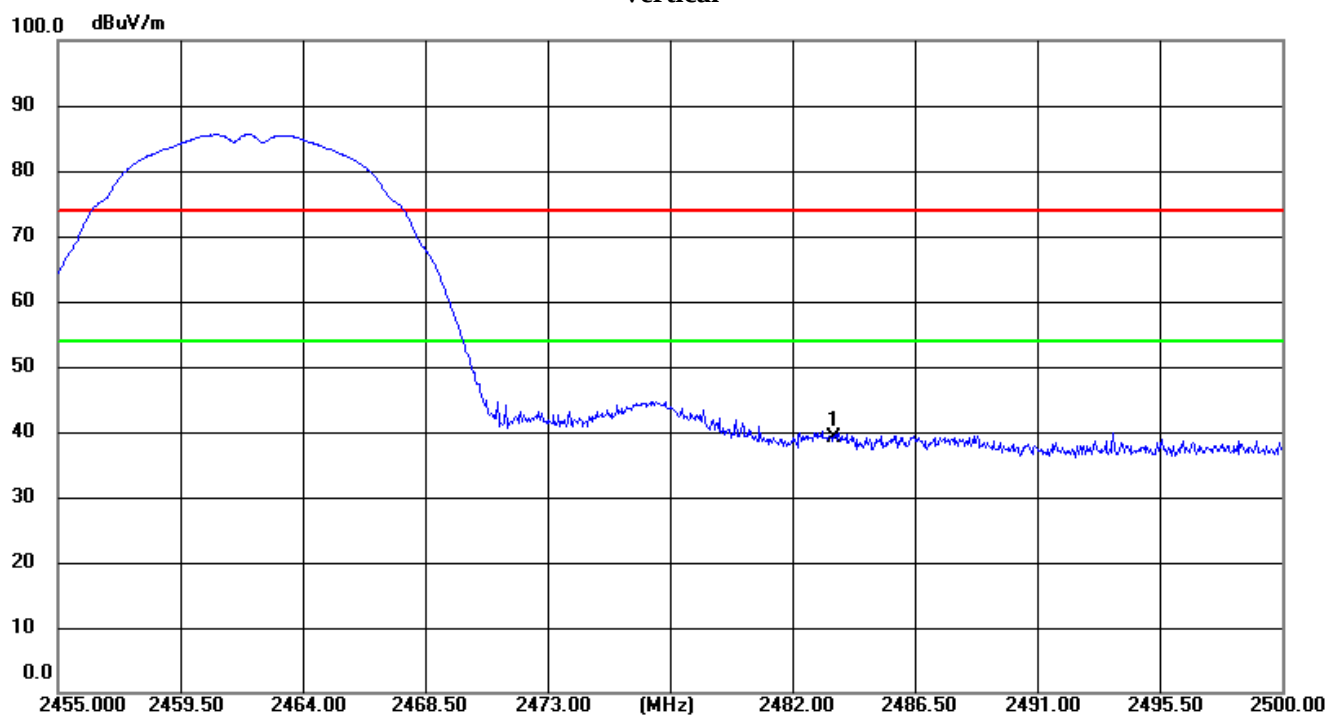
Vertical



Horizontal



Vertical



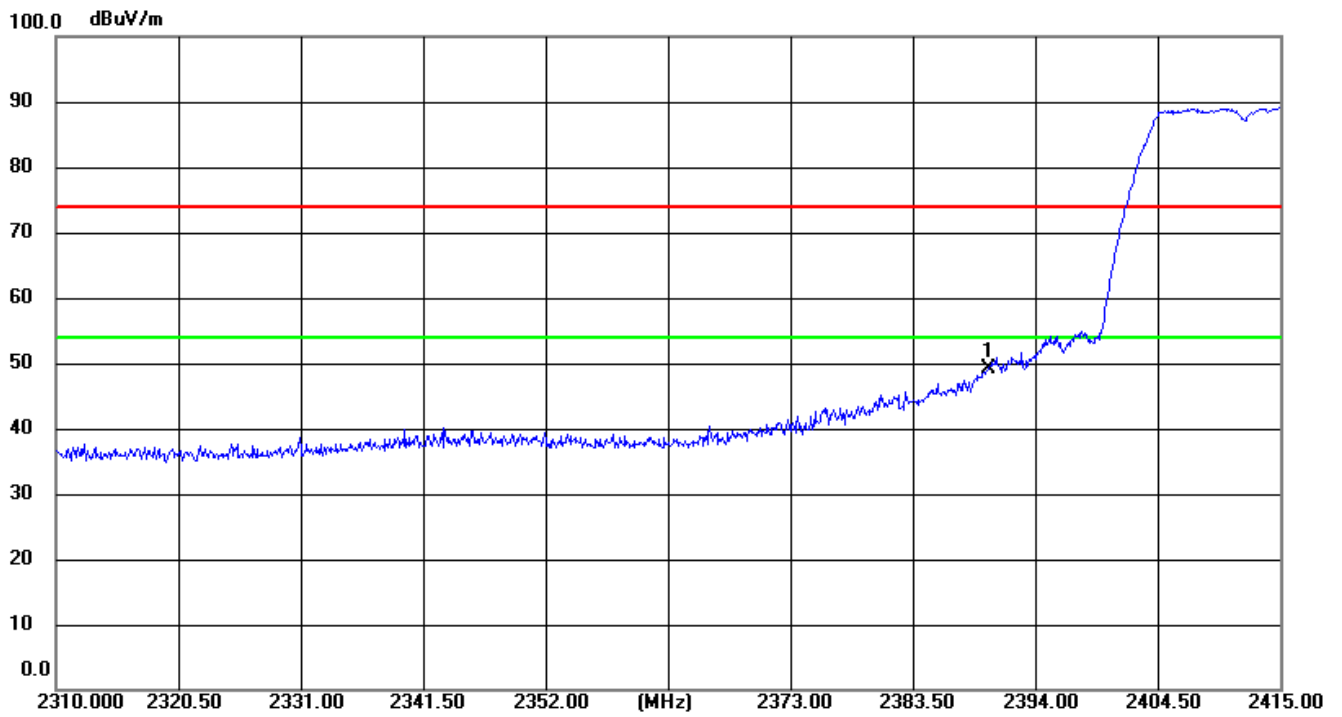
EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	51%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Date :	2021-04-16		
Test Mode :	802.11g Data rate 6Mbps		
Note :	1. The transmitter was setup to transmit at the lowest channel (CH01). Then the field strength was measured at 2310-2390 MHz. 2. The transmitter was setup to transmit at the highest channel (CH11). Then the field strength was measured at 2483.5-2500 MHz. 3. The data of 2390MHz and 2483.5MHz was the worst.		

Freq. (MHz)	Ant.Pol. H/V	Reading		Ant/CF CF(dB)	Act		Limit		Note
		Peak (dBuv)	AV (dBuv)		Peak (dBuv/m)	AV (dBuv/m)	Peak (dBuv/m)	AV (dBuv/m)	
2390.00	H	55.01	--	-5.79	49.22	--	74.00	54.00	CH01
2390.00	V	49.26	--	-5.79	43.47	--	74.00	54.00	CH01
2483.50	H	54.67	--	-4.98	49.69	--	74.00	54.00	CH11
2483.50	V	50.73	--	-4.98	45.75	--	74.00	54.00	CH11

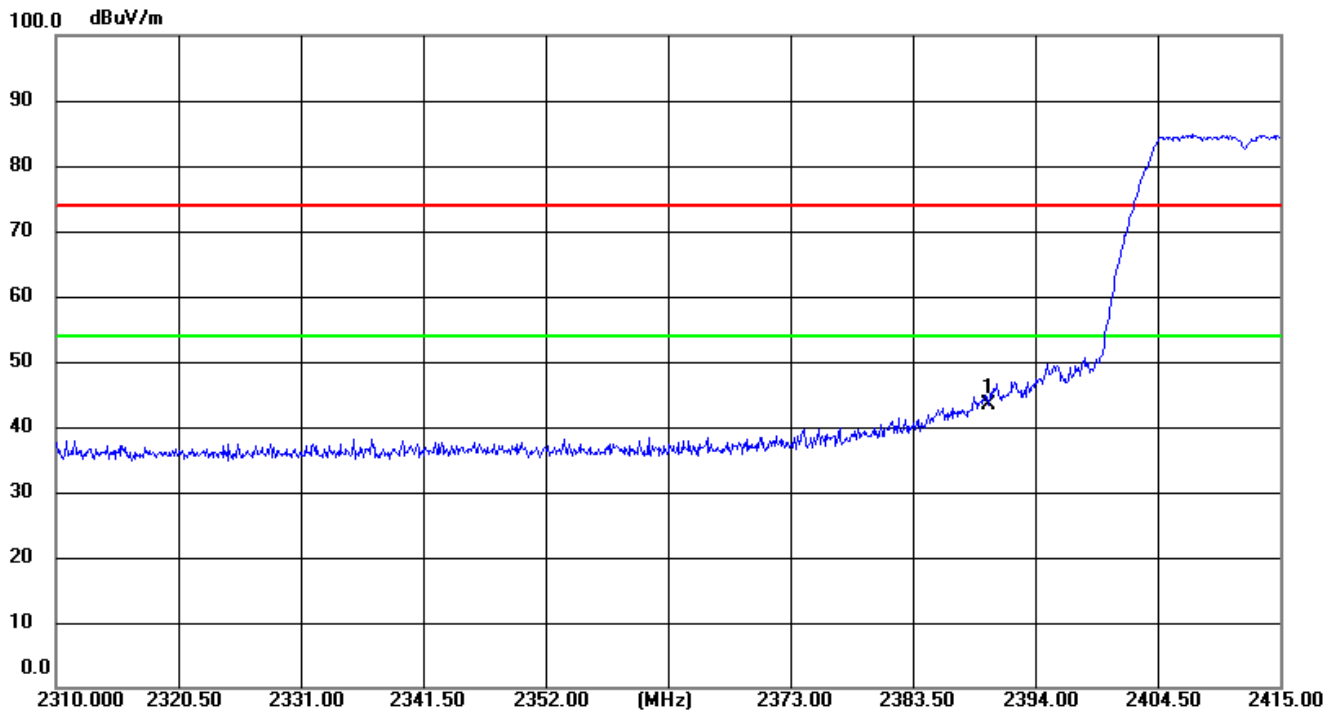
Remark :

- (1) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode
- (2) EUT Orthogonal Axis :
“X” - denotes Laid on Table ; ”Y” - denotes Vertical Stand ; ”Z” - denotes Side Stand
- (3) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna
- (4) Corr.Factor = Antenna Factor + Cable Loss – Pre-amplifier.

