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TEST REPORT

Application No.:	ZR/2021/90025
Applicant:	Great Talent Technology Limited
Address of Applicant	35F,HBC HuiLong Center Building-II Minzhi Street,Longhua, Shenzhen, P.R. China
Manufacturer:	Great Talent Technology Limited
Address of Manufacturer	35F,HBC HuiLong Center Building-II Minzhi Street,Longhua, Shenzhen, P.R. China
EUT Description:	smart phone
Model No.:	MH-T6000
Trade Mark:	MOXEE
FCC ID:	2ALZM-MH-T6000
Standards:	47 CFR FCC Part 2, Subpart J
	47 CFR Part 15, Subpart C
Date of Receipt:	2021/11/9
Date of Test:	2021/11/15 to 2021/12/13
Date of Issue:	2021/12/13
Test Result :	PASS *
* I	and all a DIT data in this many statement of a database state database straight the statement of the statement

In the configuration tested, the EUT detailed in this report complied with the standards specified above.

Authorized Signature:

S

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Panta Sun Wireless Laboratory Manager



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1 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2021/12/13		Original

Prepared By	Weller Liu) / Engineer	
Checked By	(Well Wei) / Reviewer	



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2 Test Summary

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Test Item	Test Requirement	Test Method	Test Result	Result
Antenna Requirement	15.203/247(b)		Clause 4.1	PASS
AC Power Line Conducted Emission	15.207	ANSI C63.10 (2013)	Clause 4.3	PASS
Conducted Peak Output Power	15.247 (b)(1)	ANSI C63.10 (2013)	Clause 4.4	PASS
20dB Emission Bandwidth & 99% Occupied Bandwidth	15.247 (a)(1)	ANSI C63.10 (2013)	Clause 4.5	PASS
Carrier Frequencies Separation	15.247 (a)(1)	ANSI C63.10 (2013)	Clause 4.6	PASS
Hopping Channel Number	15.247 (a)(1)	ANSI C63.10 (2013)	Clause 4.7	PASS
Dwell Time	15.247 (a)(1)	ANSI C63.10 (2013)	Clause 4.8	PASS
Band-edge for RF Conducted Emissions	15.247(d)	ANSI C63.10 (2013)	Clause 4.9	PASS
RF Conducted Spurious Emissions	15.247(d)	ANSI C63.10 (2013)	Clause 4.10	PASS
Radiated Spurious emissions	15.247(d); 15.205/15.209	ANSI C63.10 (2013)	Clause 4.11	PASS
Restricted bands around fundamental frequency (Radiated Emission)	15.247(d); 15.205/15.209	ANSI C63.10 (2013)	Clause 4.12	PASS



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3 General Information

3.1 Details of Client

Applicant:	Great Talent Technology Limited
Address of Applicant	35F,HBC HuiLong Center Building-II Minzhi Street,Longhua, Shenzhen, P.R. China
Manufacturer:	Great Talent Technology Limited
Address of Manufacturer	35F,HBC HuiLong Center Building-II Minzhi Street,Longhua, Shenzhen, P.R. China

3.2 Test Location

Company:	SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd		
Address:	South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone		
Post code:	215000		
Test engineer:	Weller Liu, King-p Li, Nature Shen, Tizzy Song		

3.3 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

A2LA (Certificate No. 6336.01)

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 6336.01.

Innovation, Science and Economic Development Canada

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0120.

IC#: 27594.

• FCC – Designation Number: CN1312

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized as an accredited testing laboratory.

Designation Number: CN1312.

Test Firm Registration Number:0031225543



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3.4 General Description of EUT

_		
EUT Description:	smart phone	
Model No.:	MH-T6000	
Trade Mark:	MOXEE	
Hardware Version:	Q6006_V1.0	
Software Version:	MH-T6000V1.0.0B004	
Operation Frequency:	2400MHz~2483.5MHz fc = 2402 MHz + N * 1 MHz, where: -fc = "Operating Frequency" in MHz, -N = "Channel Number" with the range from 0 to 78.	
Bluetooth version:	Bluetooth V4.1	
Modulation Technique:	Frequency Hopping Spread Spectrum(FHSS)	
Modulation Type:	GFSK, π/4DQPSK, 8DPSK	
Number of Channel:	79	
Hopping Channel Type:	Adaptive Frequency Hopping systems	
Sample Type:	⊠ Portable Device, ⊡Module	
Antenna Type:	🗌 External, 🖂 Integrated	
Antenna Gain*:	☑Provided by applicant 3.01dBi	
RF Cable*:	☑Provided by applicant 1.0dB	

Remark:

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*Since the above data and/or information is provided by the applicant relevant results or conclusions of this report are only made for these data and/or information, SGS is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.



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					Report No.: Rev.: Page:	SUZR/2021 01 7 of 106	/9002503
		Opera	ation Frequen	cy of each c			
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	20	2422MHz	40	2442MHz	60	2462MHz
1	2403MHz	21	2423MHz	41	2443MHz	61	2463MHz
2	2404MHz	22	2424MHz	42	2444MHz	62	2464MHz
3	2405MHz	23	2425MHz	43	2445MHz	63	2465MHz
4	2406MHz	24	2426MHz	44	2446MHz	64	2466MHz
5	2407MHz	25	2427MHz	45	2447MHz	65	2467MHz
6	2408MHz	26	2428MHz	46	2448MHz	66	2468MHz
7	2409MHz	27	2429MHz	47	2449MHz	67	2469MHz
8	2410MHz	28	2430MHz	48	2450MHz	68	2470MHz
9	2411MHz	29	2431MHz	49	2451MHz	69	2471MHz
10	2412MHz	30	2432MHz	50	2452MHz	70	2472MHz
11	2413MHz	31	2433MHz	51	2453MHz	71	2473MHz
12	2414MHz	32	2434MHz	52	2454MHz	72	2474MHz
13	2415MHz	33	2435MHz	53	2455MHz	73	2475MHz
14	2416MHz	34	2436MHz	54	2456MHz	74	2476MHz
15	2417MHz	35	2437MHz	55	2457MHz	75	2477MHz
16	2418MHz	36	2438MHz	56	2458MHz	76	2478MHz
17	2419MHz	37	2439MHz	57	2459MHz	77	2479MHz
18	2420MHz	38	2440MHz	58	2460MHz	78	2480MHz
19	2421MHz	39	2441MHz	59	2461MHz		
Remark:							

Remark:

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In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency
The Lowest channel(CH0)	2402MHz
The Middle channel(CH39)	2441MHz
The Highest channel(CH78)	2480MHz



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3.5 Test Environment

Environment Parameter	101.0 KPa Sele	cted Values During Tests	
Relative Humidity44-46 % RH Ambient		% RH Ambient	
Value Temperature(°C) Voltage(V		Voltage(V)	
NTNV	22~23	3.8	
LTNV	-20	3.8	
HTNV	50	3.8	
Remark:			
NV: Normal Voltage			
NT: Normal Temperature			
LT: Low Extreme Test Temperatur			
HT: High Extreme Test Temperatur			

3.6 Description of Support Units

The EUT has been tested independent unit.



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4 Test results and Measurement Data

4.1 Antenna Requirement

Standard requirement: 47 CFR Part 15C Section 15.203 /247(c)

15.203 requirement: 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, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.247(b) (4) requirement: The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

The antenna is integrated and no consideration of replacement. The best case gain of the antenna is 3.01dBi.



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4.2 Other requirements Frequency Hopping Spread Spectrum System Hopping Sequence

4.2.1 Test Requirement:

47 CFR Part 15, Subpart C 15.247(a)(1),(g),(h)

4.2.2 Conclusion

Standard Requirement:

The system shall hop to channel frequencies that are selected at the system hopping rate from a Pseudorandom ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

Frequency hopping spread spectrum systems are not required to employ all available hopping channels during each transmission. However, the system, consisting of both the transmitter and the receiver, must be designed to comply with all of the regulations in this section should the transmitter be presented with a continuous data (or information) stream. In addition, a system employing short transmission bursts must comply with the definition of a frequency hopping system and must distribute its transmissions over the minimum number of hopping channels specified in this section.

The incorporation of intelligence within a frequency hopping spread spectrum system that permits the system to recognize other users within the spectrum band so that it individually and independently chooses and adapts its hopsets to avoid hopping on occupied channels is permitted. The coordination of frequency hopping systems in any other manner for the express purpose of avoiding the simultaneous occupancy of individual hopping frequencies by multiple transmitters is not permitted.

Compliance for section 15.247(a)(1):

According to Technical Specification, the pseudorandom sequence may be generated in a nine-stage shift register whose 5th and 9th stage outputs are added in a modulo-two addition stage. And the result is fed back to the input of the first stage. The sequence begins with the first ONE of 9 consecutive ONEs; i.e. the shift register is initialized with nine ones.

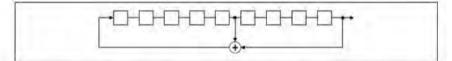
> Number of shift register stages: 9

> Length of pseudo-random sequence: 29 -1 = 511 bits

> Longest sequence of zeros: 8 (non-inverted signal)

Linear Feedback Shift Register for Generation of the PRBS sequence

An example of Pseudorandom Frequency Hopping Sequence as follow:



Linear Feedback Shift Register for Generation of the PRBS sequence

An example of Pseudorandom Frequency Hopping Sequence as follow:

20 62 46 77	7 64 8 73	16 75 1



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Each frequency used equally on the average by each transmitter.

According to Technical Specification, the receivers are designed to have input and IF bandwidths that match the hopping channel bandwidths of any transmitters and shift frequencies in synchronization with the transmitted signals.

Compliance for section 15.247(g):

According to Technical Specification, the system transmits the packet with the pseudorandom hopping frequency with a continuous data and the short burst transmission from the RF system is also transmitted under the frequency hopping system with the pseudorandom hopping frequency system. Compliance for section 15.247(h):

According to Technical specification, the system incorporates with an adaptive system to detect other user within the spectrum band so that it individually and independently to avoid hopping on the occupied channels. The system is designed not have the ability to coordinated with other FHSS System in an effort to avoid the simultaneous occupancy of individual hopping frequencies by multiple transmitter.



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4.3 AC Power Line Conducted Emissions

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Test Requirement:	47 CFR Part 15C Section 15.207					
Test Method:	ANSI C63.10: 2013					
Test Frequency Range:	150kHz to 30MHz					
Limit:	Frequency range (MHz)	Limit (d	BuV)			
	Frequency range (MHZ)	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 log	arithm of the frequency.				
Test Procedure:			hrough a LISN 1 (Line a 50Ω/50µH + 5Ω linear nits of the EUT were to the ground reference unit being measured. A ultiple power cables to a bit exceeded. ic table 0.8m above the angement, the EUT was rence plane. The rear of d reference plane. The the horizontal ground rom the boundary of the rence plane for LISNs is distance was between I other units of the EUT the LISN 2. e positions of equipment			



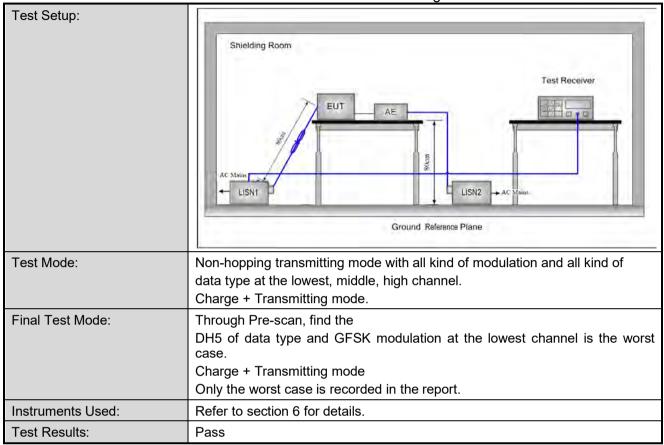
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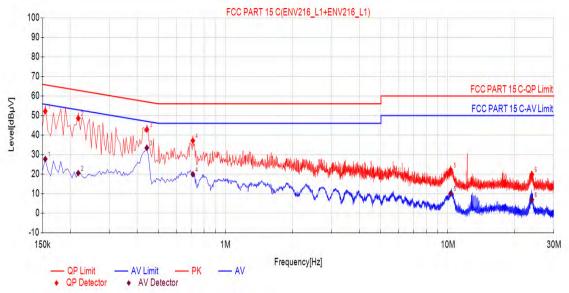
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Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

Live Line:



Final	Final Data List								
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdict
1	0.1545	9.65	52.21	65.75	13.54	27.72	55.75	28.03	PASS
2	0.2175	9.81	48.59	62.91	14.32	20.52	52.91	32.39	PASS
3	0.4425	9.55	42.81	57.01	14.20	33.44	47.01	13.57	PASS
4	0.7125	9.57	37.13	56.00	18.87	19.92	46.00	26.08	PASS
5	10.293	9.63	22.15	60.00	37.85	10.05	50.00	39.95	PASS
6	23.8605	9.31	19.86	60.00	40.14	6.96	50.00	43.04	PASS

Remark:

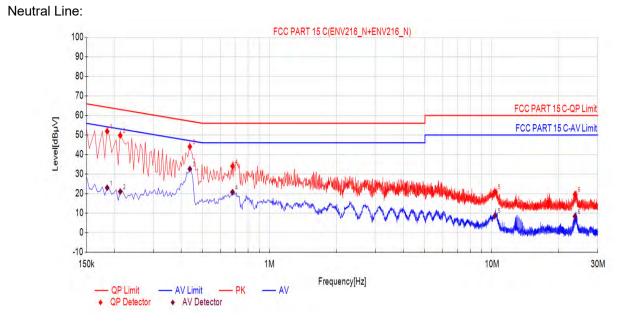
- 1. The following Quasi-Peak and Average measurements were performed on the EUT:
- 2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.



