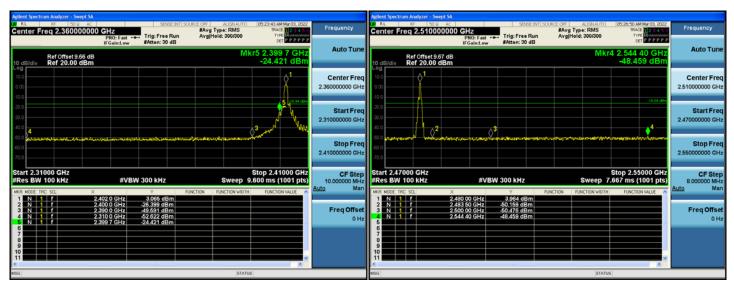


8DPSK mode - conducted emissions at the band edge

Low band-edge (non-hopping mode)



Low band-edge (hopping mode)

High band-edge (hopping mode)

High band-edge (non-hopping mode)

Agilent Spectrum Analyzer - Swept SA		Aglient Spectrum Analyzer - Swept SA	
NL M SO ≥ AC SPREENT SOURCE OFF ALXIVATIO 07:000 AVM TO, 2022 Center Freq 2.352500000 GHz PROF.Fast Frig.Free Run SV92 Free RMS TMACI BOSE TMACI BO	Frequency	Bit Bit <th>Frequency</th>	Frequency
Ref Offset 9.6 dB Mkr5 2.310 395 GHz 10 dB/div Ref 20.00 dBm -49.231 dBm	Auto Tune	Ref Offset 9.67 dB Mkr4 2.504 56 GHz 10 dB/div Ref 20.00 dBm -48.208 dBm	Auto Tune
	Center Freq 2.352500000 GHz		Center Freq 2.51000000 GHz
	Start Freq 2.300000000 GHz		Start Freq 2.47000000 GHz
500	Stop Freq 2.405000000 GHz	800	Stop Freq 2.55000000 GHz
Start 2.30000 GHz Stop 2.40500 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 10.07 ms (1001 pts #W9 MODE THE SEL X Y Punction Function worth Function worth		MKH MODE THE SEL X Y FUNCTION WOTH FUNCTION VALUE	CF Step 8.000000 MHz Auto Man
1 N 1 f 2.404 065 GHz 0.977 dBm 2 N 1 f 2.400 000 GHz 3.4 196 dBm 3 N 1 f 2.390 000 GHz 5.1347 dBm 4 N 1 f 2.310 000 GHz 5.1397 dBm 4 N 1 f 2.310 000 GHz 49.231 dBm	Freq Offset 0 Hz	1 N 1 f 247400 GHz 2749 dBm 2 N 1 f 2483 50 GHz 35.722 dBm 3 N 1 f 2500 00 GHz 50.629 dBm 4 N 1 f 2504 56 GHz 48.208 dBm	Freq Offset 0 Hz
9 10		0 7 8 9 10 11	
KSG STATUS		KSG STATUS	



5.9 Conducted spurious emissions

5.9.1 Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated 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, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

5.9.2 Test setup



5.9.3 Test procedure

- a) Test method: ANSI C63.10-2013 Section 6.10.4
- b) The EUT was set to non-hopping mode & hopping mode during the test.
- c) The transmitter output of EUT is connected to the spectrum analyzer.
- d) Spectrum analyzer setting: RBW = 100 kHz, VBW = 300 kHz, Detector = Peak.

5.9.4 Test results

Notes:

All modes of operation of the EUT were investigated, and only the worst-case results are reported. The worst-case mode: TX mode (8DPSK).