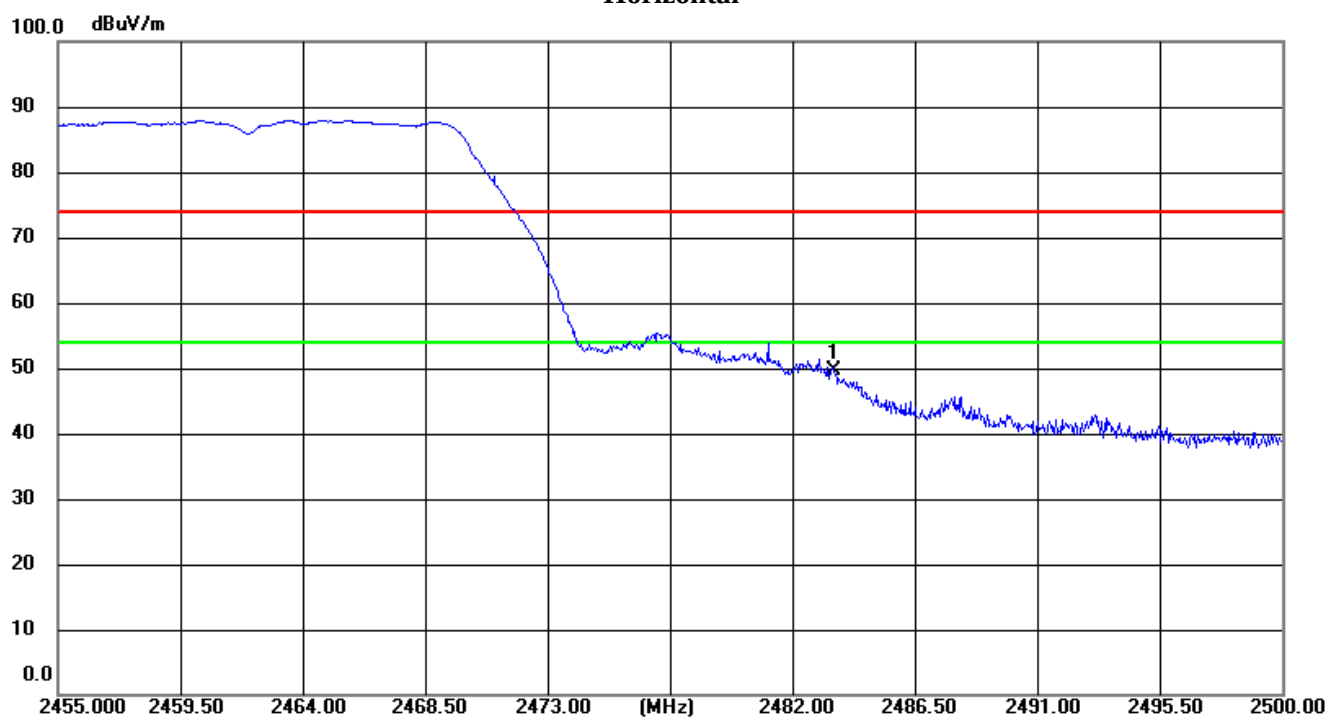
Horizontal



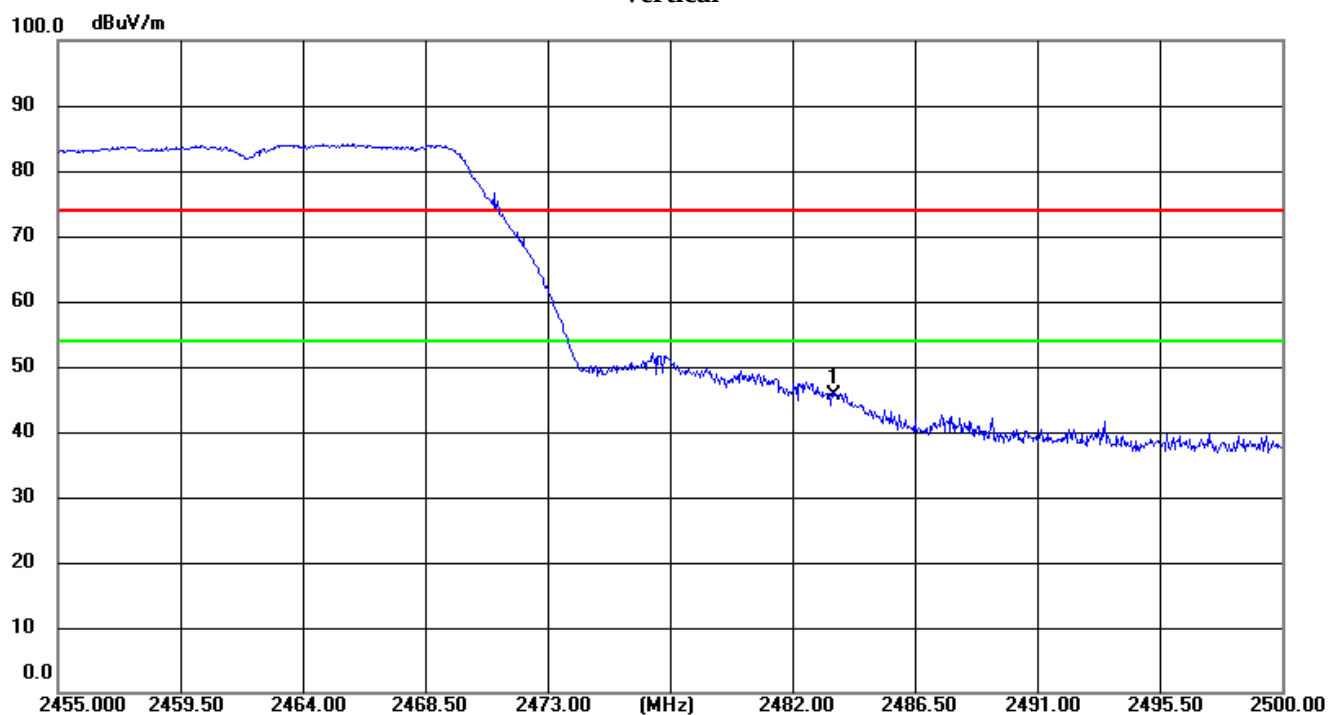
Vertical



Horizontal



Vertical



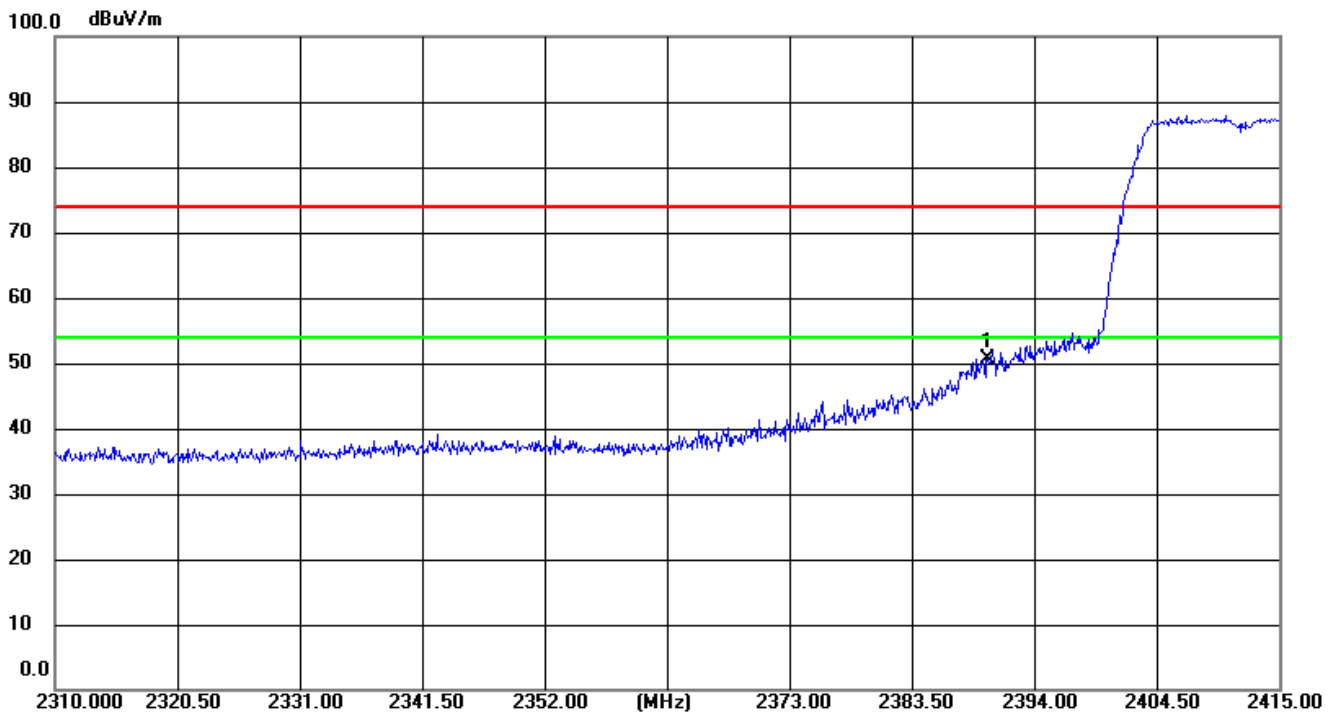
EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	51%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Date :	2021-04-16		
Test Mode :	802.11n20 Data rate 6.5Mbps		
Note :	1. The transmitter was setup to transmit at the lowest channel (CH01). Then the field strength was measured at 2310-2390 MHz. 2. The transmitter was setup to transmit at the highest channel (CH11). Then the field strength was measured at 2483.5-2500 MHz. 3. The data of 2390MHz and 2483.5MHz was the worst.		

Freq. (MHz)	Ant.Pol. H/V	Reading		Ant/CF CF(dB)	Act		Limit		Note
		Peak (dBuv)	AV (dBuv)		Peak (dBuv/m)	AV (dBuv/m)	Peak (dBuv/m)	AV (dBuv/m)	
2390.00	H	56.52	--	-5.79	50.73	--	74.00	54.00	CH01
2390.00	V	51.68	--	-5.79	45.89	--	74.00	54.00	CH01
2483.50	H	55.07	--	-4.98	50.09	--	74.00	54.00	CH11
2483.50	V	51.72	--	-4.98	46.74	--	74.00	54.00	CH11

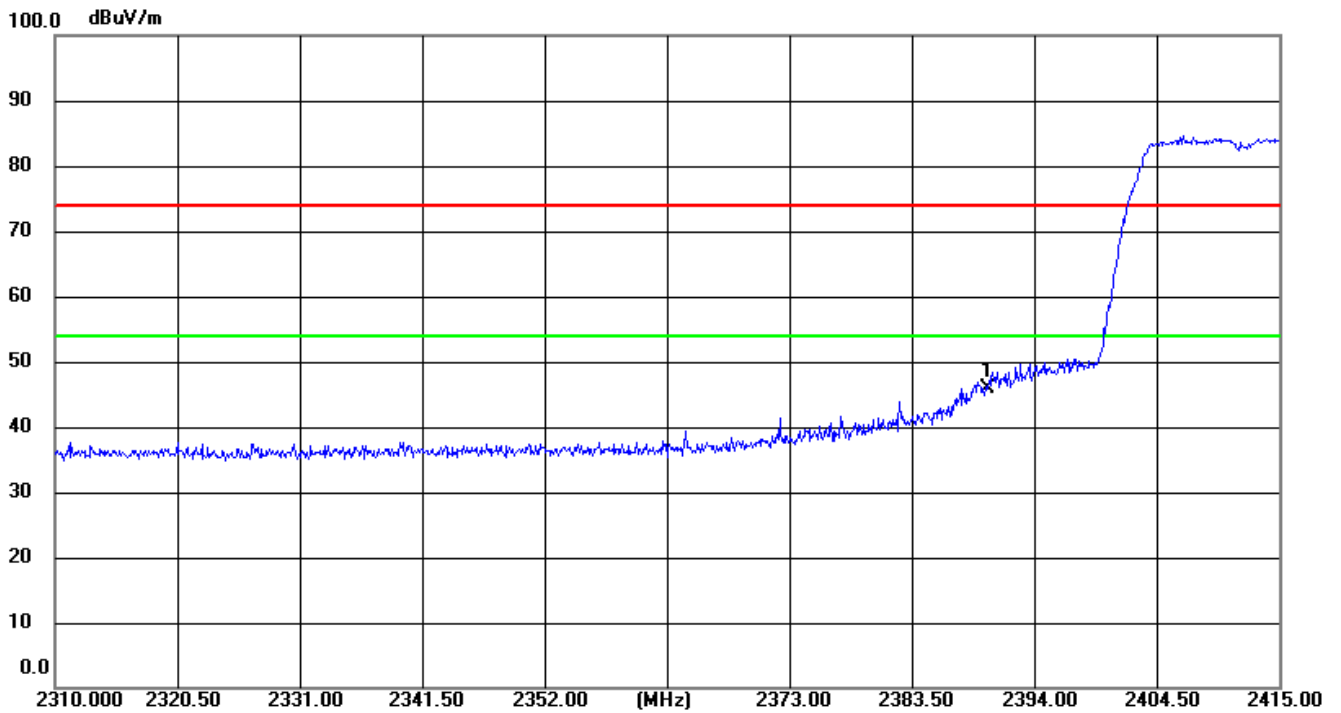
Remark :

- (1) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode
- (2) EUT Orthogonal Axis :
“X” - denotes Laid on Table ; ”Y” - denotes Vertical Stand ; ”Z” - denotes Side Stand
- (3) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna
- (4) Corr.Factor = Antenna Factor + Cable Loss – Pre-amplifier.