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Final	Final Data List								
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdict
1	0.1860	9.69	51.92	64.21	12.29	22.98	54.21	31.23	PASS
2	0.213	9.68	49.80	63.09	13.29	21.05	53.09	32.04	PASS
3	0.438	9.83	44.06	57.10	13.04	32.63	47.10	14.47	PASS
4	0.681	9.79	34.01	56.00	21.99	20.73	46.00	25.27	PASS
5	10.3335	9.66	20.92	60.00	39.08	8.68	50.00	41.32	PASS
6	23.6580	9.50	19.52	60.00	40.48	8.32	50.00	41.68	PASS

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:

2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.



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Test Requirement:	47 CFR Part 15C Section 15.247 (b)(1)					
Test Method:	ANSI C63.10:2013 Section 7.8.5					
Test Setup:	PC PC PC PC PC Communication PC PC Communication PEC PC Communication PEC PC Communication PC PC PC PC PC PC PC PC PC PC					
Test Instruments:	Refer to section 6 for details					
Exploratory Test Mode:	Non-hopping transmitting with all kind of modulation and all kind of data type.					
Final Test Mode:	Through Pre-scan, find the DH5 of data type is the worst case of GFSK modulation type, 2-DH5 of data type is the worst case of $\pi/4DQPSK$ modulation type, 3-DH5 of data type is the worst case of 8DPSK modulation type.					
Limit:	For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels: 1 watt. For all other frequency hopping systems in the 2400- 2483.5 MHz band: 0.125 watts.					
Test Results:	Pass					
The detailed test data see:	Appendix					

4.4 Conducted Output Power

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4.5 20dB Emission Bandwidth & 99% Occupied Bandwidth

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Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1)				
Test Method:	ANSI C63.10:2013 Section 6.9.2 and 6.9.3				
Test Setup:	PC				
Instruments Used:	Refer to section 6 for details				
Exploratory Test Mode:	Non-hopping transmitting with all kind of modulation and all kind of data type.				
Final Test Mode:	 Through Pre-scan, find the DH5 of data type is the worst case of GFSK modulation type, 2-DH5 of data type is the worst case of π/4DQPSK modulation type, 3-DH5 of data type is the worst case of 8DPSK modulation type. 				
Limit:	NA				
Test Results:	Pass				
The detailed test data see: A	ppendix				



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Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1)			
Test Method:	ANSI C63.10:2013 Section 7.8.2			
Test Setup:	PC PC PC PC PC PC PC PC PC PC			
Test Instruments:	Refer to section 6 for details			
Exploratory Test Mode:	Hopping transmitting with all kind of modulation and all kind of data type.			
Final Test Mode:	 Through Pre-scan, find the DH5 of data type is the worst case of GFSK modulation type, 2-DH5 of data type is the worst case of π/4DQPSK modulation type, 3-DH5 of data type is the worst case of 8DPSK modulation type. 			
Limit:	2/3 of the 20dB bandwidth			
	Remark: the transmission power is less than 0.125W.			
Test Results:	Pass			
The detailed test data see:	Appendix			

4.6 Carrier Frequencies Separationy

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Test Requirement: 47 CFR Part 15C Section 15.247 (a)(1) Test Method: ANSI C63.10:2013 Section 7.8.3 Test Setup: SGS Test system ector Signal Gene 0 PC Communication Tester RF Unit q 0 0 0 E.U.T Analog Signal Ge 9 DC Powe 00000 Ground Reference Plane Instruments Used: Refer to section 6 for details Test Mode: Hopping transmitting with all kind of modulation Limit: At least 15 channels **Test Results:** Pass The detailed test data see: Appendix

4.7 Hopping Channel Number

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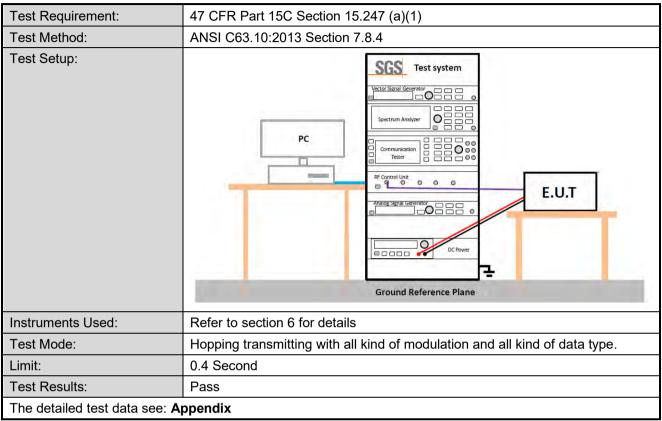
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4.8 Dwell Time





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4.9 Band-edge for RF Conducted Emissions

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Test Requirement:	47 CFR Part 15C Section 15.247 (d)			
Test Method:	ANSI C63.10:2013 Section 7.8.6			
Test Setup:	PC PC PC Communication PC Communication PC Communication PC Communication PC Communication PC Communication Comm			
Instruments Used:	Refer to section 6 for details			
Exploratory Test Mode:	Hopping and Non-hopping transmitting with all kind of modulation and all kind of data type.			
Final Test Mode:	Through Pre-scan, find the DH5 of data type is the worst case of GFSK modulation type, 2-DH5 of data type is the worst case of π/4DQPSK modulation type, 3-DH5 of data type is the worst case of 8DPSK modulation type.			
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 intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.			
Test Results:	Pass			
The detailed test data see: A	ppendix			



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4.10 Spurious RF Conducted Emissions

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Test Requirement:	47 CFR Part 15C Section 15.247 (d)				
Test Method:	ANSI C63.10:2013 Section 7.8.8				
Test Setup:	PC PC Communication PC Control Unit PC Control Unit Control Unit				
Instruments Used:	Refer to section 6 for details				
Exploratory Test Mode:	Non-hopping transmitting with all kind of modulation and all kind of data type.				
Final Test Mode:	Through Pre-scan, find the DH5 of data type is the worst case of GFSK modulation type, 2-DH5 of data type is the worst case of $\pi/4DQPSK$ modulation type, 3-DH5 of data type is the worst case of 8DPSK modulation type.				
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 intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.				
Test Results:	Pass				
The detailed test data see: A	ppendix				



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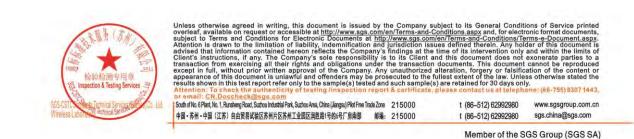
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4.11 Radiated Spurious Emissions

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Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205					
Test Method:	ANSI C63.10 :2013 Section 11.12					
Test Site:	Measurement Distance: 3	m (Semi-Anechoic	: Chamber)			
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)	
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300	
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30	
	1.705MHz-30MHz	30	-	-	30	
	30MHz-88MHz	100	40.0	Quasi-peak	3	
	88MHz-216MHz	150	43.5	Quasi-peak	3	
	216MHz-960MHz	200	46.0	Quasi-peak	3	
	960MHz-1GHz	500	54.0	Quasi-peak	3	
	Above 1GHz	500	54.0	Average	3	
Tudostar	emissions is 20dB above applicable to the equipme level radiated by the devic	nt under test. This	-	•		
Test Setup:						
Te	Antenna 3m E Ground Reference Plane, st Receiver Angeler			3m or 10m	Antenna Tower	
Fig	ure 1. Below 30MHz		Figure 2.	30MHz to 1GH	Z	



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	Antenna Tower Im or 3m Antenna Tower Im or 3m Im or
	Figure 3. Above 1 GHz
Test Procedure:	 a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation. b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.
	c. 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.
	d. 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.
	e. 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.
	f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
	g. 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 retested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
	h. 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 worse case. Repeat above procedures until all frequencies measured was complete.
Toot Configuration	
Test Configuration:	Measurements Below 1000MHz RBW = 120 kHz
	• VBW = 300 kHz
	• Detector = Peak
	• Trace mode = max hold
	Peak Measurements Above 1000 MHz
	• RBW = 1 MHz
	• VBW ≥ 3 MHz



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	Detector = Peak
	Sweep time = auto
	 Trace mode = max hold
	Average Measurements Above 1000MHz
	• RBW = 1 MHz
	 VBW = 10 Hz, when duty cycle is no less than 98 percent.
	 VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum
	transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Evalerates Test	Non-hopping transmitting mode with all kind of modulation and all kind of
Exploratory Test Mode:	data type
Mode.	Charge + Transmitting mode.
	Through Pre-scan, find the
	DH5 of data type and GFSK modulation is the worst case.
Final Test Mode:	Pretest the EUT at Charge + Transmitting mode
	For below 1GHz part, through pre-scan, the worst case is the lowest channel.
	Only the worst case is recorded in the report.
Instruments Used:	Refer to section 6 for details
Test Results:	Pass
The detailed test dat	a see: Appendix



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4.12Restricted bands around fundamental frequency

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Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205				
Test Method:	ANSI C63.10: 2013				
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)				
Limit:	Frequency	Limit (dBuV/m) Remark			
	30MHz-88MHz	40.0	Quasi-peak		
	88MHz-216MHz	43.5	Quasi-peak		
	216MHz-960MHz	46.0	Quasi-peak		
	960MHz-1GHz	54.0	Quasi-peak		
	Above 1GHz	54.0	Average Value		
		74.0	Peak Value		
Test Setup:					
Test Procedure:	Ground Reference Plane Test Rece	2. Above 1 GHz			
 a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meta above the ground at a 3 or 10 meter semi-anechoic camber. The table we rotated 360 degrees to determine the position of the highest radiation. b. For above 1GHz, the EUT was placed on the top of a rotating table of meters above the ground at a 3 meter semi-anechoic camber. The table we rotated 360 degrees to determine the position of the highest radiation. c. The EUT was set 3 or 10 meters away from the interference-received antenna, which was mounted on the top of a variable-height antenna tower. d. 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 a vertical polarizations of the antenna are set to make the measurement. e. For each suspected emission, the EUT was arranged to its worst case a then the antenna was tuned to heights from 1 meter to 4 meters and t rotatable table was turned from 0 degrees to 360 degrees to find t maximum reading. f. The test-receiver system was set to Peak Detect Function and Specific Bandwidth with Maximum Hold Mode. g. Place a marker at the end of the restricted band closest to the transitional set of the set of t					



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	 frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel h. Test the EUT in the lowest channel , the Highest channel i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case. j. Repeat above procedures until all frequencies measured was complete. 				
Test Configuration:	Measurements Below 1000MHz • RBW = 120 kHz • VBW = 300 kHz • Detector = Peak • Trace mode = max hold Peak Measurements Above 1000 MHz • RBW = 1 MHz • VBW \ge 3 MHz • Detector = Peak • Sweep time = auto • Trace mode = max hold Average Measurements Above 1000MHz • RBW = 1 MHz • VBW \ge 1 MHz • VBW = 10 Hz, when duty cycle is no less than 98 percent. • VBW \ge 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.				
Exploratory Test Mode:	Non-hopping transmitting mode with all kind of modulation and all kind of data type Charge + Transmitting mode.				
Final Test Mode:	Through Pre-scan, find the DH5 of data type and GFSK modulation is the worst case. Pretest the EUT at Charge + Transmitting mode, Only the worst case is recorded in the report.				
Instruments Used:	Refer to section 6 for details				
Test Results:	Pass				
The detailed test data see: Appendix					



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Measurement Uncertainty (95% confidence levels, k=2) 5

No.	Item Measurement Uncertain	
1	Total RF power, conducted	±0.54dB
2	RF power density, conducted	±1.03dB
3	Spurious emissions, conducted	±0.54dB
4	Radio Frequency	±7.25x 10 ⁻⁸
5	Duty Cycle	±0.37%
6	Occupied Bandwidth	±7.25x 10 ⁻⁸
7	Conduction Emission	± 2.9dB (150kHz to 30MHz)
		± 3.13dB (9k -30MHz)
8	Radiated Emission	± 4.8dB (30M -1GHz)
0		± 4.8dB (1GHz to 18GHz)
		± 4.8dB (Above 18GHz)



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6 Equipment List

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Tonscend Test System						
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm- dd)	Cal. Due date (yyyy- mm-dd)	
Shielding Room	Brilliant-emc	N/A	SUWI-04-01-06	2021/5/8	2024/5/7	
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-07	2021/2/20	2022/2/19	
Signal Analyzer	ROHDE&SCHWARZ	FSV3030	SUWI-01-02-02	2021/5/28	2022/5/27	
DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	2021/2/20	2022/2/19	
Measurement Software	Tonscend	JS1120-3 Test System V 2.6.88.0336	SUWI-02-09-09	NCR	NCR	

CE Test Equipment							
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date		
Shielding Room	Brilliant-emc	N/A	SUWI-04-03-01	2021/5/8	2024/5/7		
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-01	2021/2/20	2022/2/19		
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-02	2021/2/20	2022/2/19		
Measurement Software	Tonscend	JS32-CE V3.0.0.1	SUWI-02-09-05	NCR	NCR		
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-06	2021/2/20	2022/2/19		



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RSE Test System						
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date	
Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	2021/5/8	2024/5/7	
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2021/2/20	2022/2/19	
Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	2021/5/28	2022/5/27	
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2021/2/20	2022/2/19	
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	VULB 9163	SUWI-01-11-01	2021/5/16	2022/5/15	
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	2021/5/16	2022/5/15	
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	BBHA 9170	SUWI-01-11-03	2021/5/14	2022/5/13	
Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	2021/2/20	2022/2/19	
Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	2021/2/20	2022/2/19	
Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	2021/2/20	2022/2/19	
Active Loop Antenna	SCHWRZBECK MESS- ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	2021/6/10	2022/6/9	
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2021/2/20	2022/2/19	
Measurement Software	Tonscend	JS32-RE V3.0.0.3	SUWI-02-09-04	NCR	NCR	
Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-27-01	2021/9/28	2022/9/27	



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Photographs - EUT Constructional Details 7

Refer to Appendix A Setup Photos.