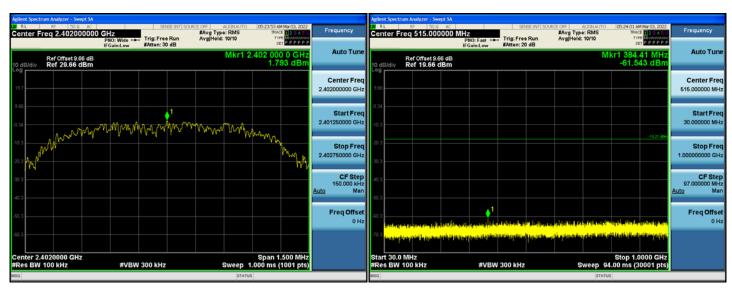


Conducted spurious emissions – GFSK mode

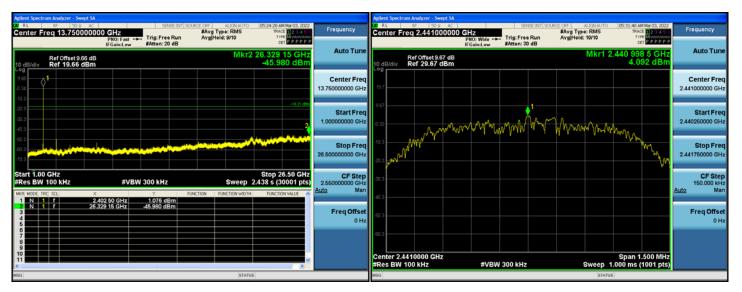
CH0

CH0

CH39

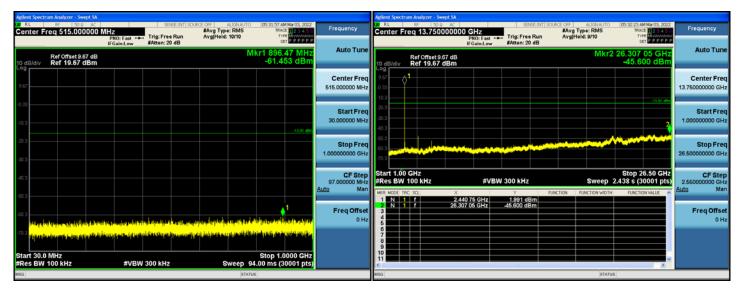


CH0



CH39

CH39





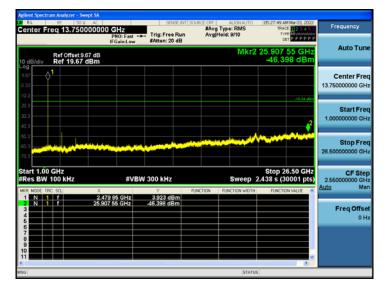
Conducted spurious emissions – GFSK mode

CH78

CH78



CH78





5.10 Radiated spurious emission

5.10.1 Limits

§ 15.247 (d) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated 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, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.205(c)).

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

§ 15.209 Radiated emission limits; general requirements.

Note 1: the tighter limit applies at the band edges.

Note 2: the emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector

§ 15.35 (b) requirements:

When average radiated emission measurements are specified in this part, including average emission measurements below 1000 MHz, there also is a limit on the peak level of the radio frequency emissions. Unless otherwise specified, e.g., see §§ 15.250, 15.252, 15.253(d), 15.255, 15.256, and 15.509 through 15.519, the limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test.



According to ANSI C63.10-2013, the tests shall be performed in the frequency range shown in the following table:

Frequency range of measurements for unlicensed wireless device

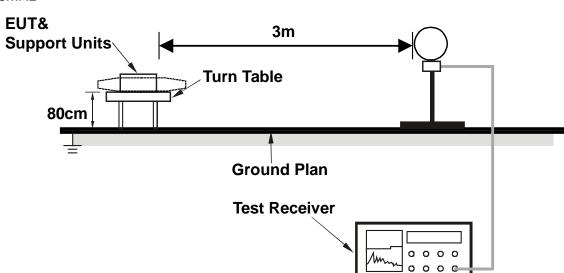
Lowest frequency generated in the device	Upper frequency range of measurement
9 kHz to below 10 GHz	10th harmonic of highest fundamental frequency or to 40 GHz, whichever is lower
At or above 10 GHz to below 30 GHz	5th harmonic of highest fundamental frequency or to 100 GHz, whichever is lower
At or above 30 GHz	5th harmonic of highest fundamental frequency or to 200 GHz, whichever is lower, unless otherwise specified

Frequency range of measurements for unlicensed wireless device with digital device

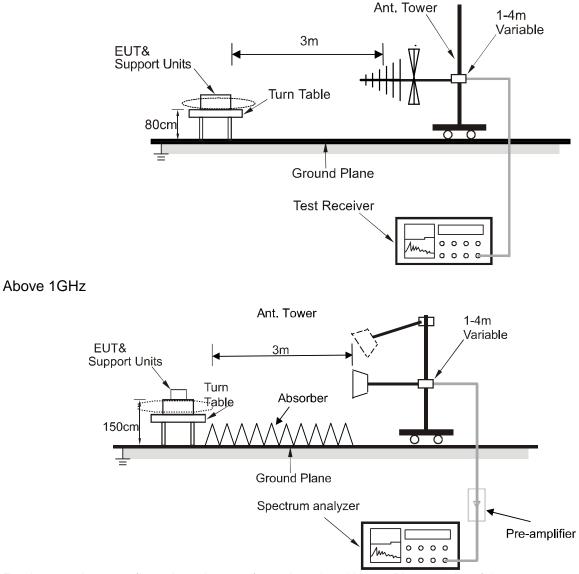
Highest frequency generated or used in the device or on which the device operates or tunes	Upper frequency range of measurement
Below 1.705 MHz	30 MHz
1.705 MHz to 108 MHz	1000 MHz
108 MHz to 500 MHz	2000 MHz
500 MHz to 1000 MHz	5000 MHz
	5th harmonic of the highest frequency or 40 GHz, whichever is lower



5.10.2 Test setup Below 30MHz



30MHz~1GHz



For the actual test configuration, please refer to the related item - Photographs of the test setup.