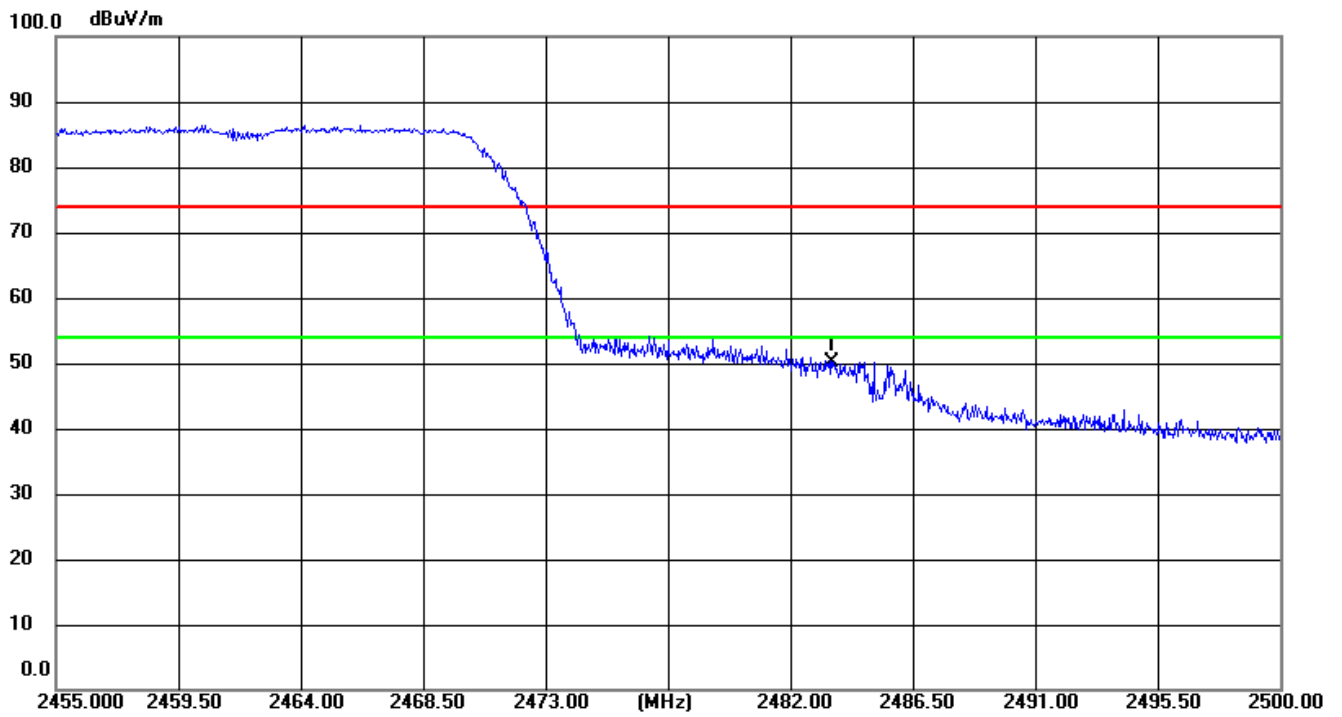
Horizontal



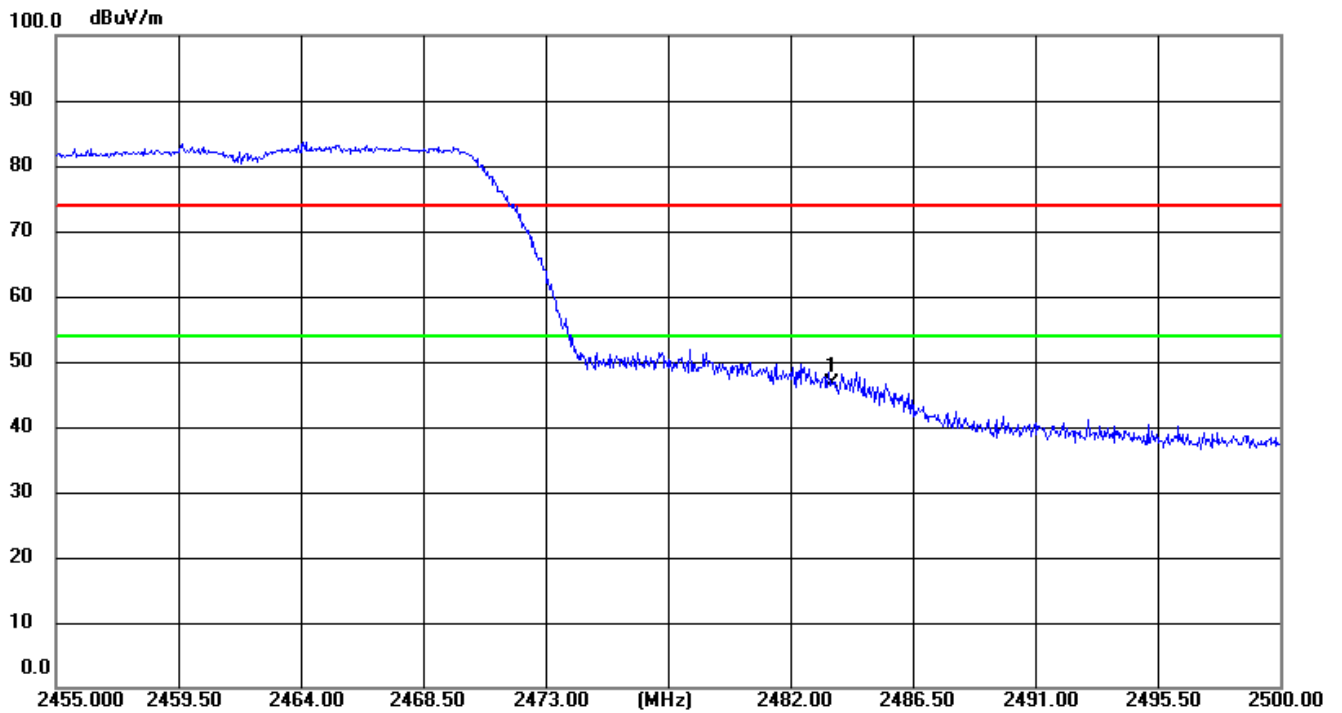
Vertical



Horizontal



Vertical



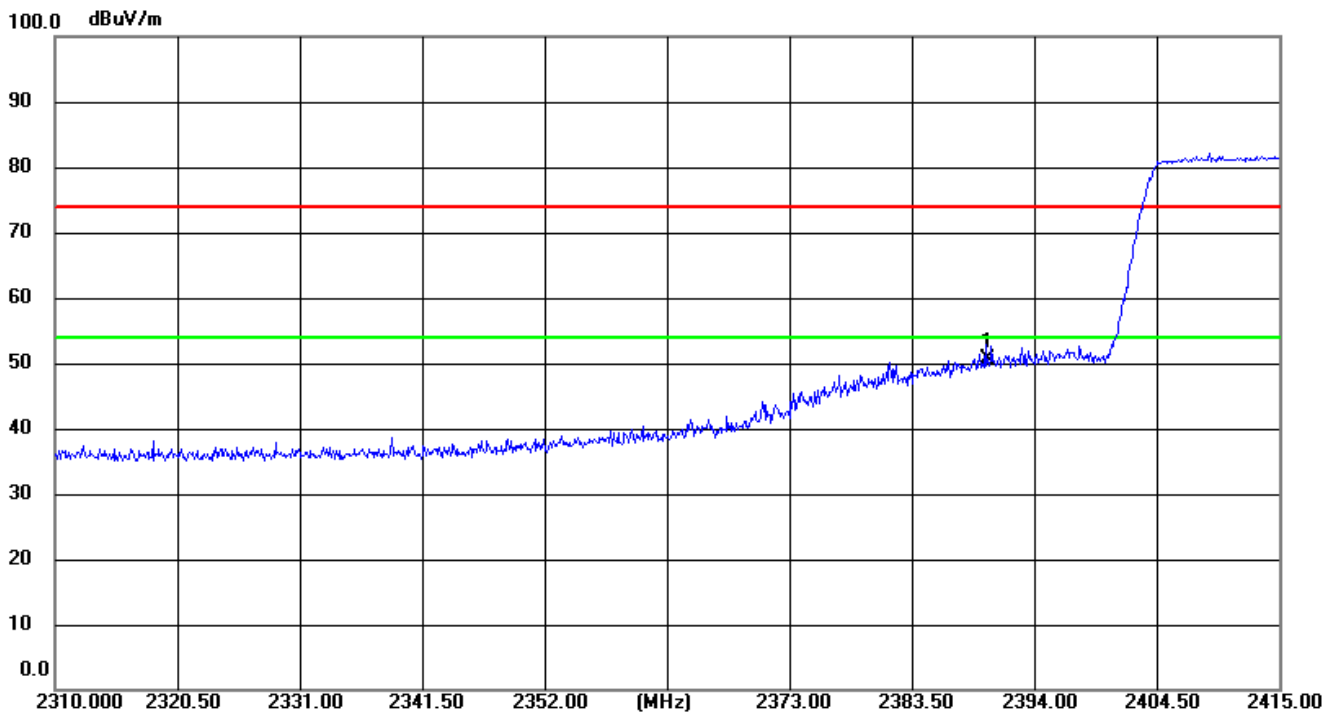
EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	24 °C	Relative Humidity :	51%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	802.11n40 Data rate 13.5Mbps		
Test Date :	2021-04-16		
Note :	1. The transmitter was setup to transmit at the lowest channel (CH03). Then the field strength was measured at 2310-2390 MHz. 2. The transmitter was setup to transmit at the highest channel (CH09). Then the field strength was measured at 2483.5-2500 MHz. 3. The data of 2390MHz and 2483.5MHz was the worst.		

Freq. (MHz)	Ant.Pol. H/V	Reading		Ant/CF CF(dB)	Act		Limit		Note
		Peak (dBuv)	AV (dBuv)		Peak (dBuv/m)	AV (dBuv/m)	Peak (dBuv/m)	AV (dBuv/m)	
2390.00	H	56.42	--	-5.79	50.63	--	74.00	54.00	CH03
2390.00	V	53.29	--	-5.79	47.50	--	74.00	54.00	CH03
2483.50	H	51.53	--	-4.98	46.55	--	74.00	54.00	CH09
2483.50	V	50.19	--	-4.98	45.21	--	74.00	54.00	CH09

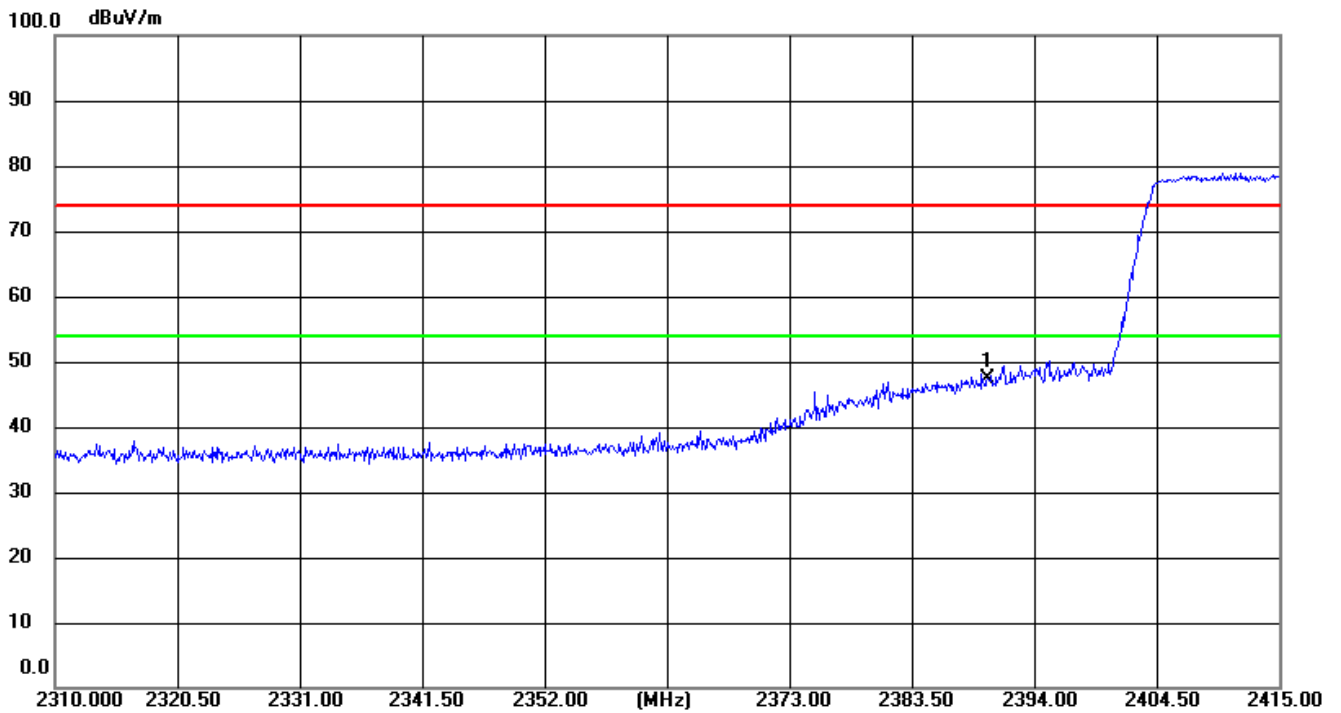
Remark :

- (1) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode
- (2) EUT Orthogonal Axis :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (3) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna
- (4) Corr.Factor = Antenna Factor + Cable Loss – Pre-amplifier.

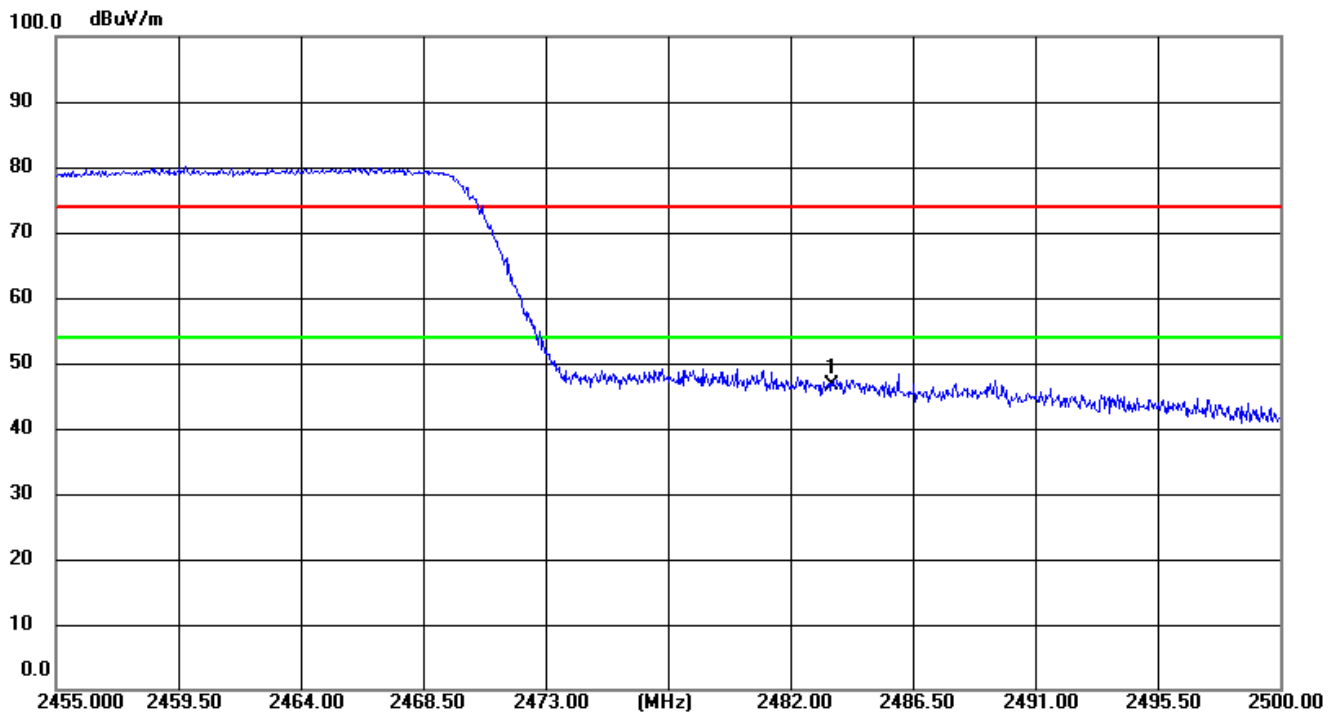
Horizontal



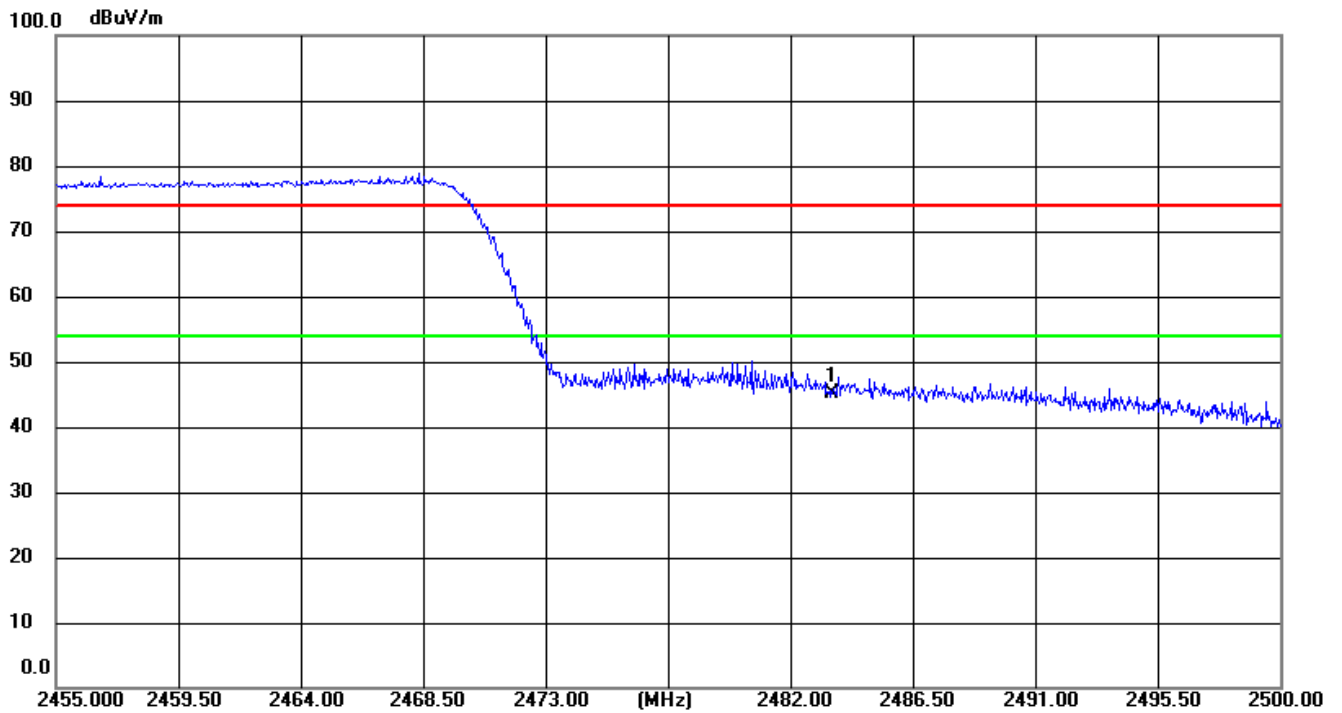
Vertical



Horizontal



Vertical



5. OCCUPIED BANDWIDTH TEST

5.1 APPLIED PROCEDURES / LIMIT

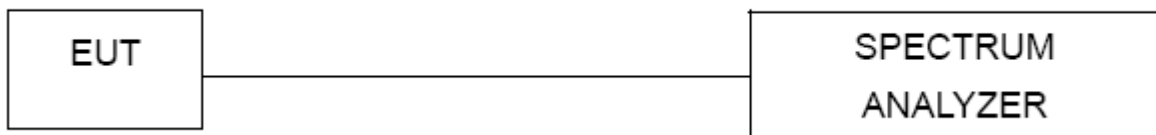
LP0002				
Section	Test Item	Limit	Frequency Range (MHz)	Result
4.10.1(6.2.1)	Bandwidth	$\geq 500\text{kHz}$ (6dB bandwidth)	2400-2483.5	PASS

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	$>$ Measurement Bandwidth or Channel Separation
RB	100 kHz (6dB Bandwidth) / 100 kHz (Channel Separation)
VB	300 kHz (6dB Bandwidth) / 300 kHz (Channel Separation)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

5.1.1 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- Spectrum Setting : RBW= 100kHz, VBW=300kHz, Sweep time = Auto.