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Appendix



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20dB Emission Bandwidth Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	Limit [MHz]	Verdict
		2402	1.071		PASS
DH5	Ant1	2441	1.065		PASS
		2480	1.032		PASS
	Ant1	2402	1.302		PASS
2DH5		2441	1.314		PASS
		2480	1.284		PASS
3DH5	Ant1	2402	1.308		PASS
		2441	1.311		PASS
		2480	1.299		PASS



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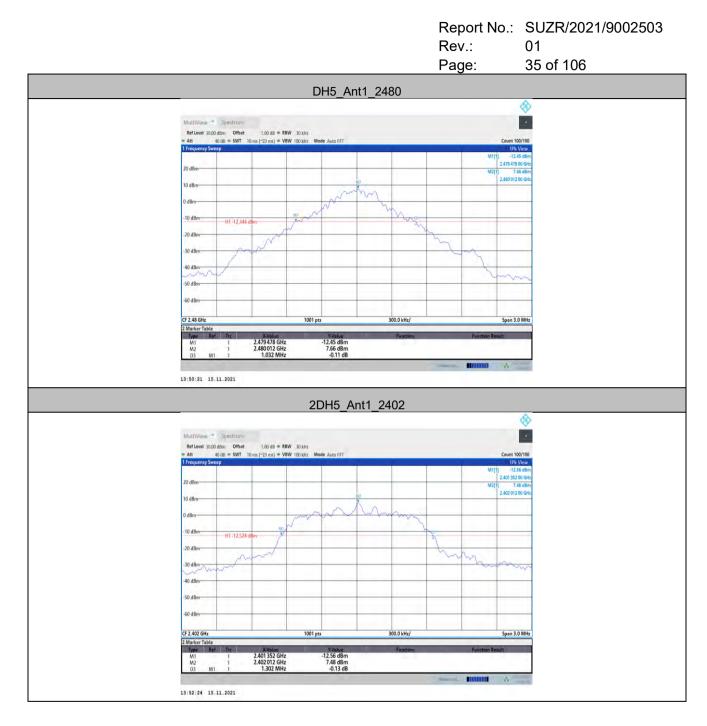
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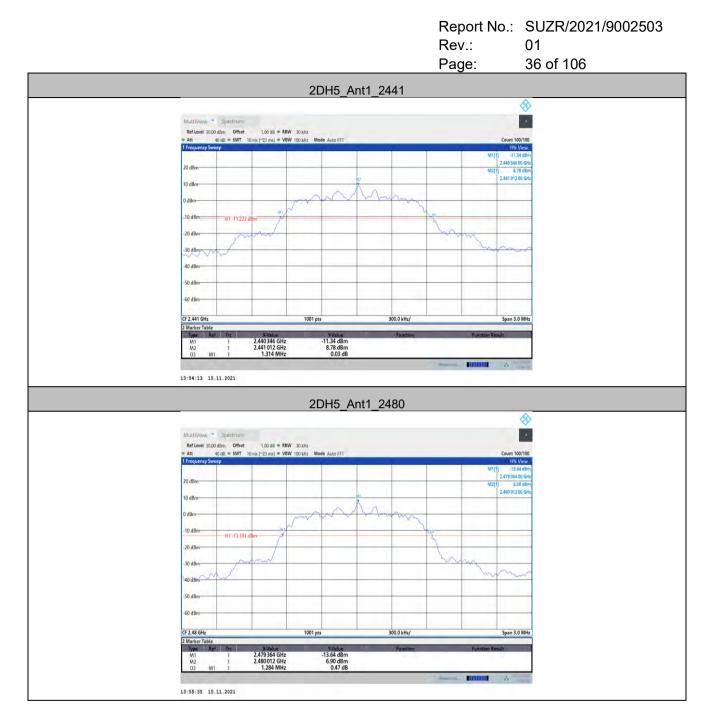
DH5 Ant1 2402 Ref Level 30.00 dBm 0 dBm Offset 1.00 dB = RBW 30 kHz 40 dB = SWT 10 ms (~23 ms) = VBW 100 kHz Mode Auto EE 41 2.401 45 7.97 di 2,402 012 00 10 dBr 0 dBr 10 dB 20 dB 30 dB 40 dBm 50 dBm 60 dBn CF 2.402 GH: 1001 pt 300.0 kHz/ Span 3.0 MHz 2 Marker 1 2.401 454 GHz 2.402 012 GHz 1.071 MHz -12.31 dBm 7.97 dBm -0.19 dB M1 M2 D3 13:44:19 15.11.2021 DH5 Ant1 2441 Ref Level 30.00 dBm Offset 1.00 dB = RBW 30 kHz SWT 10 ms (~23 ms) = VBW 100 kHz 20 dB 2.441 012 00 10 dBr) dBr m 10 dB 20 dB 30 dB 40.dE 50 dB 60 dB CF 2.441 GHz 1001 pts 300.0 kHz/ Span 3.0 MH V-Value 10.95 dBm 9.35 dBm -0.03 dB 2.440 457 GHz 2.441 012 GHz 1.065 MHz M1 M2 13:47:07 15.11.2021

Test Graphs

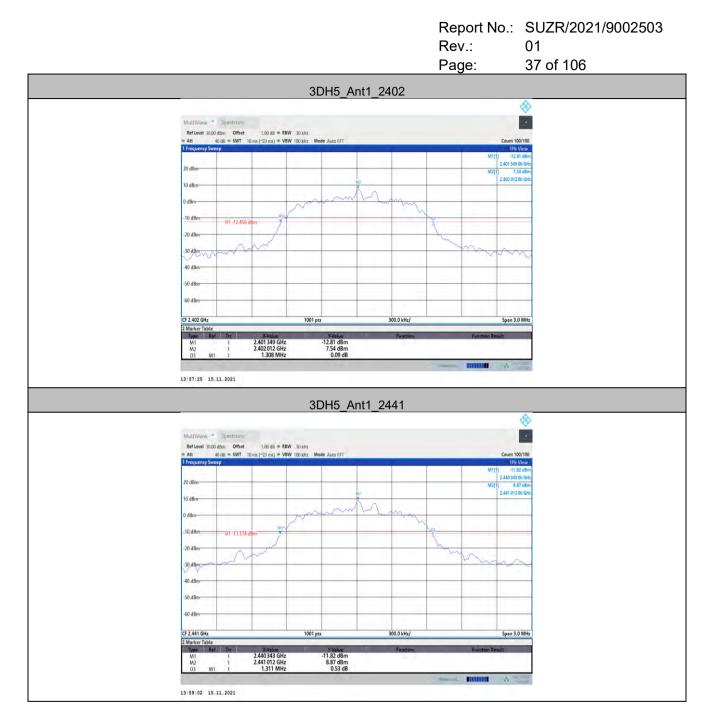




















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Occupied Channel Bandwidth Test Result

TestMode	Antenna	Channel	OCB [MHz]	Limit[MHz]	Verdict
		2402	1.023		PASS
DH5	Ant1	2441	1.039		PASS
		2480	0.949		PASS
		2402	1.207		PASS
2DH5	Ant1	2441	1.226		PASS
		2480	1.186		PASS
		2402	1.202		PASS
3DH5	Ant1	2441	1.221		PASS
		2480	1.187		PASS



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DH5 Ant1 2402 Ref Level 30.00 dBm Offset 1.00 dB RBW 30 kHz Att 40 dB 5WT 10 ms (*23 ms) VBW 100 kHz Mode Auto EC 10 dBm) dBr 10 di 20 dB 30 dB 40 dBm 50 dBm 60 dBn CF 2.402 GH 1001 pt 300.0 kHz/ Span 3.0 MHz 2 Marker 2.402 015 GH 7.99 dBm Function Result 1.022 841 417 MH Occ Bw Occ Bw Centroid Occ Bw Freq Offso M1 T1 T2 2.401 484 69 GH 10.33 dB 2.401 996 113 G -3.886 737 915 k 13:44:31 15.11.2021 DH5 Ant1 2441 Ref Level 30.00 dBm Offset 1.00 dB = RBW 30 kHz SWT 10 ms (~23 ms) = VBW 100 kHz 20 di 10 dBr) dBr no ww 10 dBr 20 dB 30 dB 40-dB 50 dB 60 dBn CF 2.441 GHz 1001 pts 300.0 kHz/ Span 3.0 MH X-Value 2.441 012 GH 2.440 472 28 GH 2.441 511 64 GH 9.36 dB -9.04 dE -9.10 dE Function Result 1.039 361 313 MH Occ Bw Occ Bw Centroid Occ Bw Freq Offse T1 8 043 112 494 1 13:47:18 15.11.2021

Test Graphs



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Maximum conducted output power Test Result

TestMode	Antenna	Channel	Result[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		2402	10.8	13.81	<=30	PASS
DH5	Ant1	2441	11.9	14.91	<=30	PASS
		2480	10.09	13.1	<=30	PASS
		2402	11.47	14.48	<=30	PASS
2DH5	Ant1	2441	12.46	15.47	<=30	PASS
		2480	10.89	13.9	<=30	PASS
		2402	11.73	14.74	<=30	PASS
3DH5	Ant1	2441	12.71	15.72	<=30	PASS
		2480	11.02	14.03	<=30	PASS



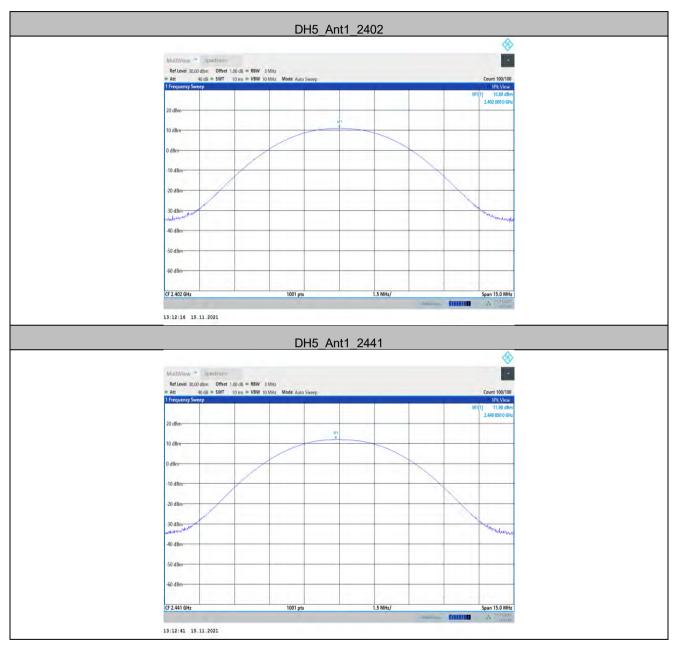
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Test Graphs



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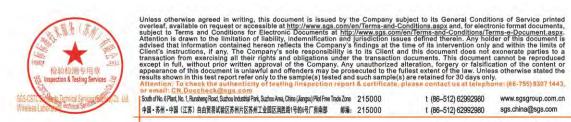
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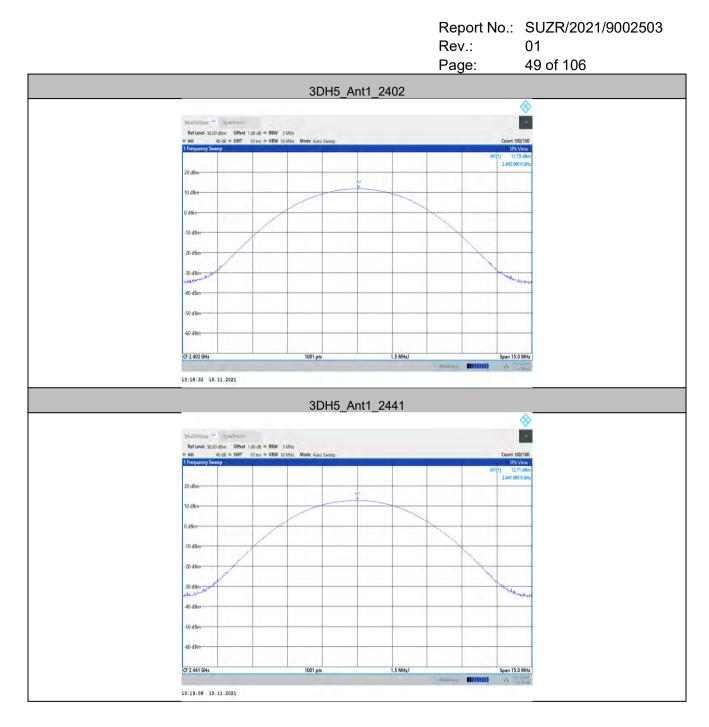
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			Report Rev.: Page:	No.: SUZR/2021/9002503 01 47 of 106
		DH5_Ant1_248	30	
• Att 1 Fricquency Sw 20 dBm	2psctrum dBm Offset 1.00 dB = RBW 3 MHz 80 dB = SWT 10 ms = V5W 10 MHz Mode			Count 100/100 c) 190/100 d) 190/100 2.480013 0 GHz 2.480013 0 GHz
-10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -50 dBm -50 dBm -50 dBm -51 dBm -51 dBm -52 dB		01 pts	1.5 MHz/	Span 15.0 MHz
		2DH5_Ant1_24	02	<u>⊗</u>
	dBm Offset 1.00 dB = RBW 3 MHz 10 dB = SWT 10 ms = VBW 10 MHz Mode	• Auto Sweep		Count 100/100 D Sk View
20 dBm		<u>.</u>		MI'I] II.47 e5m 2.402 240 0 GHz
0 dBm				
30 dBm 	*			
-60 d8m (F 2.402 GHz	10	01 pts	1.5 MHz/	Span 15.0 MHz















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Carrier frequency separation Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	Нор	1.336	>=1.071	PASS
2DH5	Ant1	Нор	0.982	>=0.876	PASS
3DH5	Ant1	Нор	0.976	>=0.874	PASS