5.10.3 Test procedure

a) Test method: ANSI C63.10-2013 Section 6.3, 6.4, 6.5, 6.6, 6.10.

b) The EUT is placed on an on-conducting table 0.8 meters above the ground plane for measurement below 1GHz, 1.5 meters above the ground plane for measurement above 1GHz.

c) Emission blew 18 GHz were measured at a 3 meters test distance, above 18 GHz were measured at 1.5-meter test distance with the application of a distance correction factor

d) The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

KDB 558074 D01 15.247 Meas Guidance v05r02

The use of a duty cycle correction factor (DCCF) is permitted for calculating average radiated field strength emission levels for an FHSS device in 15.247. This DCCF can be applied when the unwanted emission limit is subject to an average field strength limit (e.g., within a Government Restricted band) and the conditions specified in Section 15.35(c) can be satisfied. The average radiated field strength is calculated by subtracting the DCCF from the maximum radiated field strength level as determined through measurement. The maximum radiated field strength level represents the worst-case (maximum amplitude) RMS measurement of the emission(s) during continuous transmission (i.e., not including any time intervals during which the transmitter is off or is transmitting at a reduced power level). It is also acceptable to apply the DCCF to a measurement performed with a peak detector instead of the specified RMS power averaging detector. Note that Section 15.35(c) specifies that the DCCF shall represent the worst-case (greatest duty cycle) over any 100 msec transmission period.

Test instrument setup

Frequency	Test receiver / Spectrum analyzer setting
9 kHz ~ 150 kHz	Quasi Peak / RBW: 200 Hz
150 kHz ~ 30 MHz	Quasi Peak / RBW: 9 kHz
30 MHz ~ 1 GHz	Quasi Peak / RBW: 120 kHz
Above 1 GHz	Peak / RBW: 1 MHz, VBW: 3MHz, Peak detector AVG / RBW: 1 MHz, VBW: 1/T, Peak detector

5.10.4 Test results

Notes:

The amplitude of spurious emissions which are attenuated more than 20 dB below the limits are not reported.

All modes of operation of the EUT were investigated, and only the worst-case results are reported.

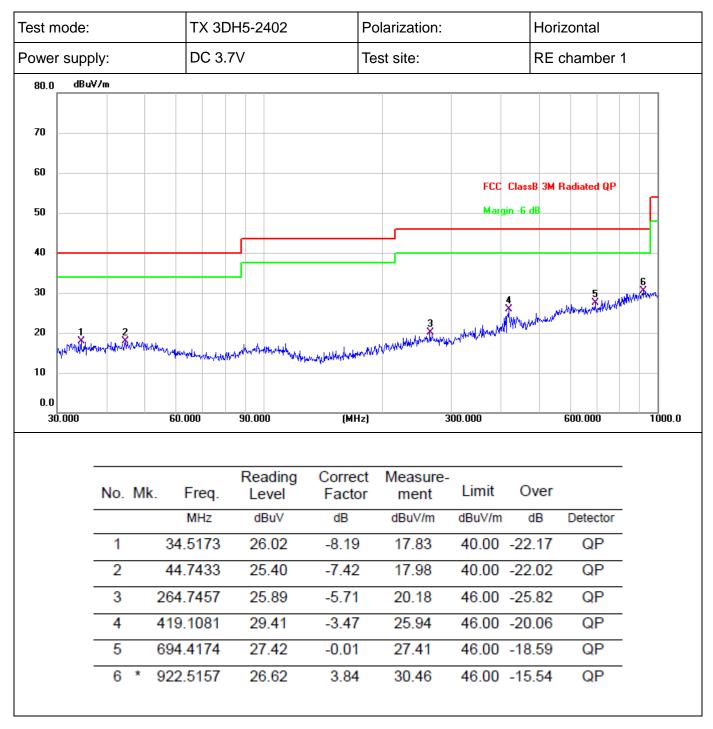
There were no emissions found below 30MHz within 20dB of the limit.