5.1.2 TEST SETUP



5.1.3 EUT OPERATION CONDITIONS

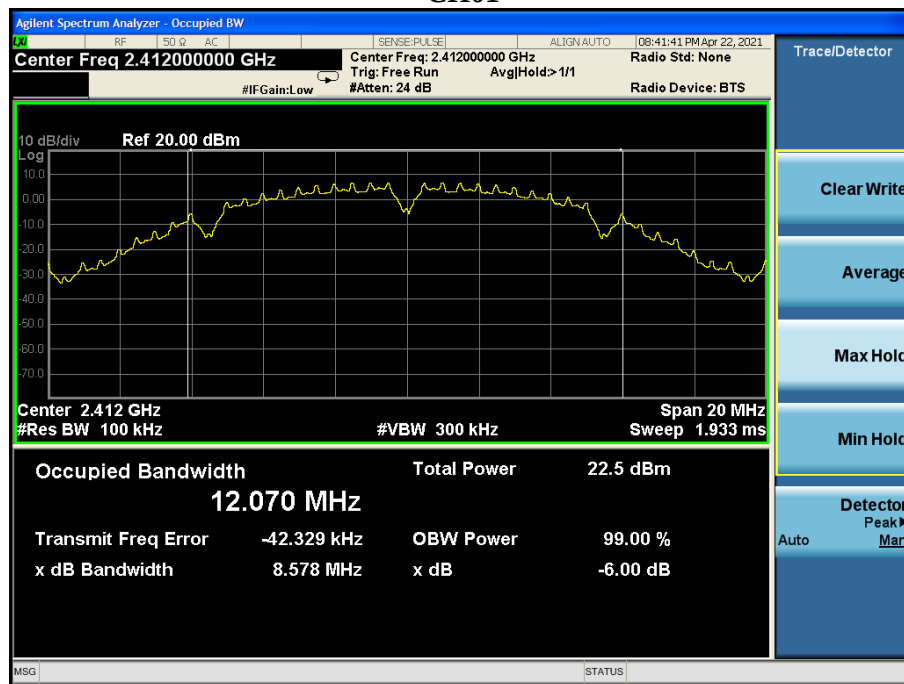
The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

5.1.4 TEST RESULTS

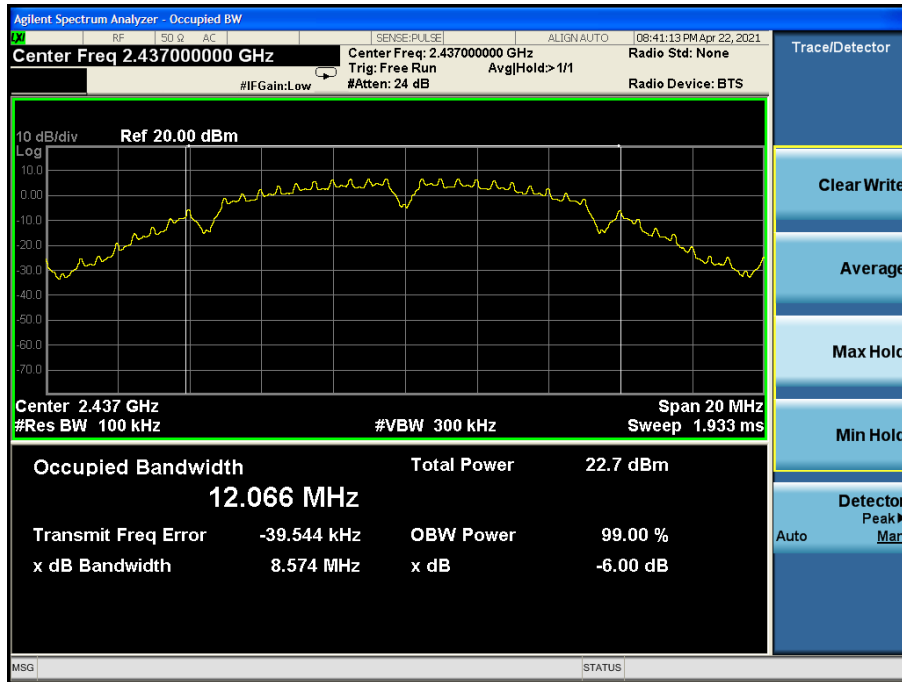
EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	CH01 / CH06 /CH11(802.11b Data rate 1Mbps)		
Test Date :	2021-03-28		

Frequency	6dB Bandwidth (MHz)	Limit (kHz)	Result
2412 MHz	8.578	≥ 500	Pass
2437 MHz	8.574	≥ 500	Pass
2462 MHz	8.117	≥ 500	Pass

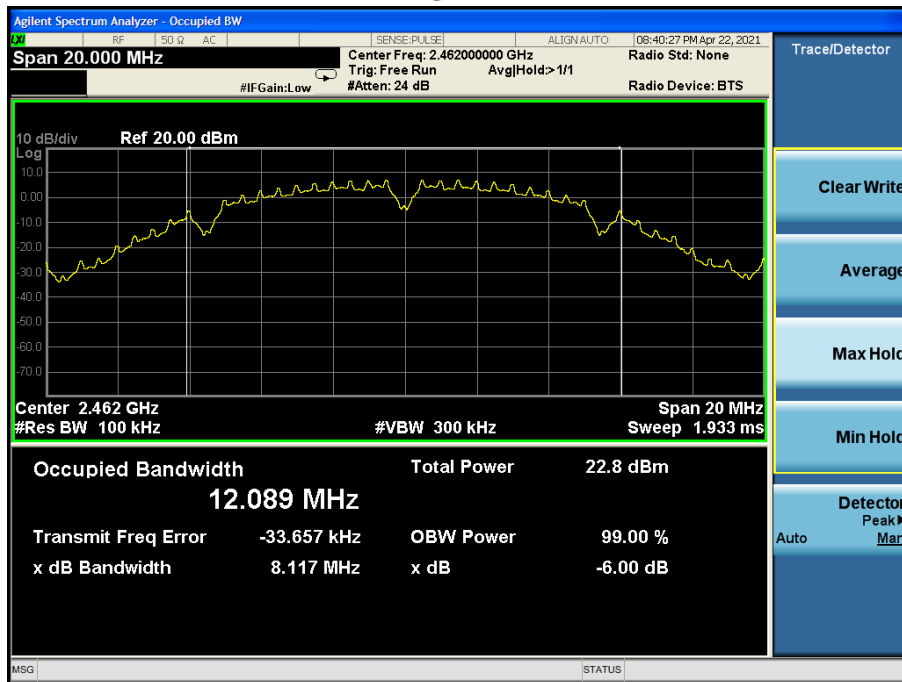
CH01



CH06



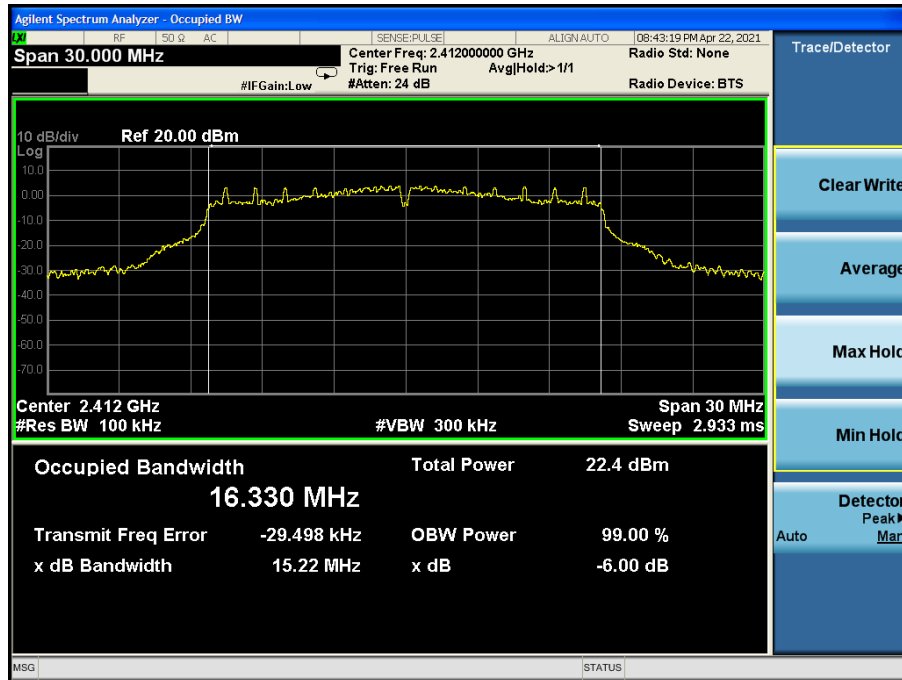
CH11



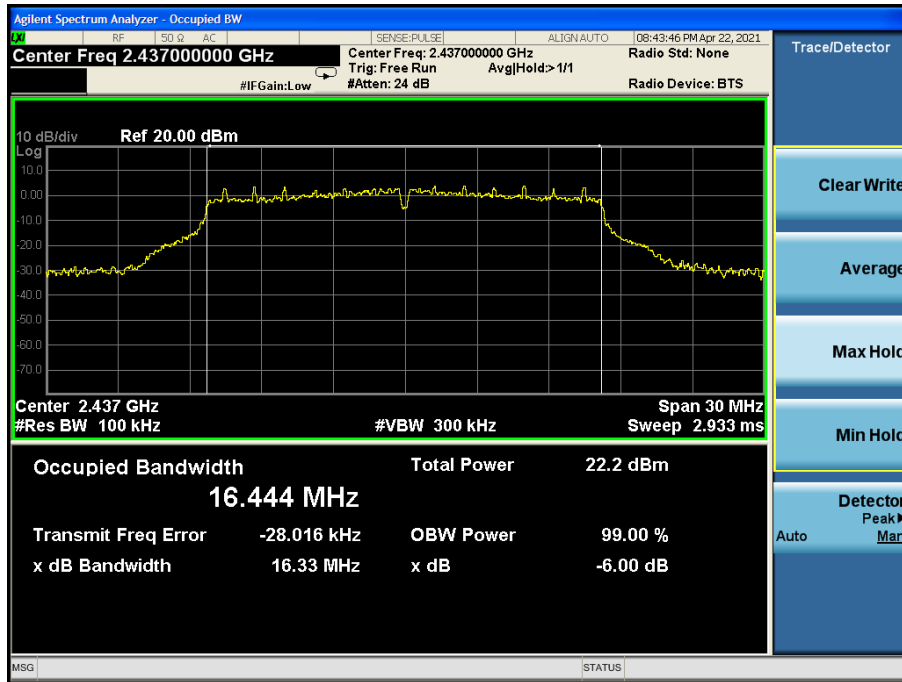
EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	CH01 / CH06 / CH11(802.11g Data rate 6Mbps)		
Test Date :	2021-03-28		

Frequency	6dB Bandwidth (MHz)	Limit (kHz)	Result
2412 MHz	15.22	≥ 500	Pass
2437 MHz	16.33	≥ 500	Pass
2462 MHz	15.37	≥ 500	Pass

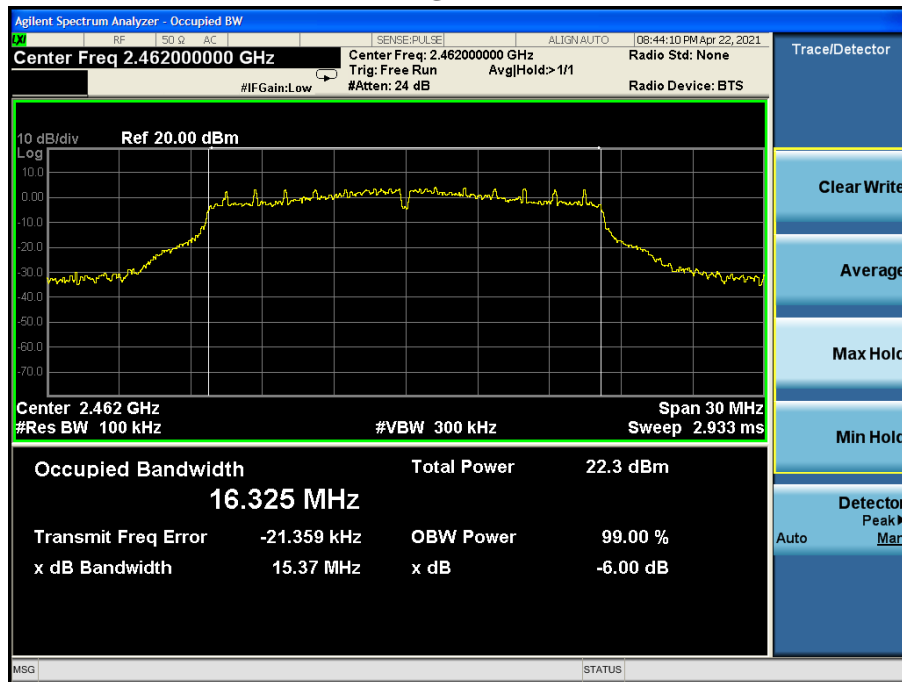
CH01



CH06



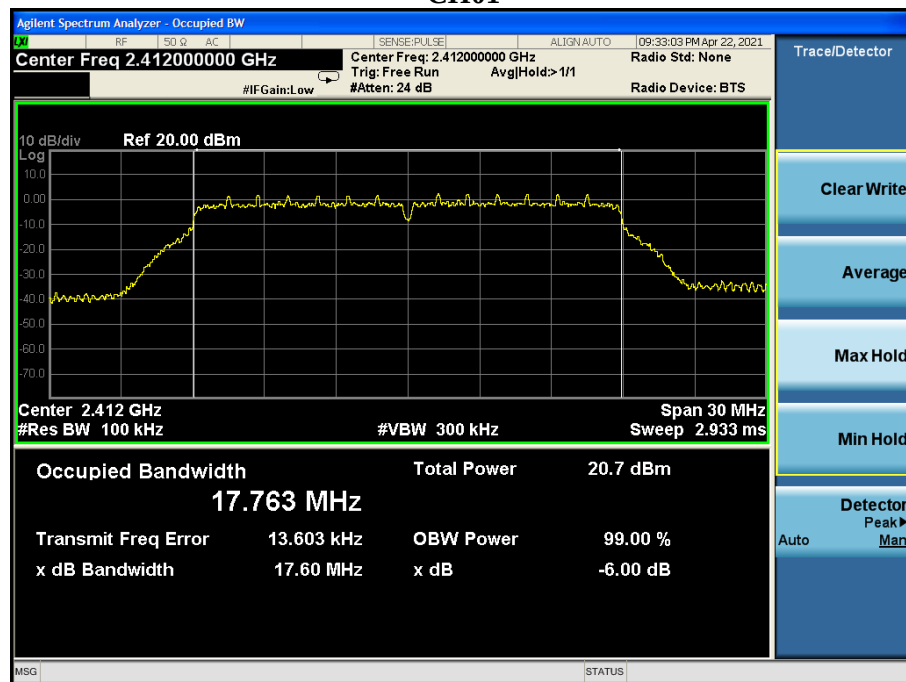
CH11



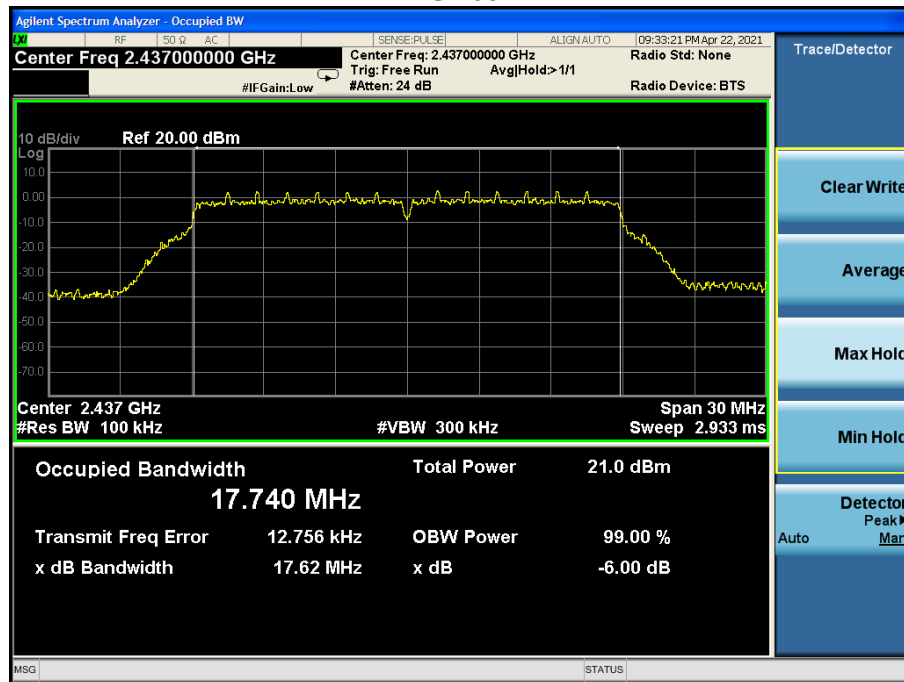
EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	CH01 / CH06/ CH11(802.11n20 Data rate 6.5Mbps)		
Test Date :	2021-03-28		