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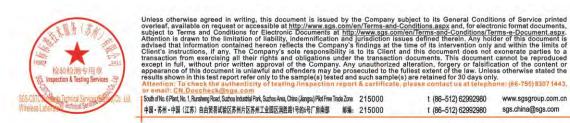
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DH5 Ant1 Hop Ref Level 30.00 dBm Offset 1.00 dB RBW 300 kHz Att 40 dB SWT 1.01 ms VBW 1 MHz Mode Auto 2 440 10 49 1,336.00 1 10 dBm 0.48 10 dBr 20 dBn 30 dBa 40 dB 50 dBn -60 dBn 2.440 5 GHz 1001 pt 200.0 kHz/ 2.442 5 GHz 14:02:38 15.11.2021 2DH5 Ant1 Hop Ref Level 30.00 dBm 40 dB Offset 1.00 dB = RBW 300 kHz SWT 1.01 ms = VBW 1 MHz M 20 dBr 982.00 ·M 10 dBm 0 dB 10 dBn 20 dE -30 dBn -40 dBn 50 dBn -60 dBn 2.442 5 GH 2.440 5 GH 1001 pt: 200.0 kHz/ 14:05:31 15.11.2021

Test Graphs



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		3DH5_Ant1	Нор		
		1		02.02	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2.4405 GH	15.11.2021	1001 pts	200.0 kHz/		4425 GHz



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Time of occupancy Test Result

SG

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Нор	0.40	320	0.126	<=0.4	PASS
DH3	Ant1	Нор	1.65	170	0.281	<=0.4	PASS
DH5	Ant1	Нор	2.90	100	0.29	<=0.4	PASS
2DH1	Ant1	Нор	0.40	330	0.132	<=0.4	PASS
2DH3	Ant1	Нор	1.65	150	0.248	<=0.4	PASS
2DH5	Ant1	Нор	2.90	90	0.261	<=0.4	PASS
3DH1	Ant1	Нор	0.40	330	0.132	<=0.4	PASS
3DH3	Ant1	Нор	1.65	160	0.264	<=0.4	PASS
3DH5	Ant1	Нор	2.90	130	0.377	<=0.4	PASS



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DH1 Ant1 Hop MultiView . Spec Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB 5WT 10 ms VBW 3 MHz Att -13.5 20 dBr 395.05 10 dBm TRG 8.800 d8m 0 dBm 10 dBr -20 dBn 30 dBn 40 dBm i kilo, ana sa baa in zaha gawaa an kanany kili di sitata ka in sintata da ta shaka da ka sa hika kuka di ja ka A ALL MARKALL MUCH 60 dBm CF 2.441 GHz 8000 pts 1.0 ms/ 14:03:32 15.11.2021 ٨ White Some Ref Level 30.00 dBm Offset 1.00 dB = RBW 500 kHz Att 40 dB = SWT 3.16 s = VBW 3 MHz - Atl 20 d8 10 dBm TRG 8,800 50 dBm 60 dB CF 2.441 GHz 316.0 ms/ 30000 pts 14:03:37 15.11.2021

Test Graphs



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		DH3_Ant1_Hop		
			0184	• • •
20 dBm- 10 dBm- 0 dBm-	TRG 8.700 dBm		64(1)-13.1 -13 -02(1)-20 -02(1)-20 -1451	50 µs 91 d 0.
-10 dBm-				
-30 dBm -40 dBm -40 dBm			unden ellen en den en ellen ellen Het missen opp geterminten pap det	
-60 dBm (F 2.441 t 14:04:01	TRG	8000 pts		mi
Ref Leve	Spectrum el 30.00 dim. Offset 1.00 dit = RBW 500 bits 40 dit = SWT 3.16 s = VBW 3.4Hz an. 3.16 s = VBW 3.4Hz 3.4Hz			5GL Inv.
20 dBm- 10 dBm- 0 dBm-	Tiug it /00 dem			
-10 dhd+ -20 dbd+ -30 dbd+				
-20 dên -30 dên -60 dên				
CF 2.441 14:04:01	GHz 7 15.11.2021	30000 pts	316.0	mu/



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		DH5_Ant1_Hop		
Re Att TRG	11)Vinov = Spactrum Viewei 30.00 däm Offset 1.00 dB = RBW 1.Mitz 4.00 B = SWT 1.0 ms = VBW 1.Mitz		0 1Pk	
20 d 10 d			MT(1) -11.2; -13 -D2[1]—21 -2.599	50 µs 19 d B -
0 d8 -10 d	imimifB			
-30 -	JBm		antin si dibisi lukitina (1
40 A	1860 T86		an a	
	441 GHz 2;58 15.11.2021	8000 pts		>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
Re Att TBG	HIVEnv Spectrum ftevel 3000 dm Offset 1,00 db = 88W 500 kHz 40 db = \$WT 3,16 s = V\$W 3 MHz V/D 0 Span		0 194	
20 d 10 d 0 d8	8m			
-10 a -20 a -30 a	JBm			
40 (-50 c	na da esperante productor) (este productor de productor de la Bon IBon			
	441 GHz 3:04 15.11.2021	30000 pts	316.) maj



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Report No.: SUZR/2021/9002503 Rev.: 01 Page: 58 of 106 2DH1_Ant1_Hop \otimes w . Spec 14 whatever
 Ref Level 30.00 dBm
 Offset 1.00 dB
 RBW 1 MHz

 Att
 40 dB
 SWT
 10 ms
 VBW 3 MHz
 13 50 DO dB 400.05 10 dBm TRG 8.800 d8m dBn -10 dBn -20 dBn 30 dBn -40 dBm to approximate produced by the barrows of the part of this of the family self including the 414 4 4 Indiada 60 dBn CF 2.441 GHz 1.0 ms/ 8000 pts 14:06:35 15.11.2021 ٨ + Winterview
 Ref Level
 30.00 dBm
 Offset
 1.00 dB
 RBW
 500 kHz

 Att
 40 dB
 SWT
 3.16 s
 VBW
 3 MHz
 20 dB 10 dBm 50 dBn -60 dBm CF 2.441 GHz 30000 pts 316.0 ms/ 14:06:41 15.11.2021



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							Rep Rev Pag	<i>'</i> .:	.: SUZR/2021/9002503 01 59 of 106
			2D	H3_A	nt1_Ho	р			
* Att TREAVD 1 Zero Span 20 dBm 	dBm Offset 1.0	o dB = RBW 1 MHz O ms = VBW 3 MHz	4 4					0211) 0211)	56. 1037 den 1037 den 1336 µ 1632 71 ms
	.11.2021 Spectrum 0 dim Offset 1.0	10 dB = RBW 500 kHz		8000	Manarbana	Yaqa			1.0 m/
Att TECHD TECHD TECHD TECHD TECHD TECHD Addm CdBm CdBm CdBm CdBm CdBm CdBm S0 cBm S0 cBm	10 d8 + SWT 3								
CF 2.441 GHz				3000	0 pts		(see		316.0 ms/



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	2DH5	_Ant1_Hop	
* Att THEND 1 Zero Span 20 dBm	Spectrum odiam Offset 1.00 dB = RBW 1 MHz 40 dB = SWT 10 ms = VBW 1 MHz	N1(1)-1 [2]]	30. 14 dán 13 dý ja 195 ráb 00 36 mi
30 dBm -10 dBm -20 dBm -30 dBm	TRG 8.300 dem		
40 dBm 460 dBm 47 2 441 GHz 14:05:48 11	185	and a set is all a states to a set of set	1.8 mg/
	Spectrum Odim: Offset 1.00 vig = RBW 500 kile 40 dB = SWT 3.16 s = VBW 3.04 kile 178G 8.900 dBm		K Clev
-10 dBm -20 dBm -30 dBm -00 dBm -30 dBm			
GF 2.441 GHz 14:05:54 11		30000 pts 3	6.0 ms/



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		3DH1	Ant1_Hop		
1 ** TR	Nutt)View Spectrum Ref Level 30.00 dBm Offset 1.00 d Att 40 dB SWT 10 m GeVID Levo Span				
30	0 dBm 18G 9.200 dbm dBm 18G 9.200 dbm dBm			-14 02[1]-19 401	75 µs. 56 d D
.3	0 dBm 0 dBm 0 dBm 10 dBm 10 dBm			s salad idada washi Marijang Marijang marijang katalog katalog katalog katalog katalog katalog katalog katalog	
Œ	0 dBm TRG 2.441 GHz :10:48 15.11.2021		6000 pts		
1 1 1 2 2	Nulti View Spectrum Ref Level 3000 dim Offset 1.00 d Att 40 dB * SWT 3.16 GV/D Cero Span				3G IP
. 10 0 - 7 - 2 - 3) dBm 11KC 9200 dBm dBm 0 dBm 0 dBm 0 dBm 0 dBm				
-6 G	0 dBm 0 dBm 2.441 GHz :10:53 15.11.2021	attricture and statements of providence	00000 pts	316.0	mi



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		3DH3	Ant1_Hop		
R A	uit)View Spectrum lef Level 30.00 dBm Offset 1.00 ttt 40 dB = SWT 10 SVID				8.
30	dBm			1111 -1033 -1333 -02(1) -2090 1.85146	مر dB-
	Bm an				-
40	o dBm o dBm land market by the the test of the test the test of the test of te	Harinkan Apirotest		Mantana ika sela na kalanda sera. Na hara perina kalanda kalanda kalan	
œ1	2.441 GHz 09:45 15.11.2021		8000 pts	1.0 m	
R A	utt)View Spectrum lef Level 30.00 dBm Offset 1.00 ttt 40 dB = SWT 3.1 SVID			s TPK CH	G6
20	dBm1RG 9.200 dBr	n			
0 d -10 -20) dBm				
-10 -10 -50	49				
(° 1	0 dBm 2.441 GHz 09:50 15.11.2021		30000 pts	316.0 m	11



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	3DH	5_Ant1_Hop		
Nutti Vianu Spectrum Ref Level 30.00 dBm Offset 7 Att 40 dB * 5WT 12cro Span 20 20 dBm 10 10 dBm 18(c 9.200 0 dBm - -00 dBm -	00 dB = RBW 1 MHz 10 ms = VBW 3 MHz		M1[1] -10.5	30 µs 30 db 61 ms
-60 dBm CF 2.441 GHz	IRG	8000 pts	1 1	0 ms/
14:08:59 15.11.2021	3.16 = VDW 3 MHz			36. Crσ



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Number of hopping channels Test Result

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Нор	79	>=15	PASS
2DH5	Ant1	Нор	79	>=15	PASS
3DH5	Ant1	Нор	79	>=15	PASS



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DH5 Ant1 Hop ٨ -Whiteway Ref Level 30.00 dBm Offset 1.00 dB = R8W 300 kHz Att 40 dB SWT 1.01 ms = VBW 1 MHz Mode Auto Sv 10 dB 20 dBn 30 dBn 40 dB 50 dBn -60 dB 2.4 GHz 1001 pt 8.35 MHz/ 2.483 5 GH 14:02:49 15.11.2021 2DH5 Ant1 Hop \otimes Ref Level 30.00 dBm Offset 1.00 dB RBW 300 kHz Att 40 dB SWT 1.01 ms VBW 1 MHz Mode / 20 dBr Ward Warner Mary WM My why why why MM 10 dBn 20 dE 30 dBn -40 dBn 50 dBr -60 dBn 8.35 MHz/ 2.483 5 GH 2.4 GHz 1001 pt 14:05:36 15.11.2021

Test Graphs





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	3DH5_Ar	nt1_Hop		
Att 40 dB 1 Frequency Sweep 20 dBm			V WWWWWWWWWWWWWWWWWWWW	
-40 dBm				h
-50 dBm -60 dBm				
2.4 GHz	1001 pts	8.35 MHz/	2.483	
14:08:47 15.11.2	1021			



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Band edge measurements Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	10.27	-45.57	<=-9.73	PASS
		High	2480	9.49	-49.39	<=-10.51	PASS
		Low	Hop_2402	9.89	-49.29	<=-10.11	PASS
		High	Hop_2480	10.32	-49.16	<=-9.68	PASS
2DH5	Ant1	Low	2402	9.31	-40.98	<=-10.69	PASS
		High	2480	8.91	-49.48	<=-11.09	PASS
		Low	Hop_2402	7.06	-49.52	<=-12.94	PASS
		High	Hop_2480	9.99	-49.63	<=-10.01	PASS
3DH5	Ant1	Low	2402	9.63	-41.32	<=-10.37	PASS
		High	2480	8.89	-49.25	<=-11.11	PASS
		Low	Hop_2402	9.20	-49.04	<=-10.8	PASS
		High	Hop_2480	10.14	-48.65	<=-9.86	PASS