Frequency	6dB Bandwidth (MHz)	Limit (kHz)	Result
2412 MHz	17.60	≥ 500	Pass
2437 MHz	17.62	≥ 500	Pass
2462 MHz	17.62	≥ 500	Pass

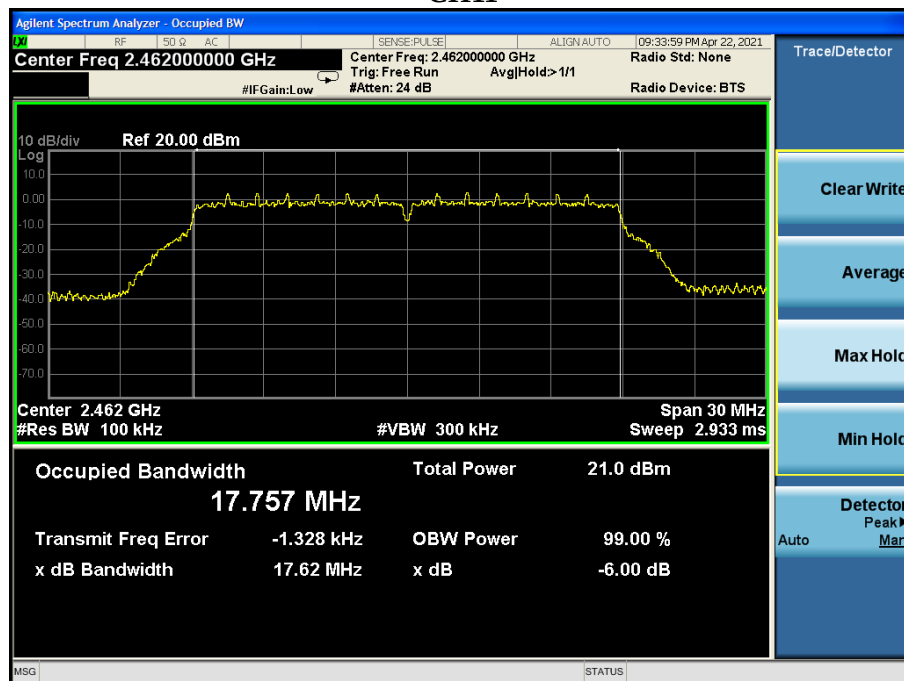
CH01



CH06



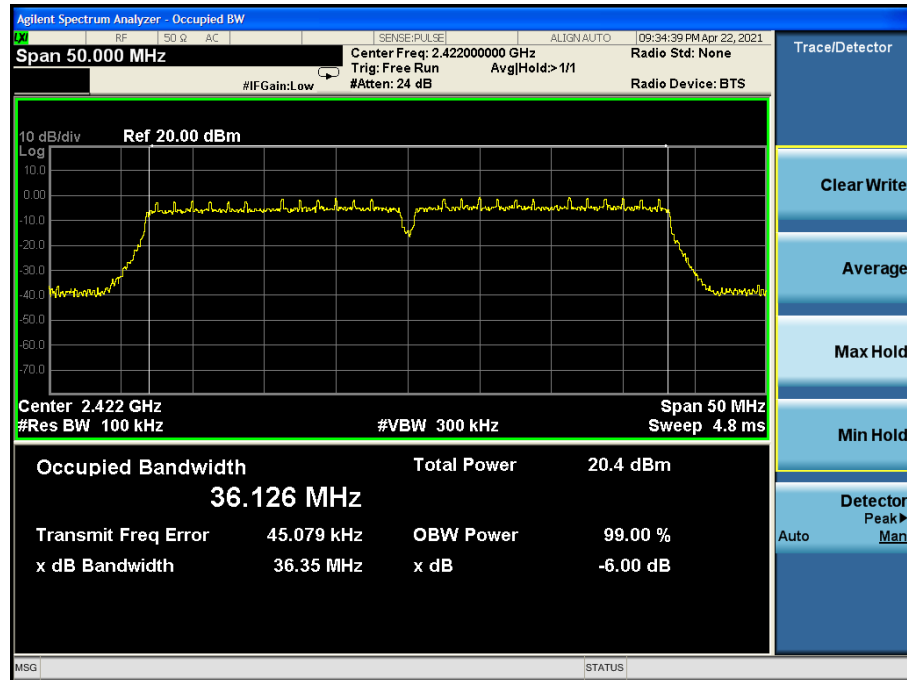
CH11



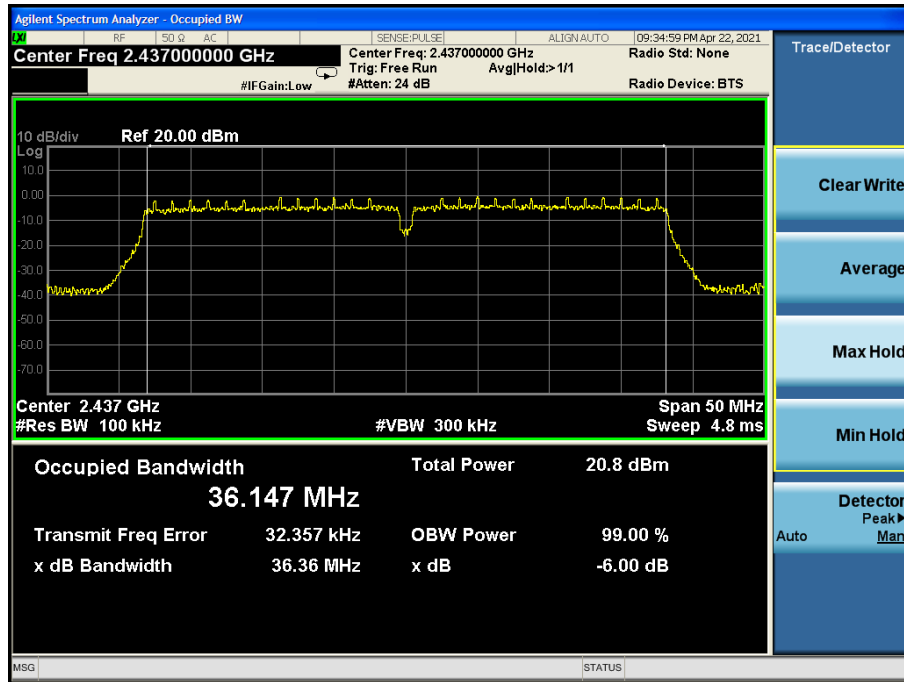
EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	CH03 / CH06/ CH09(802.11n40 Data rate 13.5Mbps)		
Test Date :	2021-03-28		

Frequency	6dB Bandwidth (MHz)	Limit (kHz)	Result
2422MHz	36.35	≥ 500	Pass
2437 MHz	36.36	≥ 500	Pass
2452 MHz	36.36	≥ 500	Pass

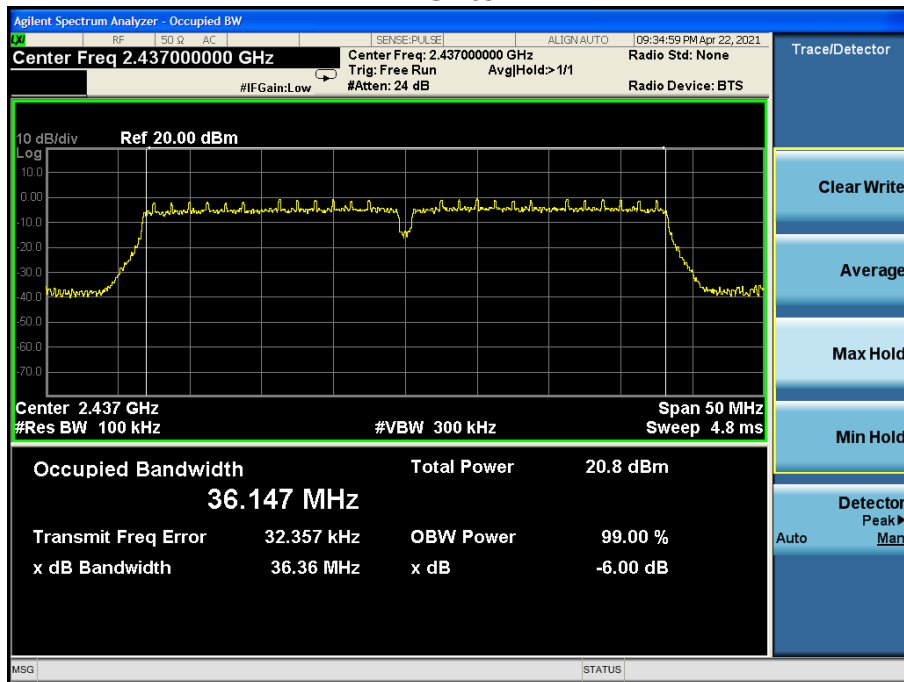
CH03



CH06



CH09



6. POWER DENSITY

6.1 APPLIED PROCEDURES / LIMIT

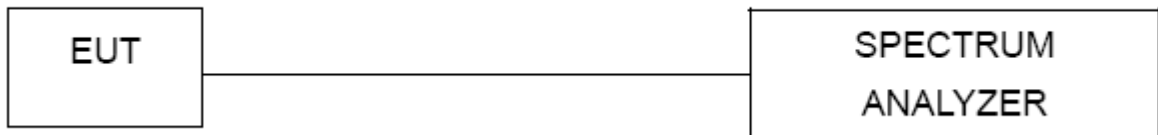
LP0002				
Section	Test Item	Limit	Frequency Range (MHz)	Result
4.10.1(6.2.2)	Power density	8dBm	2400-2483.5	PASS

Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	Set the span to 1.5 times the DTS bandwidth.
RB	3 kHz
VB	10 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

6.1.1 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- Spectrum Setting : RBW= 3kHz, VBW=10kHz, Detector = Peak, Trace = Max Hold.

6.1.2 TEST SETUP



6.1.3 EUT OPERATION CONDITIONS

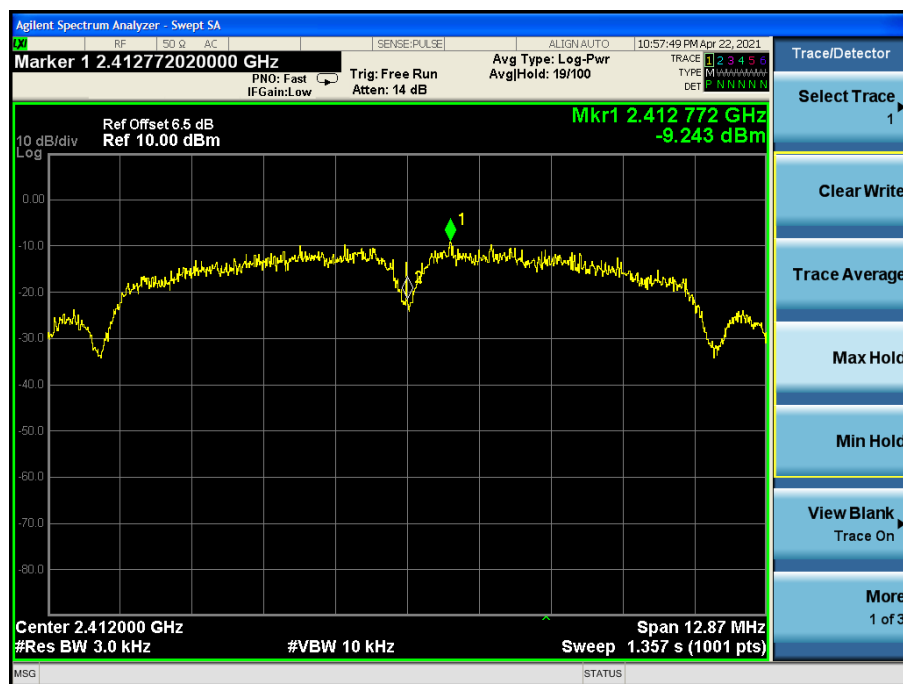
The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

6.1.4 TEST RESULTS

EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	CH01 /CH06 /CH11 (802.11b Data rate 1Mbps)		
Test Date :	2021-03-28		

Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH01	2412 MHz	-9.243	8
CH06	2437 MHz	-9.582	8
CH11	2462 MHz	-8.811	8