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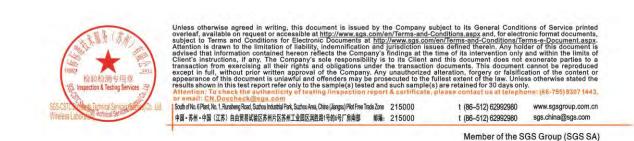
 Report No.:
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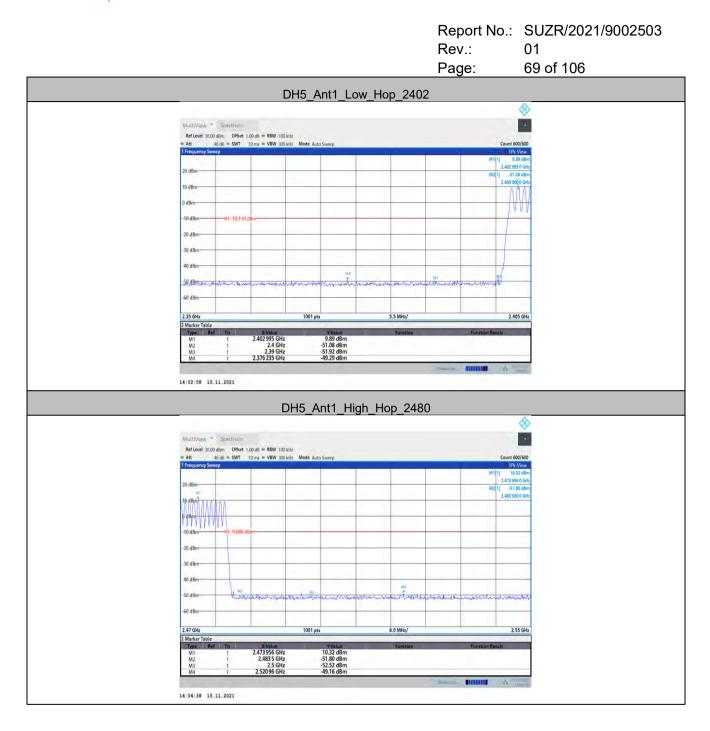
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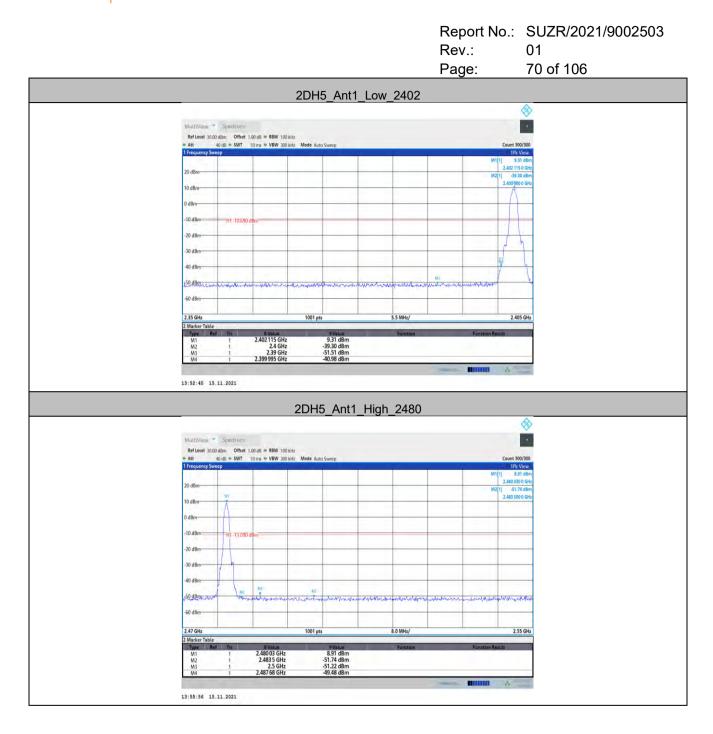
DH5 Ant1 Low 2402 NUMBER Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 40 dB SWT 10 ms VBW 300 kHz Mode Auto Sv 10 dBr) dBn 10 dB 20 dBr 30 dB 40 dB -50 dBm 60 dBn 2.35 GHz 1001 pt 5.5 MHz 2 405 GH 10.27 dBm -45.39 dBm -52.35 dBm -45.57 dBm 2.40217 GH 2.4 GHz 2.39 GHz 2.399 885 GHz M2 M3 M4 13:44:40 15.11.2021 DH5 Ant1 High 2480 Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 40 dB SWT 10 ms VBW 300 kHz Mode 20 di 2.483 500 10 dBm dB 10 dE 10.51 20 dB 30 dBn 40 dBr 50 dBm -60 dB 2.47 GHz 1001 pts 8.0 MHz/ 2.55 GHz 2 Mar 2.480 19 GHz 2.483 5 GHz 2.5 GHz 2.515 76 GHz 9.49 dBm -51.88 dBm -50.23 dBm -49.39 dBm M1 M2 M3 M4 13:50:42 15.11.2021

Test Graphs

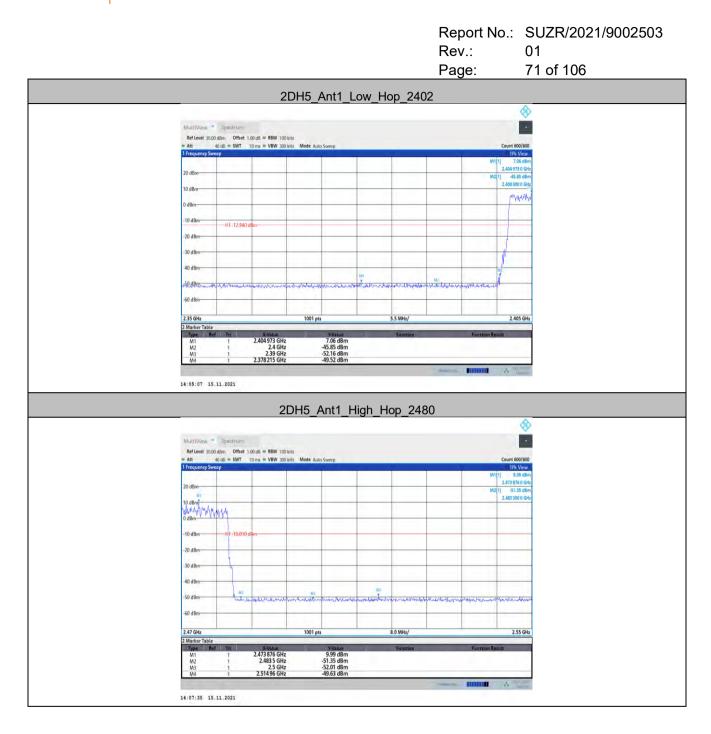




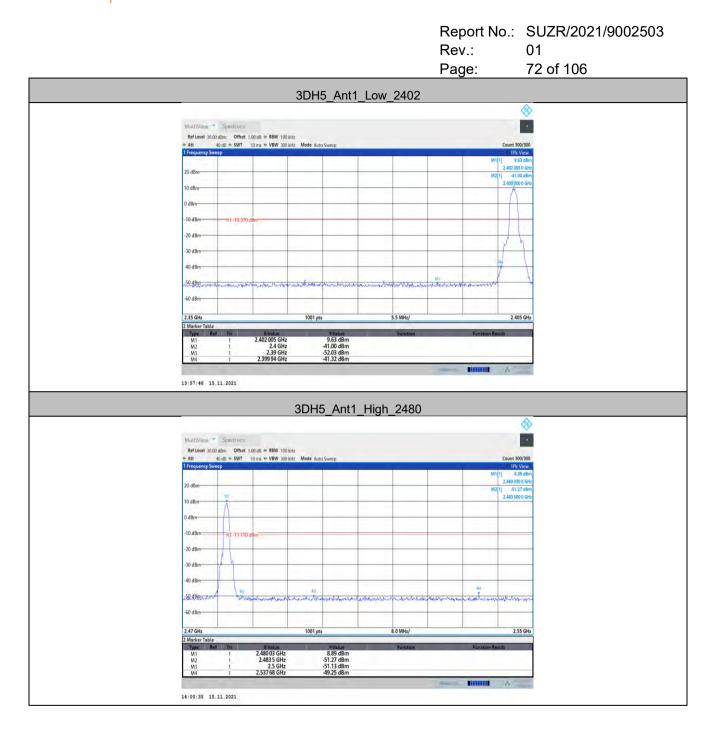




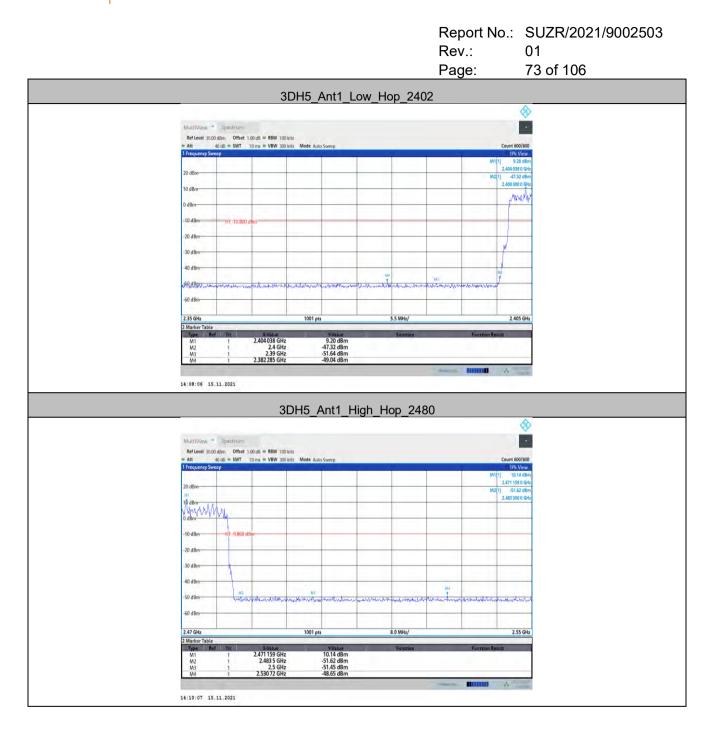














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Conducted Spurious Emission Test Result

S

TestMode	Antenna	Channel	FreqRange	RefLevel	Result	Limit	Verdict
			[MHz]	[dBm]	[dBm]	[dBm]	
			Reference	10.21	10.21		PASS
		2402	30~1000	10.21	-62.52	<=-9.79	PASS
			1000~26500	10.21	-45.65	<=-9.79	PASS
			Reference	11.28	11.28		PASS
DH5	DH5 Ant1	2441	30~1000	11.28	-63.25	<=-8.72	PASS
			1000~26500	11.28	-48.67	<=-8.72	PASS
			Reference	9.52	9.52		PASS
		2480	30~1000	9.52	-62.62	<=-10.48	PASS
			1000~26500	9.52	-43.55	<=-10.48	PASS
			Reference	9.50	9.50		PASS
		2402	30~1000	9.50	-62.54	<=-10.5	PASS
			1000~26500	9.50	-47.22	<=-10.5	PASS
			Reference	10.69	10.69		PASS
2DH5	Ant1	2441	30~1000	10.69	-62.47	<=-9.31	PASS
			1000~26500	10.69	-51.83	<=-9.31	PASS
			Reference	8.78	8.78		PASS
		2480	30~1000	8.78	-62.84	<=-11.22	PASS
			1000~26500	8.78	-47.88	<=-11.22	PASS
			Reference	9.65	9.65		PASS
		2402	30~1000	9.65	-62.61	<=-10.35	PASS
			1000~26500	9.65	-49.73	<=-10.35	PASS
			Reference	10.75	10.75		PASS
3DH5	Ant1	2441	30~1000	10.75	-62.93	<=-9.25	PASS
			1000~26500	10.75	-50.61	<=-9.25	PASS
			Reference	8.84	8.84		PASS
		2480	30~1000	8.84	-62.96	<=-11.16	PASS
			1000~26500	8.84	-48.15	<=-11.16	PASS



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 Report No.:
 SUZR/2021/9002503

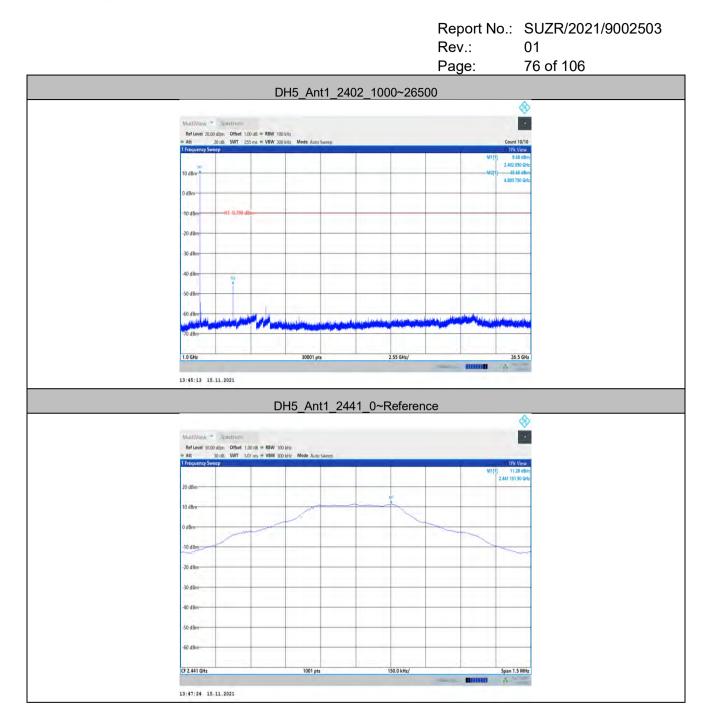
 Rev.:
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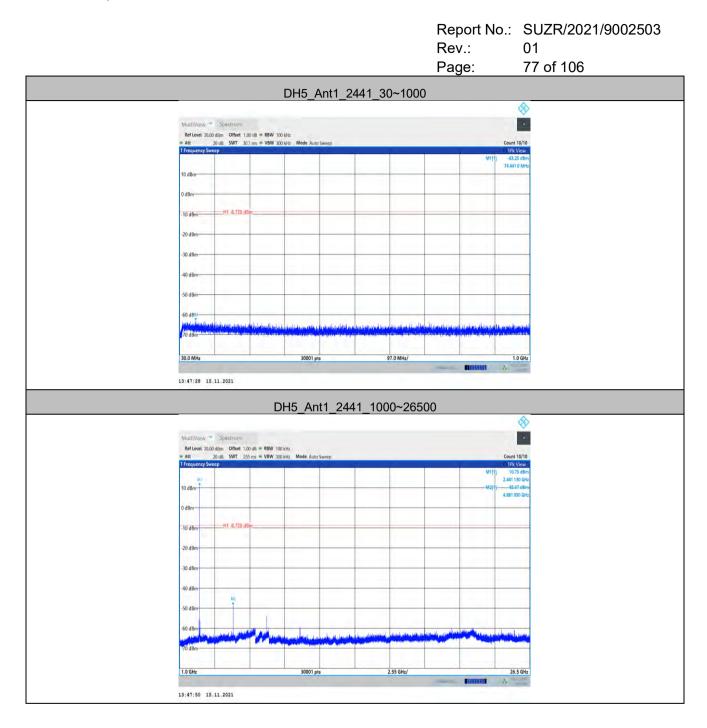
DH5 Ant1 2402 0~Reference + Reputer Views Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.01 ms VBW 300 kHz Mode Auto SV 2.402 152 80 0 20 dB 10 dBr dB 10 dBr -20 dBn 30 dBn 40 dB 50 dBn -60 dBn CF 2.402 GHz 1001 pt: 50.0 kHz/ Span 1.5 MH 13:44:47 15.11.2021 DH5 Ant1 2402 30~1000 Ref Level 20.00 dBm Att 20 dB Offset 1.00 dB = RBW 100 kHz SWT 30.1 ms = VBW 300 kHz Mode -62.57 57.046 0 10 dBm -10 dB 20 dBn 30 dB -40 dBn -50 dBn soffBm-30001 pt 97.0 MHz/ 30.0 MHz 1.0 GH 13:44:51 15.11.2021