CH01



CH06



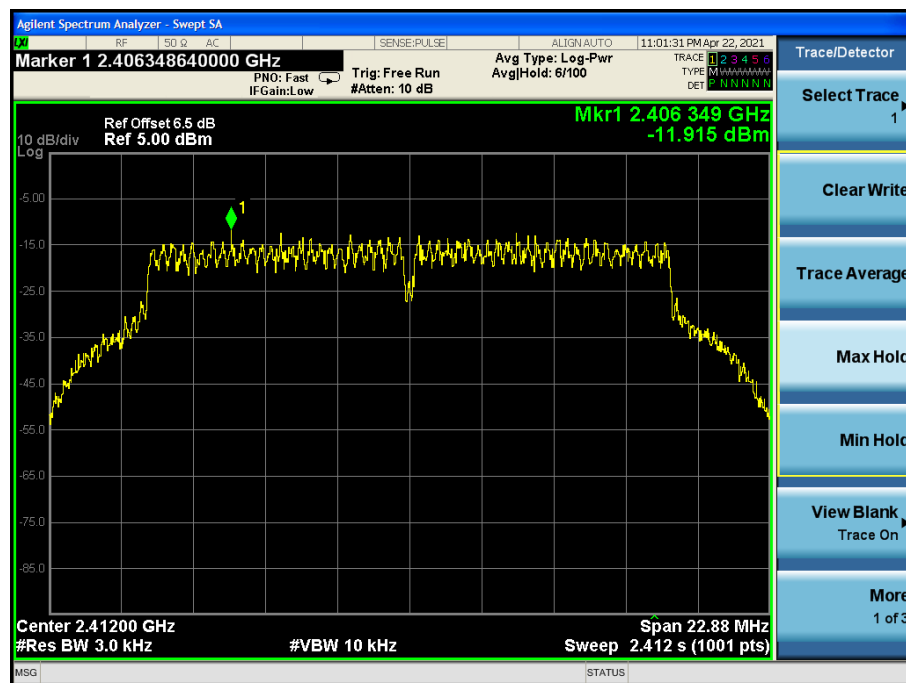
CH11



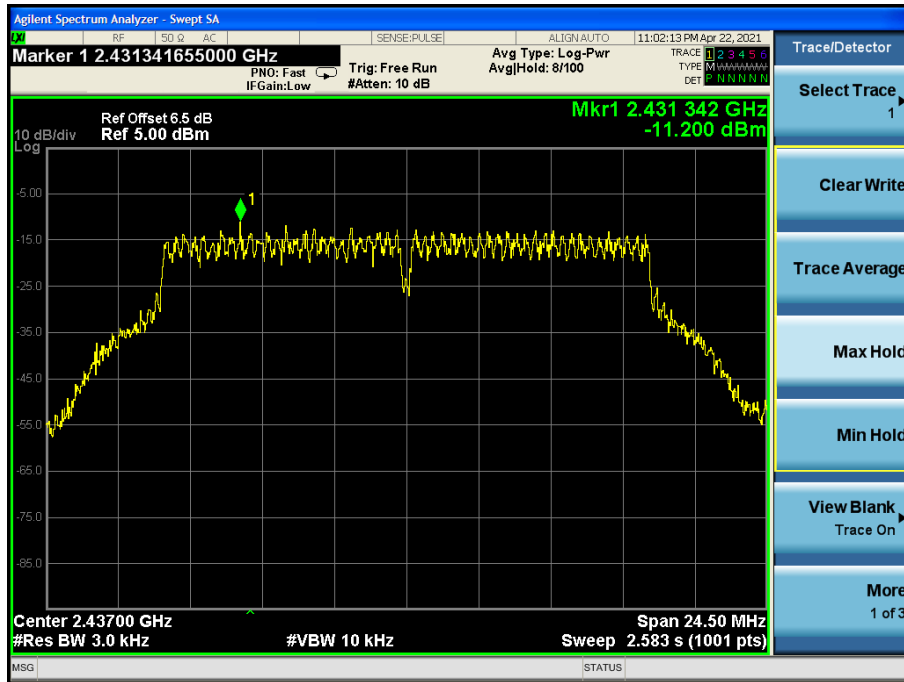
EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	CH01 / CH06/CH11 (802.11g Data rate 6Mbps)		
Test Date :	2021-03-28		

Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH01	2412 MHz	-11.915	8
CH06	2437 MHz	-11.200	8
CH11	2462 MHz	-11.434	8

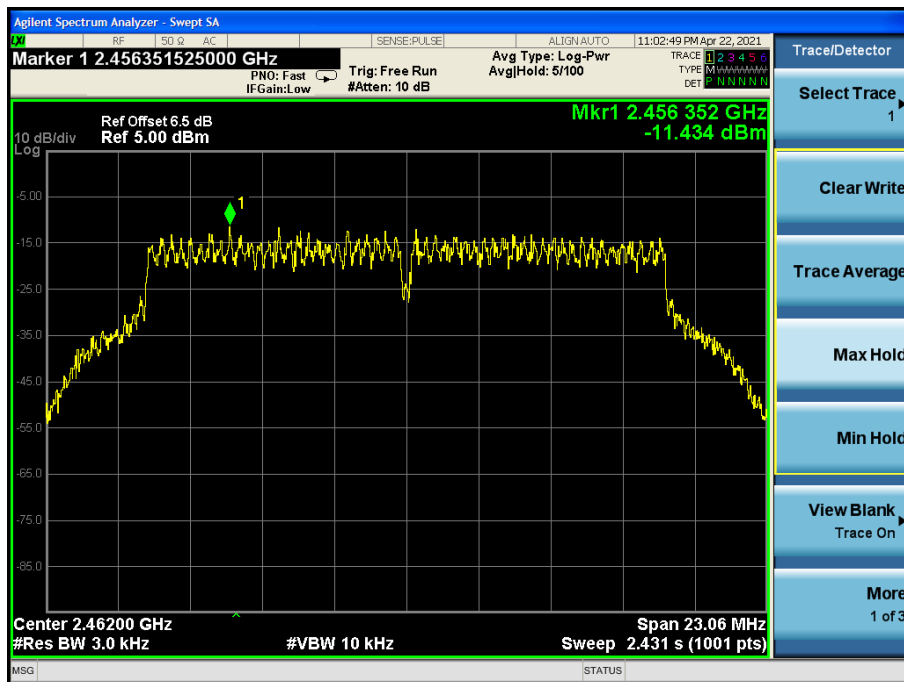
CH01



CH06



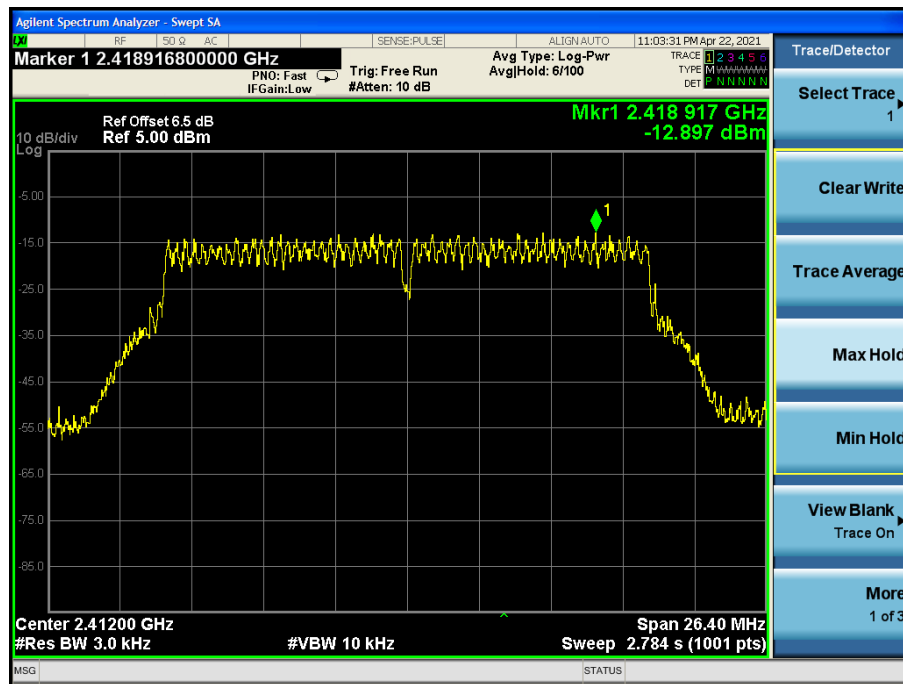
CH11



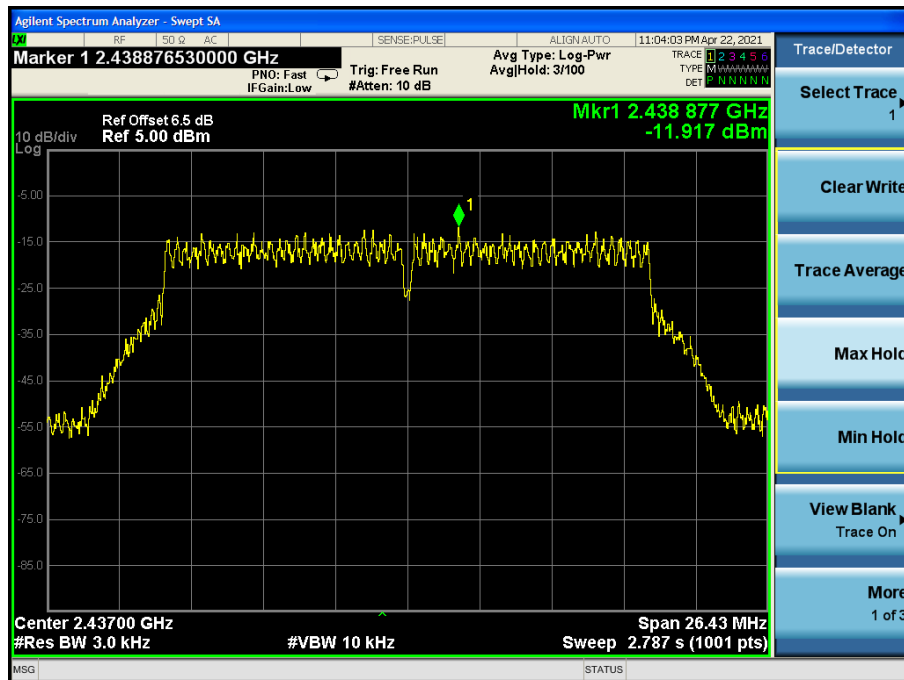
EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	CH01 / CH06/ CH11 (802.11n20 Data rate 6.5Mbps)		
Test Date :	2021-03-28		

Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH01	2412 MHz	-12.897	8
CH06	2437 MHz	-11.917	8
CH11	2462 MHz	-11.762	8

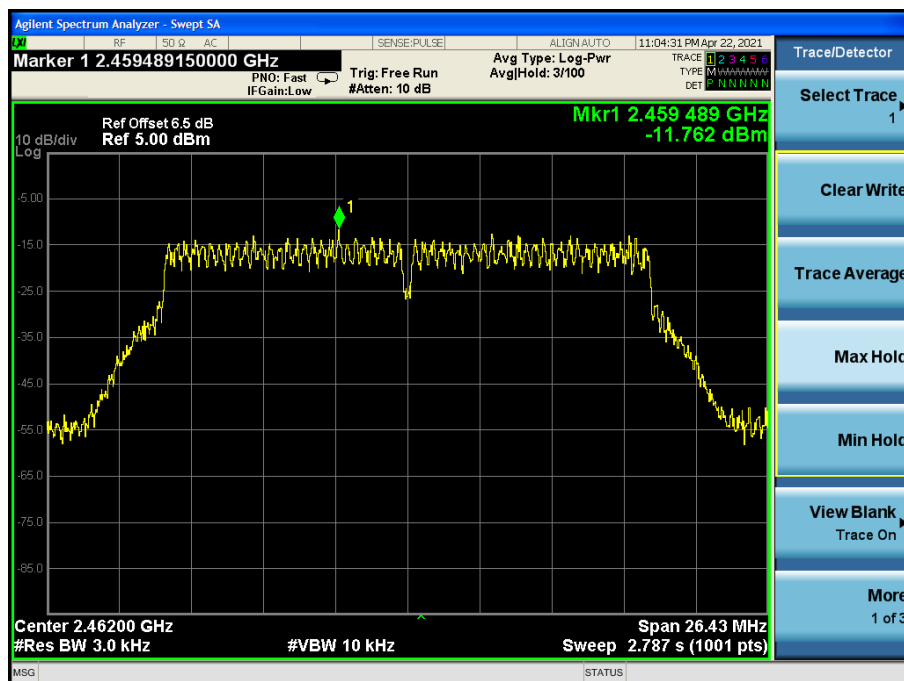
CH01



CH06



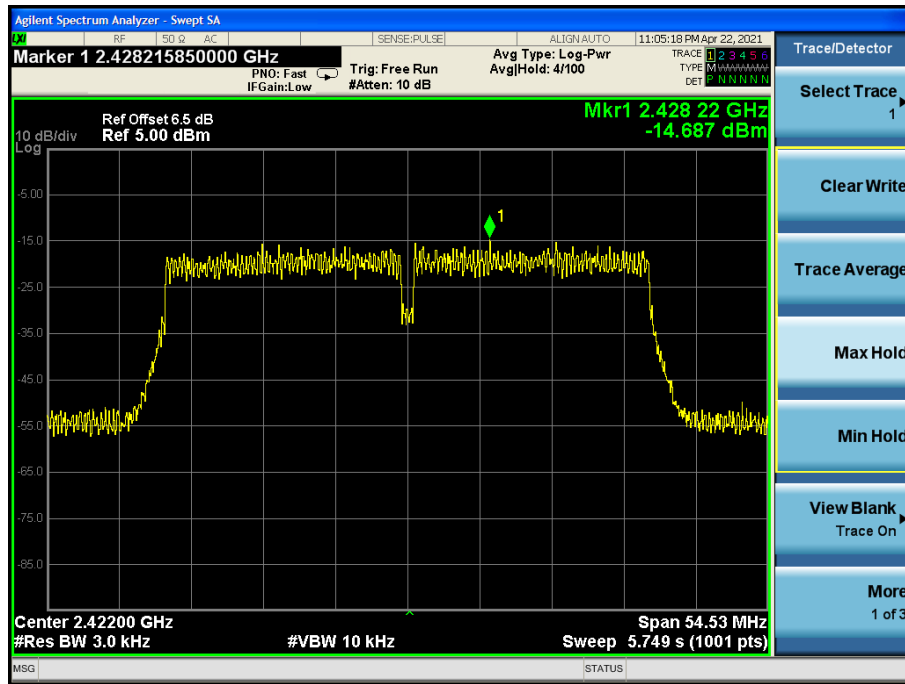
CH11



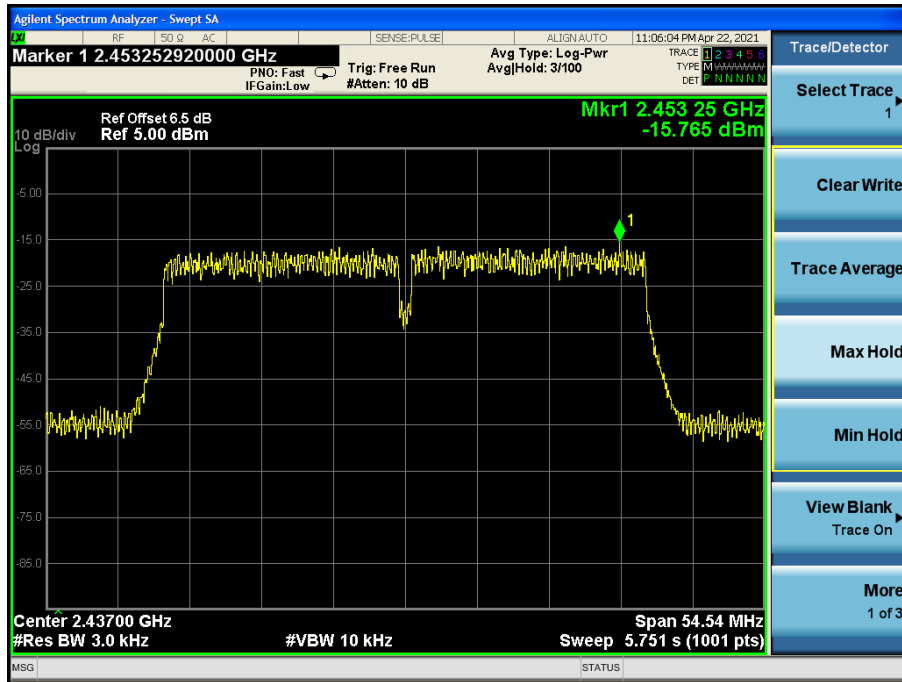
EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	CH03 / CH06/ CH09 (802.11n40 Data rate 13.5Mbps)		
Test Date :	2021-03-28		