Test Graphs









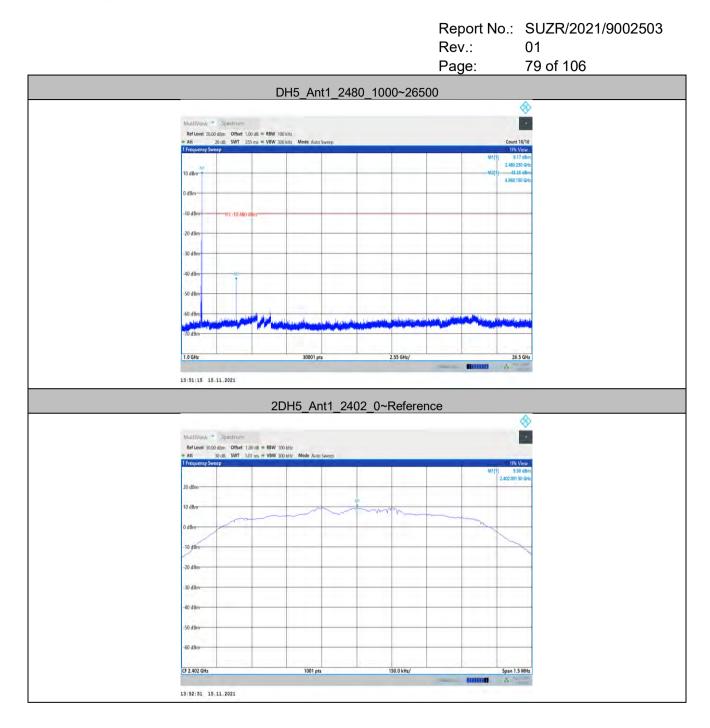


		R	eport No.: ev.: age:	SUZR/2021/9002503 01 78 of 106
	DH5_Ant1_248	0_0~Reference		
MultiView Spectrum Ref Level 30.00 dim Offset 1.00 dis = # Att 30 dis SVT 1.01 ms = [Trequency/weep	5.5		- 19k	
				2 dBm
20 dBm		M		
10 dBm				
0 dBm				
-10 dBm		l		
~20 dBm				
-30 dBm				
-40 dBm				
-50 dBm				
-60 dBm				
CF 2.48 GHz	1001 pts	150.0 kHz/	Span 1.	MHz
 13:50:48 15.11.2021				
	DH5_Ant1_2	480 30~1000		
				
MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB =				
= Att 20 dB SWT 30.1 ms = 1 Frequency Sweep	VBW 300 kHz Mode Auto Sweep		Count 0 1Pk M1[1] -62.6	/iew
10 dBm			66.164	
0 dBm				
-10 dBm H1 -10.480 dBm				
-20 dBm				
-30 dBm				
-40 dBm				
-50 dBm				
-60 duin-				_
interfact the internet and the stand of	والرجحين ومعاديه المراجع والمرجعا والمرجع	ally stay on the life of tables is a function	deed to be with some with the light to all	
70 dBm	second and address of the state of the second se	a second a second a second a second	control of the second second	
	30001 pts	97.0 MHz/		9 GHz
170 JBm 1991 and a second process of the second proces of the second process of the second proces of the secon	30001 pts	97.0 MHz/	1.	D GHz

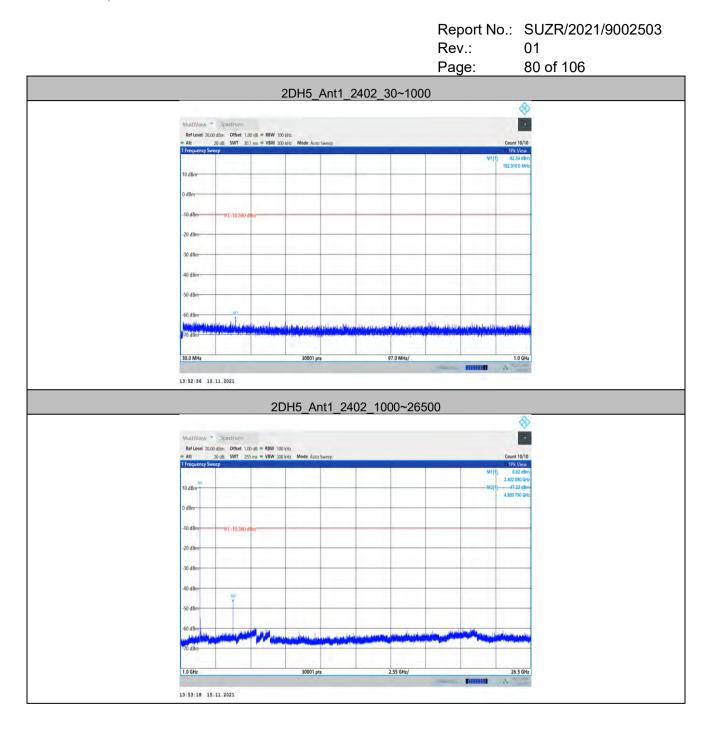


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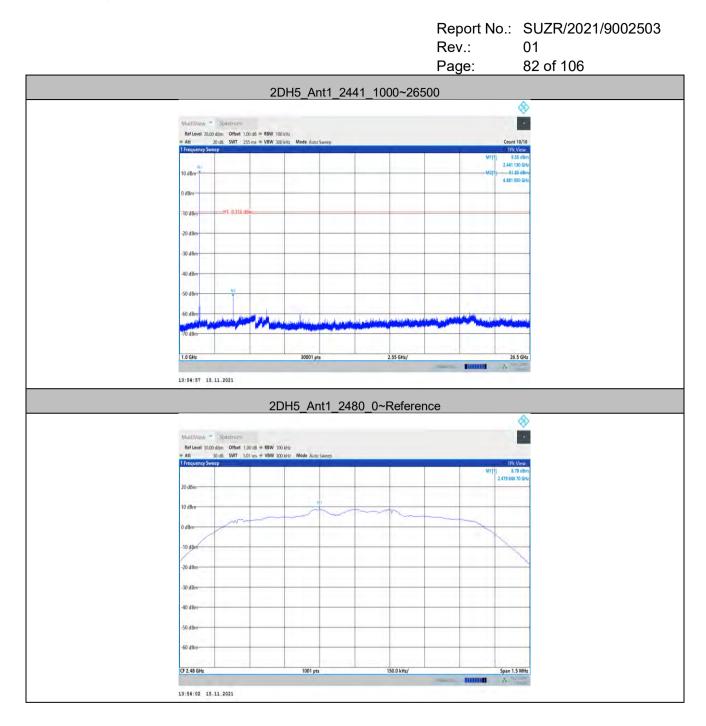




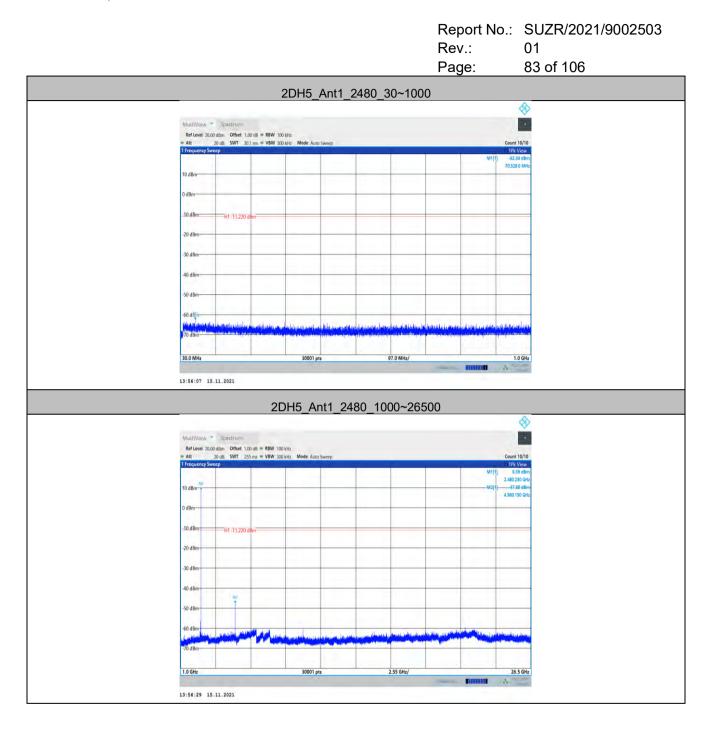


			Report No.: Rev.: Page:	SUZR/2021/9002503 01 81 of 106
	2DH5 Ant	t1_2441_0~Referen	ice	
= Att	Spectrum 2dam Offset 1.00 dB = RBW 100 kHz 30 dB SWT 1.01 ms = VBW 300 kHz Mode Auto S			*
1 Frequency Sw	eep.		M1[7] 10.65 2.440 839 7	dðm.
20 dBm-				
10 dBm				
0 dBm -10 dBm				
-20 dBm				_
-30 dBm				
-40 d8m				
-60 dBm				
CF 2.441 GHz	1001 pts	150.0 kHz/	Span 1.5	MHz
13:54:31 15	11.2021			
	2DH5 A	Ant1_2441_30~100)	
MuttiView				
= Att	0 dBm Offset 1.00 dB = RBW 100 kHz 20 dB SWT 30.1 ms = VBW 300 kHz Mede Auto Sv	weep	Count 1	0/10
1 Frequency Sw	eep		6 19k V M1(1) -62.41 72.792 (f dBm
10 dBm				
0 dBm				
-10 dBm	H1-9.310 dBes			
-20 dBm				
-30 dBm				
-40 dBm				
-50 dBm				_
-60 dbj/				
70 0B/1				197414
30.0 MHz	30001 pts	97.0 MHz/) GHz
13:54:35 15	11.2021			





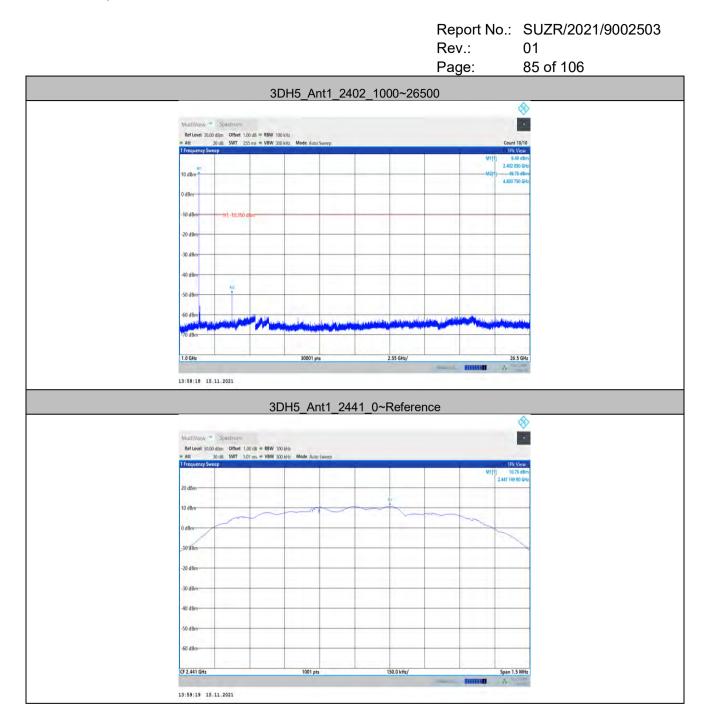




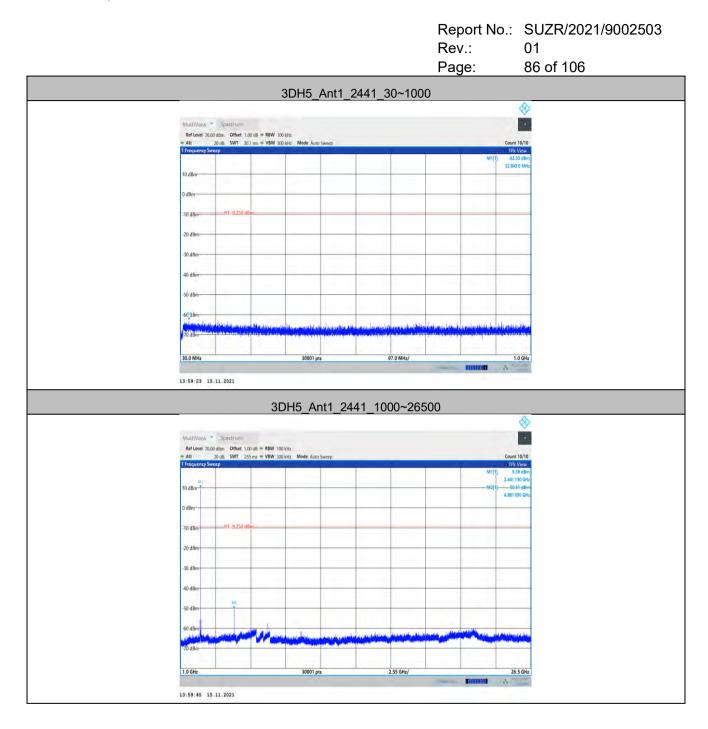


			Report No.: Rev.: Page:	SUZR/2021/9002503 01 84 of 106
	3DH5 Ar	nt1_2402_0~Refere	ence	
= Att				÷ Theorem
				5 dBm
20 dBm				
10 dBm	mm	man	m	
0 d8m				
-10 dBm	······			7
-20 dBm				
-30 dBm				
-40 dBm				
-50 dBm				
-60 dBm				
CF 2.402 GHz	1001 pt:	s 150.0 kHz/	Span 1.1	5 MHz
13:57:52 15.	11.2021			
	3DH5	Ant1_2402_30~100	00	
		<u>/ / / / / / / / / / / / / / / / / / / </u>		
Wintel Views	Spectrum dBm Offset 1.00 dB = RBW 100 kHz			14
* Att 1 Frequency Swo	20 dB SWT 30.1 ms = VBW 300 kHz Mode Auto rep	Sweep	Count G 1Pk	
			M1[1] -62.6 104.025	1 dBm
10 dBm				
0 dBm				
-10 d8m	H1 -10.350 dBor	· · · · · · · · · · · · · · · · · · ·		
-20 dBm				
-30 dBm				
-40 dBm -				
-50 dBm				
-60 dBm ³³¹ à Medida J _e rris, Ja		a da mana fi da da ana any ana ana ana ana ana ana ana an	karek datat pro-al, bergana maatatika asalak sura	23.40
70 dBm	and the second		and a state of the state of the solution of the state of	41
30.0 MHz	30001 pt	s 97.0 MHz/		0 GHz
13:57:56 15.	11.2021			





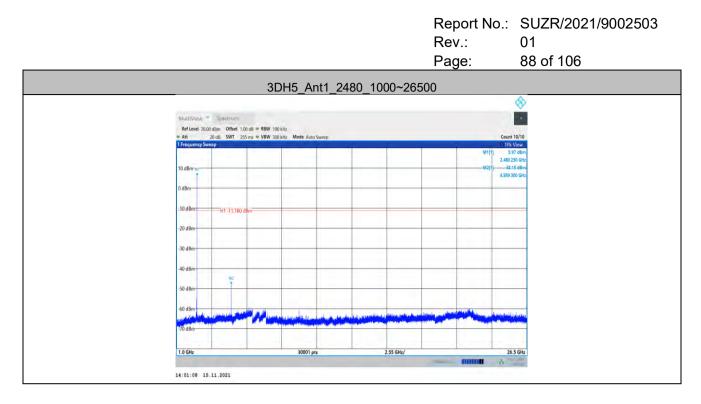






			Report No.: Rev.:	SUZR/2021/9002503 01
			Page:	87 of 106
		nt1 2480 0. Defere		
	<u>3DU2_VI</u>	nt1_2480_0~Refere		
	Spectrum Offset 1.00 dB = RBW 100 kHz 30 dB SWT 1.01 ms = VBW 300 kHz Mode Auto	to Sweep		
1 Frequency Sv	keep			<i>liew</i> ≜d8m 10 GHz
20 dBm				
10 dBm	- m	m		
0 dBm			m	
-10 dBpt				$\overline{}$
-20 dBm				
-30 dBm				
-40 dBm				
-50 dBm				
-60 dBm				
CF 2.48 GHz	1001 pt	ts 150.0 kHz/	Span 1.5	
14:00:41 11	5.11.2021			and the second se
14.00.41 1				
21.00.12	3DH5	Ant1 2480 30~100	0	
41.00.18 A	3DH5_	Ant1_2480_30~100		
MuttView	Spectrum	Ant1_2480_30~100		★ 2
MuttiVinv Ref Level 20 4 At	Spectrum Odam Offset 1.00 d8 = R5W 100 kHz Zod8 SWT 301 ms = V5W 300 kHz Mode Aun		Count	10/10
MuttiVinu Ref Level 20 # Att 1 Frequency S	Spectrum Odam Offset 1.00 d8 = R5W 100 kHz Zod8 SWT 301 ms = V5W 300 kHz Mode Aun		-	- 10/10 /ccs 66/m
MuttiView Refered 20 + Att 1 Frequency Se 10 dBm	Spectrum Odam Offset 1.00 d8 = R5W 100 kHz Zo d8 SWT 301 ms = V5W 300 kHz Mode Aun		Court - 0.174 - 0.17	- 10/10 /ccs 66/m
PhilitiView Ref Level 200 At 10 dBm	Spectrum 00 dam Offert 1.00 dB = 88W 100 kHz 20 dB 5WT 301 ms = VBW 300 kHz Mode Aun recep		Court - 0.174 - 0.17	- 10/10 /ccs 66/m
MuttiView Refered 20 • Att 1 Frequency S 10 dBm- - 10 dBm-	Spectrum Odam Offset 1.00 d8 = R5W 100 kHz Zo d8 SWT 301 ms = V5W 300 kHz Mode Aun		Court - 0.174 - 0.17	- 10/10 /ccs 66/m
MuttiView Ref Level 300 * Att 1 Frequency St 10 dBm -10 dBm -20 dBm	Spectrum 00 dam Offert 1.00 dB = 88W 100 kHz 20 dB 5WT 301 ms = VBW 300 kHz Mode Aun recep		Court - 0.174 - 0.17	- 10/10 /ccs 66/m
WutettWass Ret zeet 20. * Att 1 Frequency 54 0 dBm -10 dBm -20 dBm -30 dBm	Spectrum 00 dam Offert 1.00 dB = 88W 100 kHz 20 dB 5WT 301 ms = VBW 300 kHz Mode Aun recep		Court - 0.174 - 0.17	- 10/10 /ccs 66/m
WuttiView Ref Level 30. + Att 1 Frequency 50 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	Spectrum 00 dam Offert 1.00 dB = 88W 100 kHz 20 dB 5WT 301 ms = VBW 300 kHz Mode Aun recep		Court - 0.174 - 0.17	- 10/10 /ccs 66/m
MuttiVianu Ret Level 30. • Att • Frequency 50 • 0 dBm • 10 dBm • 20 dBm • 30 dBm • 30 dBm • 50 dBm	Spectrum 00 dam Offert Loo da = 88W 100 kHz 20 d8 SWT 301 ms = VBW 300 kHz Mode Aun recep		Court - 0.174 - 0.17	- 10/10 /ccs 66/m
MultiView Rel Leed 20. • Ati 1 Frequency St 10 dBm - 20 dBm - 30 dBm - 40 dBm - 50 dBm - 50 dBm	Spectrum Oddim Othet 1.00 die #15W 100 bitz 20 die SWT 301 ms = VBW 300 bitz Mede Aun H1 11.160 diam H1 11.160 diam		Court - 0.174 - 0.17	- 10/10 /ccs 66/m
MultiView Ref Level 300 # Att 1 Frequency 52 10 dBm 0 dBm -10 dBm -30 dBm -40 dBm -50 dBm -60 dBm	Spectrum Oddim Othet 1.00 die #15W 100 bitz 20 die SWT 301 ms = VBW 300 bitz Mede Aun H1 11.160 diam H1 11.160 diam	N 5 weep	Court - 0.174 - 0.17	- 10/10 /ccs 66/m
NutlWent Rel Leed 20. Att 1 Frequency St 10 dBm - 20 dBm - 30 dBm - 40 dBm - 50 dBm - 50 dBm	Spectrum Oddim Othet 1.00 die #15W 100 bitz 20 die SWT 301 ms = VBW 300 bitz Mede Aun H1 11.160 diam H1 11.160 diam	No Sweep	Court 0154 6573 6574 6574 6574 6574 6574 6574 6574 6574	- 10/10 /ccs 66/m







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Х DC [%] xFactor **ON** Time Period TestMode Antenna Channel Limit Verdict [ms] [ms] 2402 2.90 3.75 0.7733 77.33 1.12 PASS ____ DH5 Ant1 2441 2.90 3.75 0.7733 77.33 1.12 PASS ___ 2480 2.90 3.75 0.7733 77.33 1.12 PASS 2402 2.90 3.75 0.7733 77.33 1.12 PASS ---2DH5 Ant1 2441 2.90 3.75 0.7733 77.33 1.12 PASS ---2.90 3.75 0.7733 PASS 2480 77.33 1.12 ___ 2402 2.90 3.75 0.7733 77.33 1.12 PASS ___ 3DH5 Ant1 2441 2.90 3.75 0.7733 77.33 1.12 PASS ___ 2480 2.90 PASS 3.75 0.7733 77.33 1.12 ----

Duty Cycle Test Result

S



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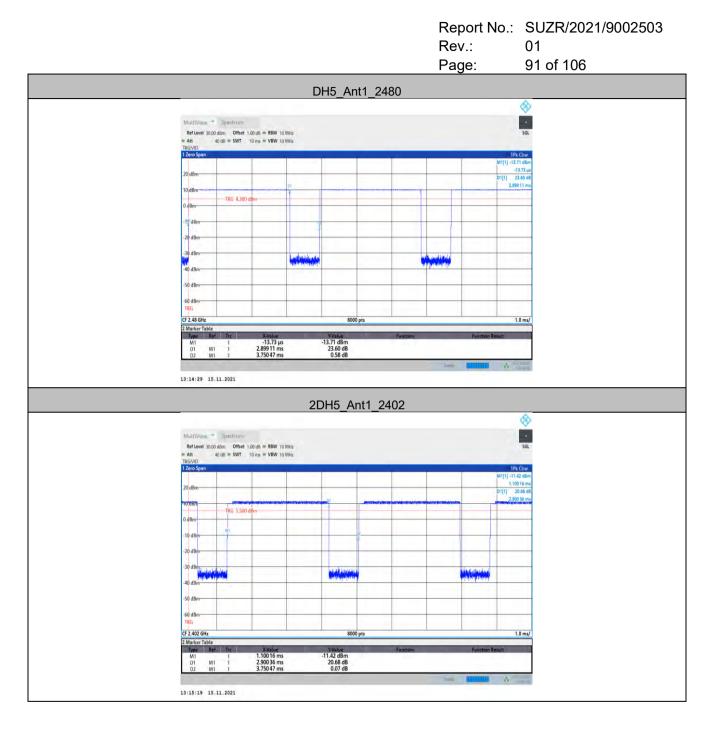
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DH5 Ant1 2402 ٨ + ROLLENVING. Se Ref Level 30.00 dBm Offset 1.00 dB RBW 10 MHz Att 40 dB SWT 10 ms VBW 10 MHz Att TRG 4.900 dl 10 dBr 20 dBn 30 dBm All the AD dBm 50 dBn -60 dBn CF 2.402 GH: 1.0 ms/ 8000 pts 2 Marker Ta -12.48 μs 2.899 11 ms 3.750 47 ms 1.39 dBm 10.14 dB 0.10 dB M1 D1 D2 M1 M1 13:12:09 15.11.2021 DH5 Ant1 2441 \otimes MultiView - Spec Ref Level 30.00 dBm Offset 1.00 dB RBW 10 MHz Att 40 dB SWT 10 ms VBW 10 MHz 10 dBm TRG 5.900 d 0 dBm 10 dBn dB 40 dВл -50 dBn -60 dBn CF 2.441 GHz 8000 pts 1.0 ms, Y-Value 10.47 dBm 22.17 dB 0.06 dB -12.48 μs -12.48 μs 2.897 86 ms 3.750 47 ms M1 D1 M1 13:12:55 15.11.2021

Test Graphs











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	3DH	15_Ant1_2402		
MultiView Spectrum Ref Level 30.00 dBm Offset 1.4 *Att 40 dB * SWT 1 TRGVID 12cro Span			0 TPA (x1(t) -11.2	sa. Gree
20 dBm 10 08m 170 08m -10 dBm -20 dBm	an a		2341 Di[i] 2 230	.17 dB
-30 dBm -40 dBm -50 dBm -60 dBm -7R6		Beinsteinen Beinsteinen		
CF 2.402 GHz 2. Marker Table Type Ref Trc M1 1 D1 M1 1 D2 M1 T 13:18:25 15.11.2021	2.741 62 ms -11 2.902 86 ms	8000 pts 79 dBm 1.17 dB 0.21 dB	1. Function Result	
MultiView Spectrum Ref Level 30.00 dim Offset 14 Att 40 dB * SWT 1		15_Ant1_2441		2 50
TRECVID 1 Zero Span 20 dBm 10 dBm TRG 6 SU0 d 0 dBm -10 dBm	Sr Ville		0 194 Mrt[1 - 105 2.789 0 1717 20 0 1747 20 00	12 ms 183 dB
-20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -186				
GF 2.441 GHz GF 2.441 GHz Tupe Ref Trc M1 1 D1 M1 1 D2 M1 T 13:19:01 15.11.2021	2.78912 ms -10	8000 pts Philos Function 59 dBm 10.83 dB 0.11 dB	Turtion Real	0 ms/



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			3DH5_Ar	nt1_2480		
						*
NULL LINK	w = Spectrum					
Ref Leve	30.00 dBm Offset 1.0					SGL
# Att TRG:VID	40 dB . SWT 10	ms WBW 10 MHz				
1 Zero Spa	n				0 TPX M1[1] -12.5	
20 dBm-	_				2.950 D1[1] 2	39 ms
19066		-	Concern Colored With a state		2.90	
	TRG 5.300 dB	m				
0 dBm						
-10 dBm-		- Mi				
-20 dBm-						
-20 000						
-30 dBm		an a state for		wanter Million		
-40 dBm-	_	and the second se		the state of the s		
-50 dBm-	_					
-30 00m						
-60 dBm- TRG						
CF 2.48 GF						.0 ms/
CF 2.48 GP			8000	pts		u msy
790 M1 D1 D2		X-Value 2.950 39 ms 2.902 86 ms 3.750 47 ms	-12.53 dBm 21.12 dB -0.10 dB	Function	Function Result	
13-19-33	15.11.2021					
40.44.00						