Test Channel	Frequency (MHz)	Power Density (dBm)	Total Power Density (dBm)	LIMIT (dBm)
CH03	2412 MHz	-14.687	--	8
CH06	2437 MHz	-15.765	--	8
CH09	2462 MHz	-15.095	--	8

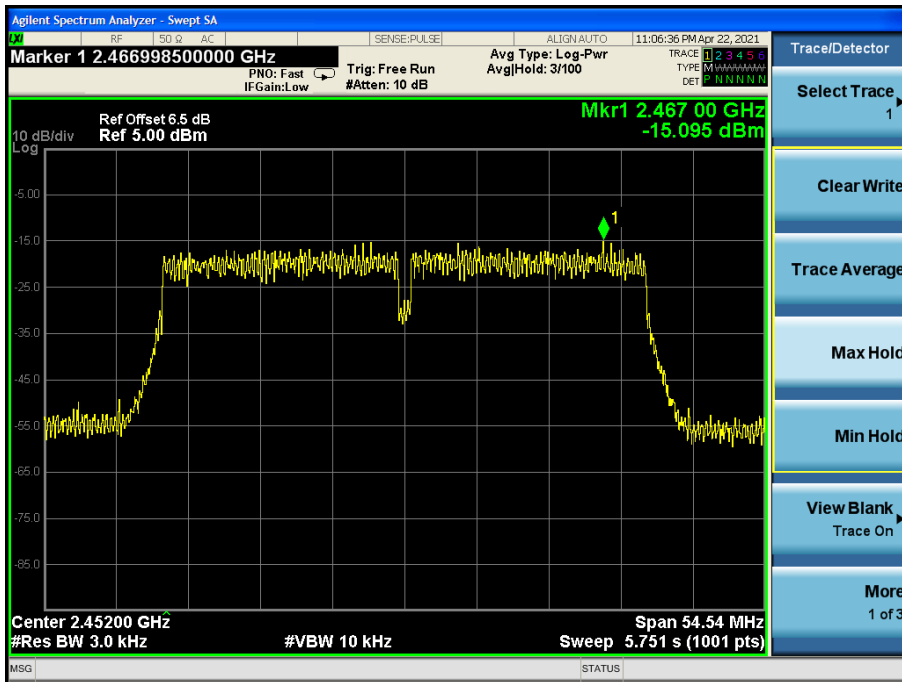
CH03



CH06



CH09



7. OUTPUT POWER TEST

7.1 APPLIED PROCEDURES / LIMIT

LP0002				
Section	Test Item	Limit	Frequency Range (MHz)	Result
4.10.1(2)	Output Power	1 watt or 30dBm	2400-2483.5	PASS

7.1.1 TEST PROCEDURE

Test Method: ANSI C63.10-2013 Clause 11.9.1.3

1. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the power meter.
2. Measure out each test modes' peak or average output power, record the power level.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

7.1.5 TEST RESULTS

EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	CH01/ CH06 /CH11 (802.11b Data rate 1Mbps)		
Test Date :	2021-03-28		

Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH01	2412 MHz	15.03	30	1
CH06	2437MHz	14.90	30	1
CH11	2462 MHz	14.76	30	1

EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	CH01/ CH06 /CH11 (802.11g Data rate 6Mbps)		
Test Date :	2021-03-28		

Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH01	2412 MHz	14.72	30	1
CH06	2437MHz	14.57	30	1
CH11	2462 MHz	14.92	30	1

EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	CH01/ CH06 /CH11 (802.11n20 Data rate 6.5Mbps)		
Test Date :	2021-03-28		

Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH01	2412 MHz	13.53	30	1
CH06	2437MHz	13.71	30	1
CH11	2462 MHz	13.17	30	1

EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	CH03/ CH06 /CH09(802.11n40 Data rate 13.5Mbps)		
Test Date :	2021-03-28		

Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH03	2412 MHz	11.18	30	1
CH06	2437MHz	11.01	30	1
CH09	2462 MHz	11.89	30	1

8. ANTENNA CONDUCTED SPURIOUS EMISSION

8.1 APPLIED PROCEDURES / LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the modulation products of the spreading sequence, the information sequence and the carrier frequency shall be at least 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power or shall not exceed the general levels specified in Section 3.6.

Frequencies (MHz)	Field Strength (micorvolts/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

8.1.1 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- Spectrum Setting : RBW= 100kHz, VBW=300kHz, Sweep time = Auto.

8.1.2 TEST SETUP



8.1.3 EUT OPERATION CONDITIONS

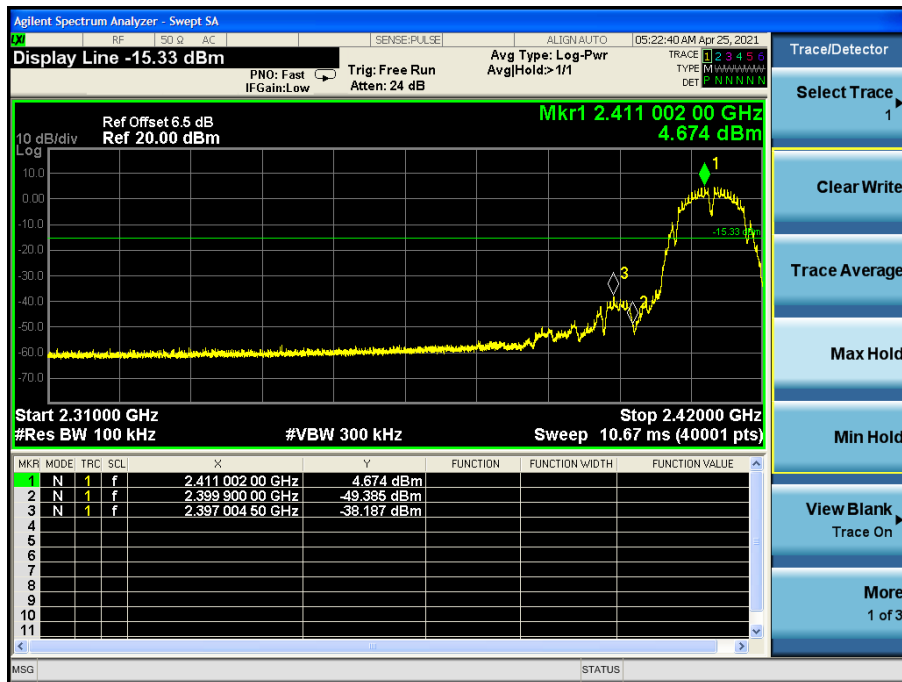
The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

8.1.4 TEST RESULTS

EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	CH01/ CH11 (802.11b Data rate 1Mbps)		
Test Date :	2021-04-12/13		

in any 100kHz bandwidth outside the low frequency band	in any 100 kHz bandwidth outside the high frequency band
Pass	Pass
Result	
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 30dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.	

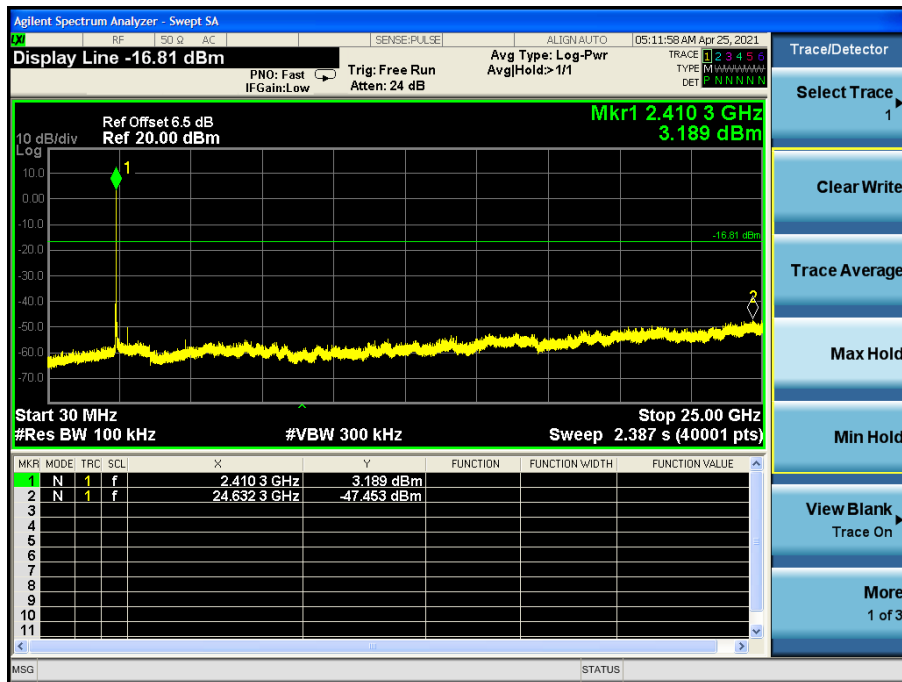
CH01 (Lower)



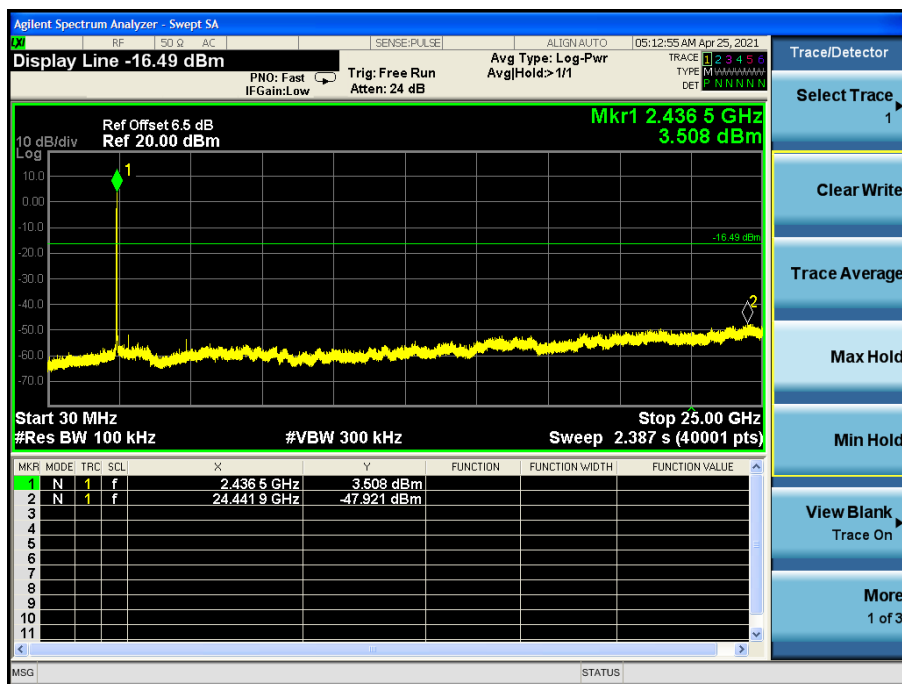
CH 11(Upper)



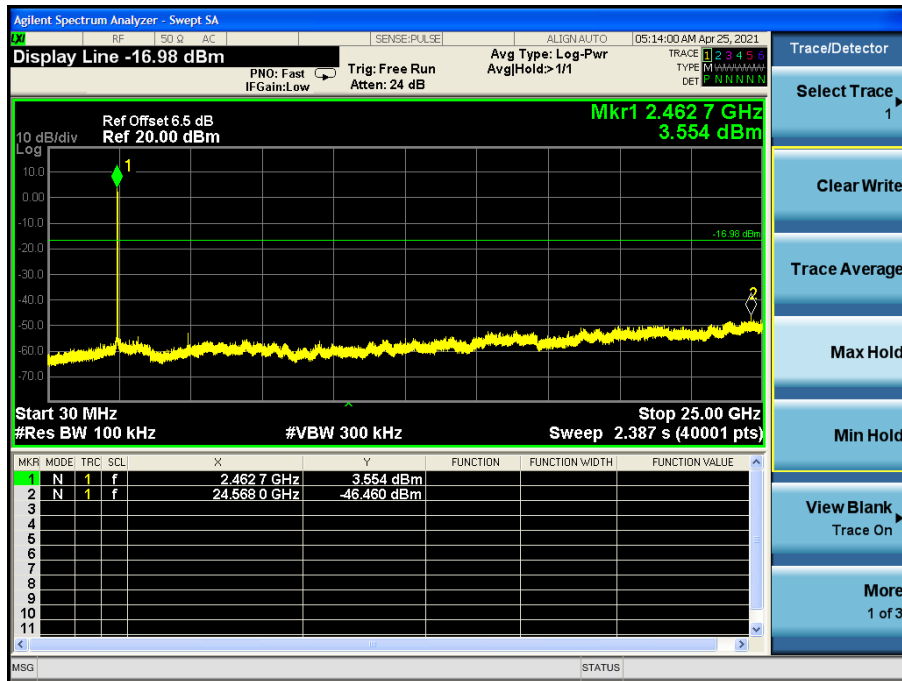
CH01



CH06



CH11



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	CH01/ CH11 (802.11g Data rate 6Mbps)		
Test Date :	2021-04-13		

in any 100kHz bandwidth outside the low frequency band	in any 100 kHz bandwidth outside the high frequency band
Pass	Pass
Result	
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 30dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.	