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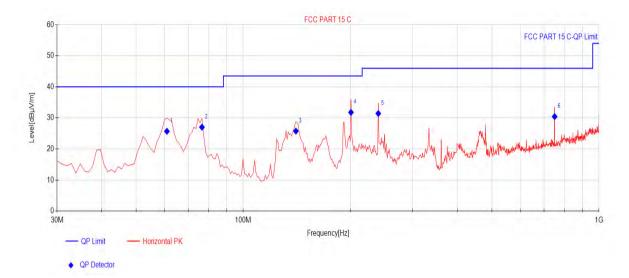
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Radiated Spurious Emissions

Radiated emission below 1GHz



Final	Final Data List										
NO.	Frequency [MHz]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity			
1	61.0711	-22.74	25.71	40.00	14.29	163	89	Horizontal			
2	76.6066	-25.12	27.03	40.00	12.97	246	96	Horizontal			
3	140.6907	-22.76	25.76	43.50	17.74	384	265	Horizontal			
4	200.8909	-20.07	31.79	43.50	11.71	241	89	Horizontal			
5	239.7297	-18.68	31.44	46.00	14.56	112	12	Horizontal			
6	750.4605	-8.04	30.44	46.00	15.56	120	41	Horizontal			

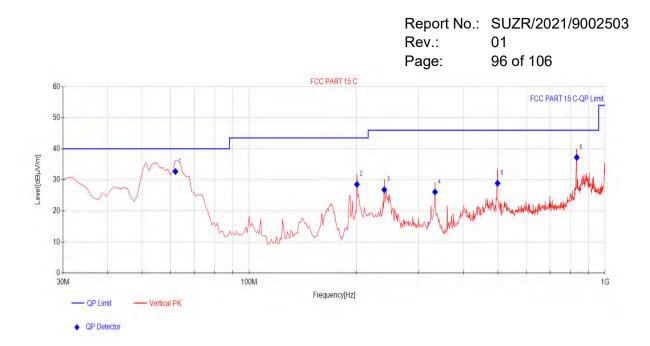


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Final	Final Data List										
NO.	Frequency [MHz]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity			
1	62.0420	-22.99	32.69	40.00	7.31	163	360	Vertical			
2	200.8909	-20.07	28.56	43.50	14.94	152	69	Vertical			
3	239.7297	-18.68	26.84	46.00	19.16	215	324	Vertical			
4	332.9429	-16.06	26.09	46.00	19.91	146	76	Vertical			
5	498.9790	-13.24	28.92	46.00	17.08	296	360	Vertical			
6	832.9930	-6.27	37.24	46.00	8.76	305	343	Vertical			



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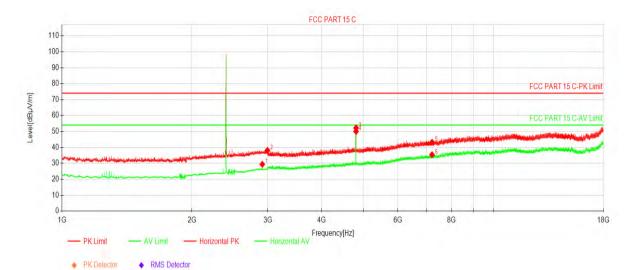
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Transmitter emission above 1GHz

EMISSION GFSK CH00



Data I	List							
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2912.50	29.39	-17.46	54.00	24.61	236	279	Horizontal
2	2992.00	38.12	-16.93	74.00	35.88	258	57	Horizontal
3	4804.00	52.24	-12.33	74.00	21.76	244	122	Horizontal
4	4804.00	50.05	-12.33	54.00	3.95	366	122	Horizontal
5	7206.00	43.23	-5.91	74.00	30.77	125	134	Horizontal
6	7206.00	35.38	-5.91	54.00	18.62	189	42	Horizontal



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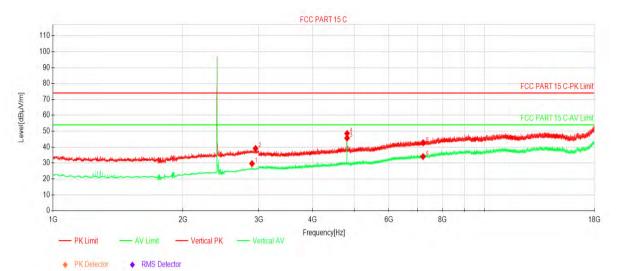


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EMISSION GFSK CH00



Data	List					-		
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2892.00	29.65	-17.56	54.00	24.35	158	232	Vertical
2	2948.00	39.21	-17.22	74.00	34.79	260	176	Vertical
3	4804.00	45.70	-12.33	54.00	8.30	258	162	Vertical
4	4804.00	48.61	-12.33	74.00	25.39	188	162	Vertical
5	7206.00	42.76	-5.91	74.00	31.24	331	162	Vertical
6	7206.00	34.07	-5.91	54.00	19.93	274	203	Vertical



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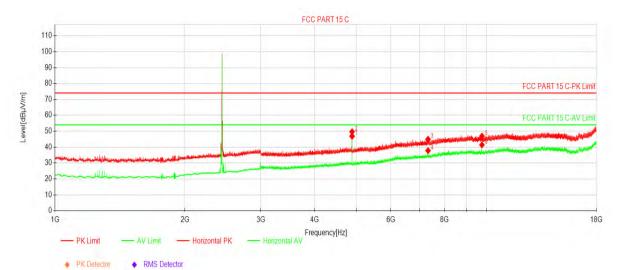


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EMISSION GFSK CH39



Data	List			_				
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4882.00	46.90	-12.48	54.00	7.10	298	313	Horizontal
2	4882.00	49.72	-12.48	74.00	24.28	146	313	Horizontal
3	7323.00	44.94	-5.42	74.00	29.06	287	252	Horizontal
4	7323.00	37.82	-5.42	54.00	16.18	236	252	Horizontal
5	9764.00	46.94	1.02	74.00	27.06	300	173	Horizontal
6	9764.00	41.43	1.02	54.00	12.57	100	243	Horizontal



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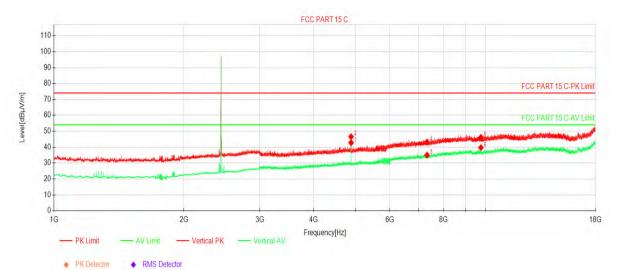


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EMISSION GFSK CH39



Data List										
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity		
1	4882.00	42.75	-12.48	54.00	11.25	158	360	Vertical		
2	4882.00	46.56	-12.48	74.00	27.44	244	14	Vertical		
3	7323.00	34.97	-5.42	54.00	19.03	169	83	Vertical		
4	7323.00	43.21	-5.42	74.00	30.79	299	14	Vertical		
5	9764.00	46.15	1.02	74.00	27.85	152	344	Vertical		
6	9764.00	39.67	1.02	54.00	14.33	100	344	Vertical		



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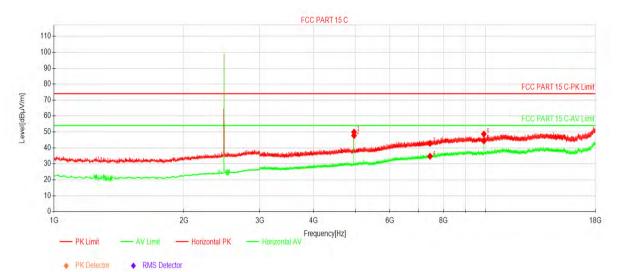
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EMISSION GFSK CH78



Data I	Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity		
1	4960.00	49.91	-12.41	74.00	24.09	188	143	Horizontal		
2	4960.00	47.74	-12.41	54.00	6.26	314	303	Horizontal		
3	7440.00	42.86	-5.36	74.00	31.14	165	273	Horizontal		
4	7440.00	34.76	-5.36	54.00	19.24	312	262	Horizontal		
5	9920.00	44.36	1.29	54.00	9.64	152	254	Horizontal		
6	9920.00	48.71	1.29	74.00	25.29	246	242	Horizontal		



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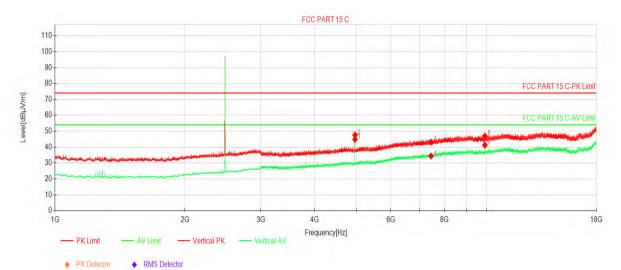


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EMISSION GFSK CH78



Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	4960.00	44.87	-12.41	54.00	9.13	124	360	Vertical	
2	4960.00	47.63	-12.41	74.00	26.37	165	360	Vertical	
3	7440.00	43.16	-5.36	74.00	30.84	216	234	Vertical	
4	7440.00	34.39	-5.36	54.00	19.61	355	3	Vertical	
5	9920.00	46.96	1.29	74.00	27.04	185	254	Vertical	
6	9920.00	41.28	1.29	54.00	12.72	194	245	Vertical	



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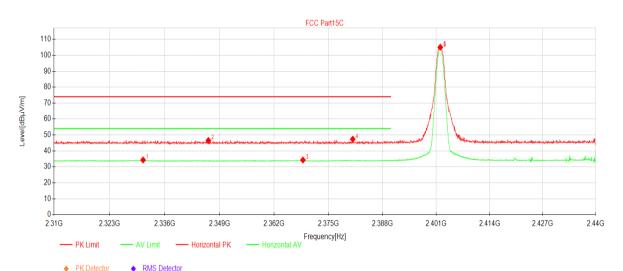
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Restricted bands around fundamental frequency

BAND_EDGE GFSK CH00



		•									
Data	Data List										
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity			
1	2330.89	34.30	3.01	54.00	19.70	265	313	Horizontal			
2	2346.32	46.52	3.07	74.00	27.48	258	256	Horizontal			
3	2368.86	34.30	3.17	54.00	19.70	222	281	Horizontal			
4	2380.83	47.37	3.22	74.00	26.63	158	227	Horizontal			
5	2402.00	105.08	3.31	73.89	-31.19	236	252	Horizontal			
6	2402.00	104.64	3.31	53.92	-50.72	224	252	Horizontal			



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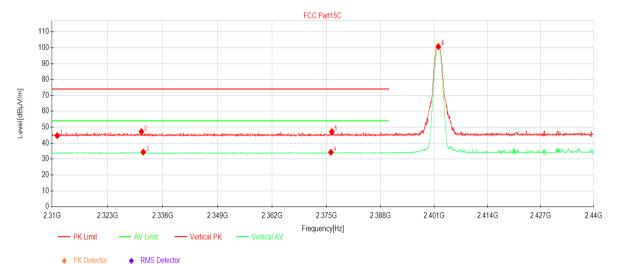


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BAND_EDGE GFSK CH00



Data	Data List										
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity			
1	2311.21	44.73	2.93	74.00	29.27	300	272	Vertical			
2	2330.98	47.23	3.01	74.00	26.77	259	357	Vertical			
3	2331.41	34.36	3.01	54.00	19.64	236	242	Vertical			
4	2376.06	34.25	3.20	54.00	19.75	148	172	Vertical			
5	2376.27	47.22	3.20	74.00	26.78	266	186	Vertical			
6	2402.00	100.75	3.31	73.89	-26.86	209	212	Vertical			
7	2402.00	100.75	3.31	53.92	-46.83	337	212	Vertical			



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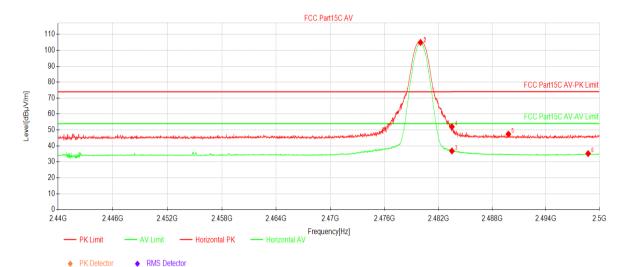
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Data List										
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity		
1	2480.00	104.93	3.88	74.00	-30.93	185	78	Horizontal		
2	2480.00	104.27	3.88	54.00	-50.27	146	83	Horizontal		
3	2483.50	36.82	3.91	54.00	17.18	152	72	Horizontal		
4	2483.50	51.99	3.91	74.00	22.01	201	78	Horizontal		
5	2489.79	47.39	3.96	74.00	26.61	335	337	Horizontal		
6	2498.71	35.18	4.02	54.00	18.82	189	267	Horizontal		



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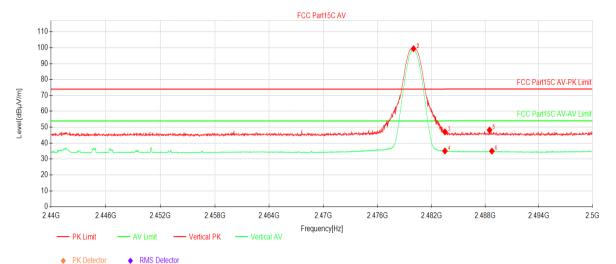


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BAND_EDGE GFSK CH78



Data	Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity		
1	2480.00	99.38	3.88	74.00	-25.38	179	48	Vertical		
2	2480.00	98.98	3.88	54.00	-44.98	147	43	Vertical		
3	2483.50	47.07	3.91	74.00	26.93	346	53	Vertical		
4	2483.50	35.06	3.91	54.00	18.94	389	38	Vertical		
5	2488.47	48.25	3.95	74.00	25.75	276	177	Vertical		
6	2488.73	35.01	3.95	54.00	18.99	167	38	Vertical		

The End



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