Agilent Spectrum Analyzer - Swept SA

Display Line -17.29 dBm

PN0: Fast IFGain:Low Trig: Free Run Atten: 24 dB

Avg Type: Log-Pwr AvgHold>1/1

TRACE 1 2 3 4 5 6
TYPE M H H H H H H H H H
DET P N N N N N

Ref Offset 6.5 dB
Ref 20.00 dBm

Mkr1 2.463 270 00 GHz
2.712 dBm

Start 2.45000 GHz Stop 2.50000 GHz
#Res BW 100 kHz #VBW 300 kHz Sweep 5.333 ms (40001 pts)

MKR	MODE	TRC	SL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.463 270 00 GHz	2.712 dBm			
2	N	1	f	2.483 600 00 GHz	-41.638 dBm			
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Trace/Detector

Select Trace

Clear Write

Trace Average

Max Hold

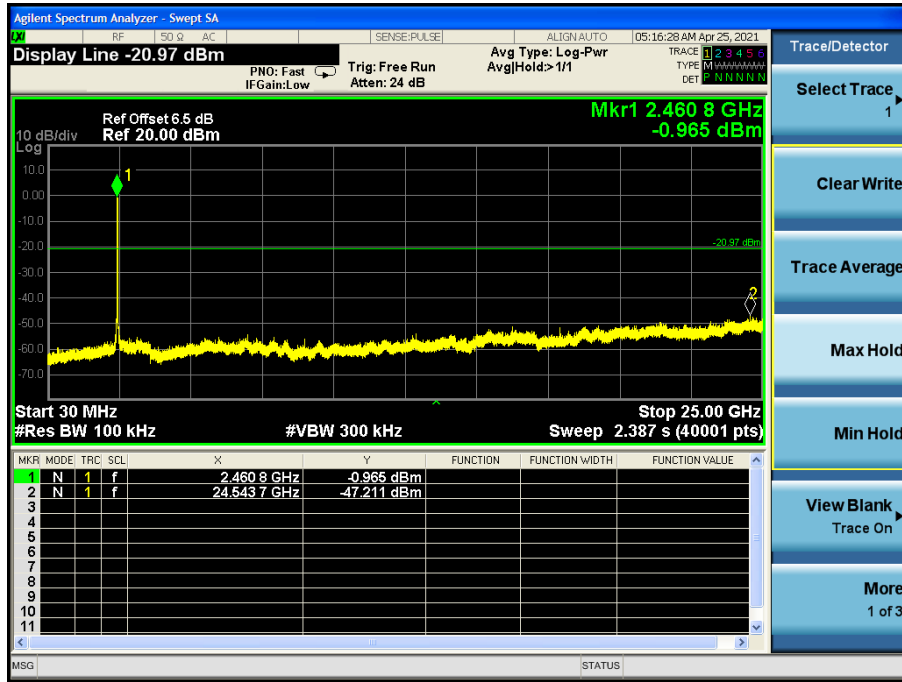
Min Hold

View Blank Trace On

More 1 of 3

[illegible][illegible]

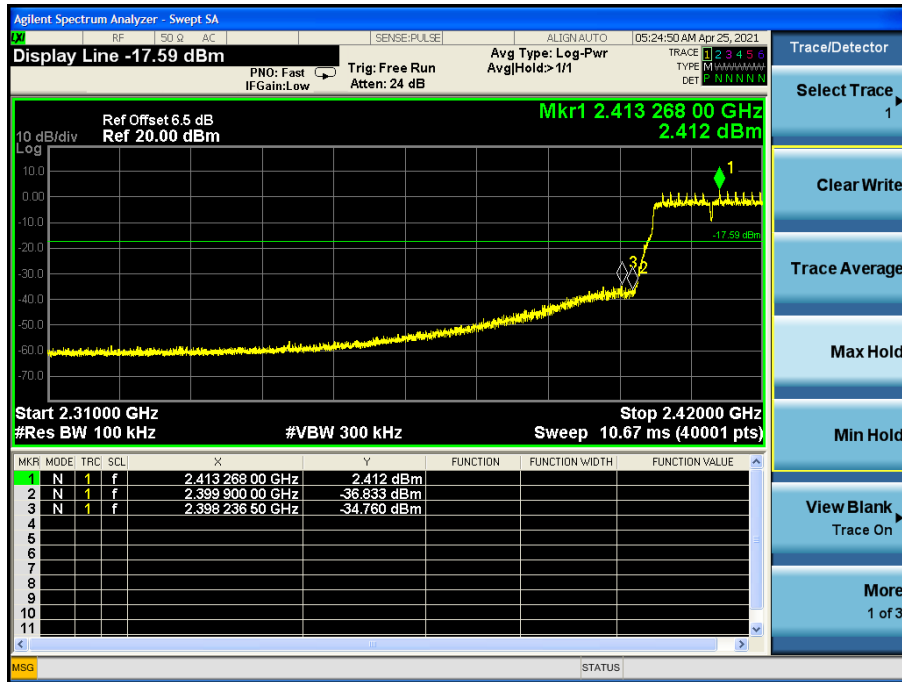
CH11



EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	CH01/ CH11 (802.11n20 Data rate 6.5Mbps)		
Test Date :	2021-04-13		

in any 100kHz bandwidth outside the low frequency band	in any 100 kHz bandwidth outside the high frequency band
Pass	Pass
Result	
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 30dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.	

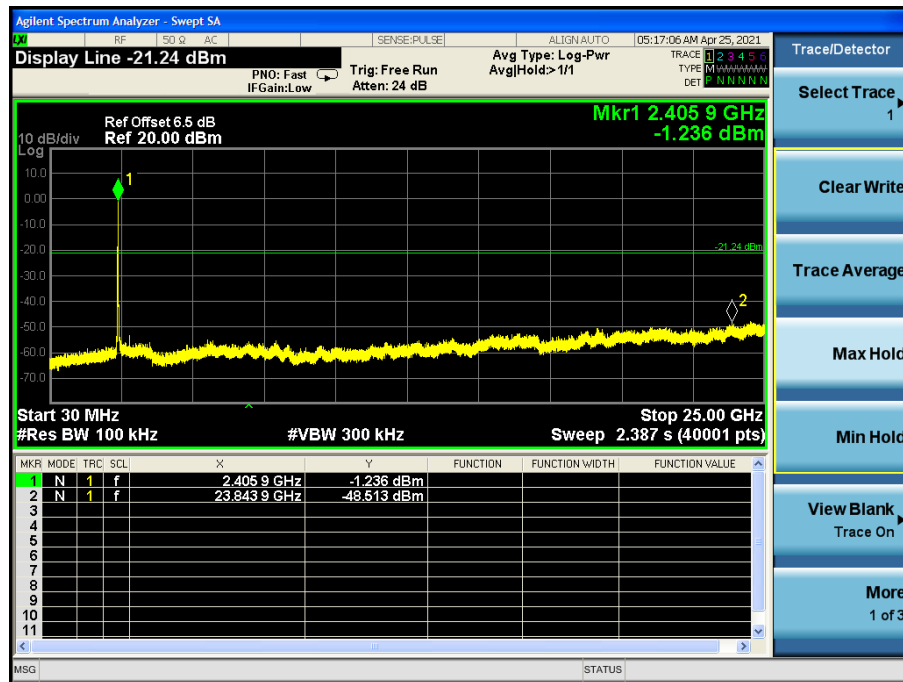
CH01 (Lower)



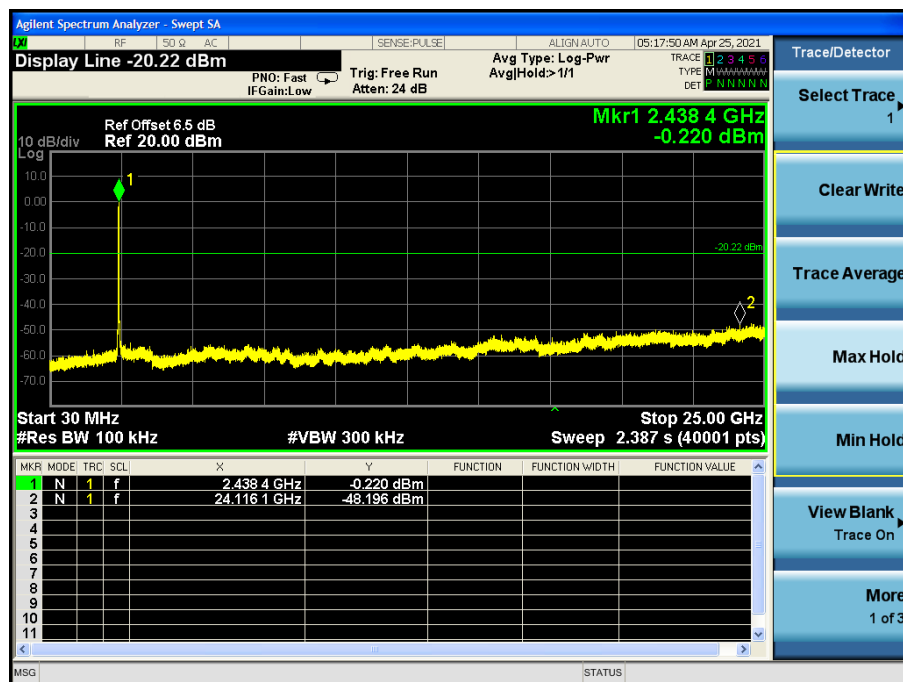
CH 11(Upper)



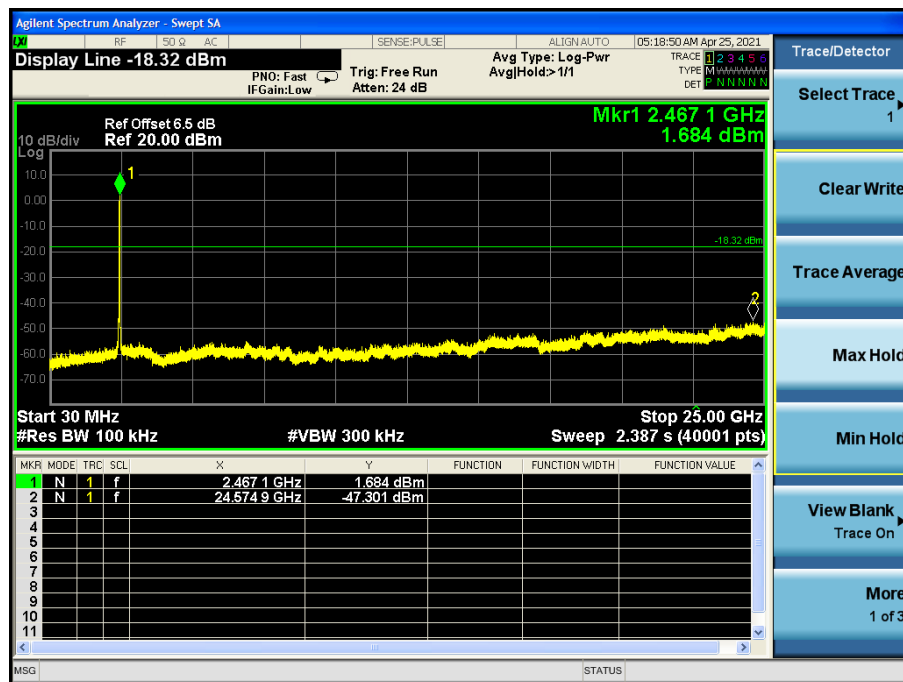
CH01



CH06



CH11



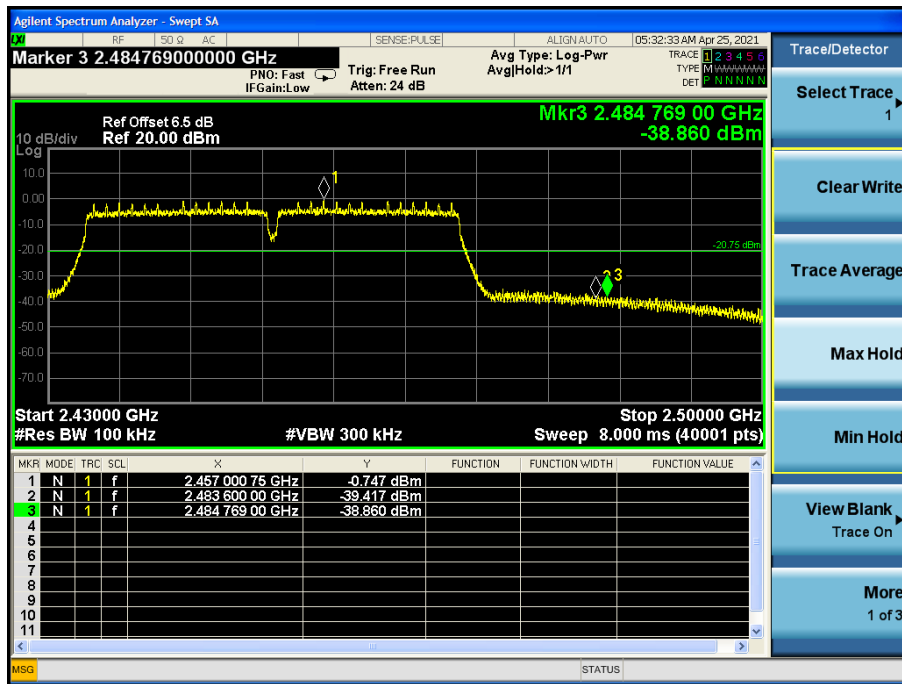
EUT :	HyRead Gaze Pocket	Model Name :	R06N
Temperature :	25 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC3.8V from battery
Test Mode :	CH03/ CH09 (802.11n40 Data rate 13.5Mbps)		
Test Date :	2021-04-13		

in any 100kHz bandwidth outside the low frequency band	in any 100 kHz bandwidth outside the high frequency band
Pass	Pass
Result	
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 30dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.	

CH03 (Lower)



CH 09(Upper)



Agilent Spectrum Analyzer - Swept SA

Display Line -21.13 dBm

Ref Offset 6.5 dB
Ref 20.00 dBm

Start 30 MHz
#Res BW 100 kHz

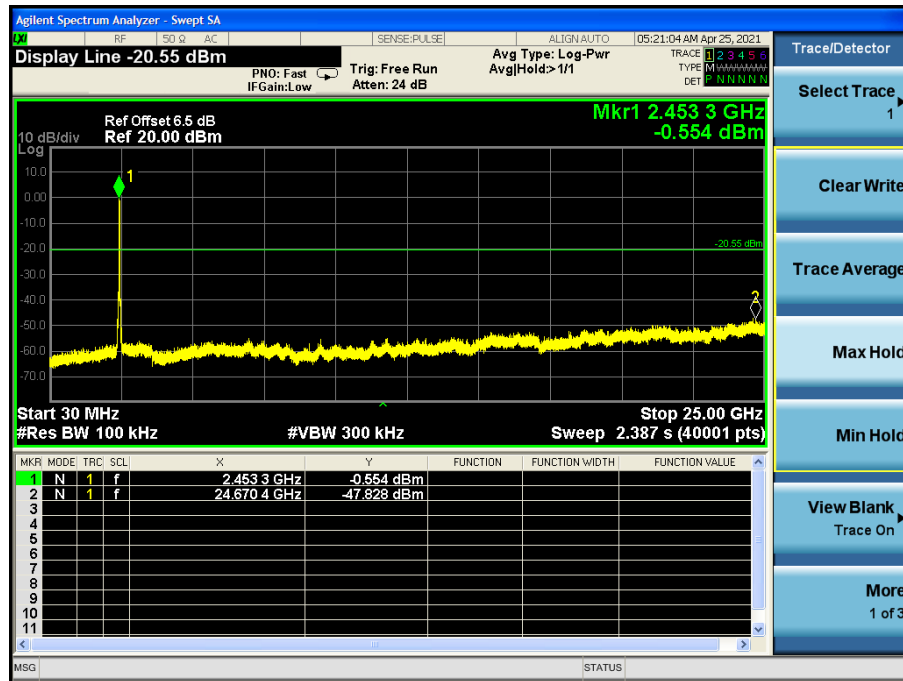
Stop 25.00 GHz
Sweep 2.387 s (40001 pts)

Mkr1 2.434 6 GHz
-1.134 dBm

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.434 6 GHz	-1.134 dBm			
2	N	1	f	24.704 7 GHz	-47.567 dBm			

[illegible]

CH09



9. ANTENNA REQUIREMENT

9.1 STANDARD REQUIREMENT

4.10.3.1.1 requirement: Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

9.2 EUT ANTENNA

The antenna is a FPCB antenna and no consideration of replacement. Antenna max gain is 2.62dBi from 2.4GHz to 2.5GHz.

10. EUT TEST PHOTO

**Radiated Measurement Photos
30MHz-1GHz**



**Radiated Measurement Photos
Above 1GHz**



Conducted Measurement Photos**11. APPENDIX-Photographs of EUT Constructional Details**

Refer to Appendix-photographs.

****End of the report****