Calculation formula:

Measurement ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Correct Factor (dB/m) Over (dB) = Measurement ($dB\mu V/m$) – Limit ($dB\mu V/m$)

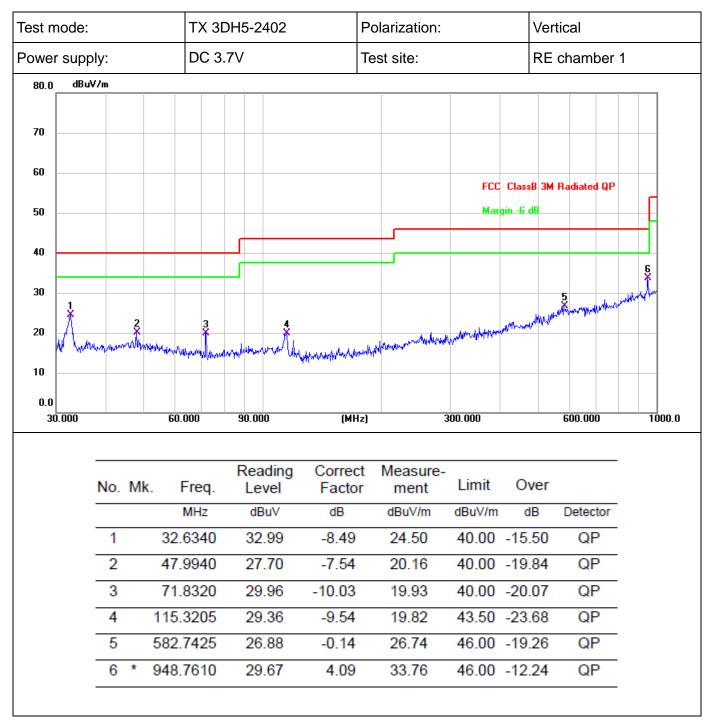


Radiated emissions between 30MHz – 1GHz





Radiated emissions between 30MHz – 1GHz





Test mode:	Test mode: TX 3D			MHz	Polariza	tion:		Но	rizontal	1	
Power supply:		DC 3.7	٧V		Test site):		RE	chamb	per 1	
86.9 dBuV/m											1
77								FC	CABOVE_	_1G_PEAK	
67											
57			4		<u> </u>			FC	ABQVE	16 AVG	2
47		2	5	and some and a second so	Zyman	and the second of	rene and the second second	platent and a state			-
37	Junio	2 Martin									
27	Y .										
17											
7											
-3											
-13											
-23											
-33											
1000.000 27	00.00 440	0.00 61	00.00 7800).00 (Mł	lz) 112	200.00	12900.00	14600.0	00 163	00.00 180	<u>,</u> 00.00
No	o. Mk.	Freq.	Reading Level	Correc Facto			Limit	Over			
		MHz	dBuV	dB	dBu\	//m	dBuV/m	dB	Detect	tor	
1	1 * 240	2.000	61.64	-6.17	55.4	47	74.00	-18.53	pea	ak	
2	2 480	4.000	44.80	1.52	46.3	32	74.00	-27.68	pea	ak	
3	3 480	4.000	39.71	1.52	41.2	23	74.00	-32.77	QF)	
4	4 720	5.000	47.80	5.46	53.2	26	74.00	-20.74	pea	ak	
ŀ	5 720	5.000	41.11	5.46	46.	57	74.00	-27.43	QF	>	
							74.00				
	6 960	000.8	44.38	6.33	50.	71	74.00	-23.29	pea	ak	



Test mode	e:	TX 3D	0H5 – 2402	MHz F	olarization:	Vert	Vertical			
Power sup	oply:	DC 3.	7V	٦	est site:		RE	RE chamber 1		
86.9 dB	3uV/m						1			1
77							FCC	ABOVE	1G_PEAK	
67										
57	1 X		4				FCC	ABOYE	16 AVGIN	
47		more the sector	A A A A A A A A A A A A A A A A A A A	and the second second second	for my house my the	and several production of the second s	white the second second			
37		monther and down	Non-	· · · · · · · · · · · · · · · · · · ·						
27	$\mathcal{N}^{V^{V}}$									
17										
7										
-3										
-13										
-23										
-33										
-33 1000.00	0 2700.00	4400.00 6	100.00 7800).00 (MHz)	11200.00	12900.00	14600.0	0 163	00.00 180) 100.00
			Reading	Correct	Measure-		14600.0 Over	0 163	00.00 180	000.00
	00 2700.00 No. Mi							0 163		000.00
		k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over dB		or	00.00
	No. M	k. Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB 14.45	Detecto	or Ik	joo. ot
	No. M	k. Freq. MHz 2402.000	Reading Level dBuV 65.72	Correct Factor dB -6.17	Measure- ment dBuV/m 59.55	Limit dBuV/m 74.00 -1	Over dB 14.45 27.61	Detecto	or ik ik	100. OC
	No. MI	k. Freq. MHz 2402.000 4804.000	Reading Level dBuV 65.72 44.87	Correct Factor dB -6.17 1.52	Measure- ment dBuV/m 59.55 46.39	Limit dBuV/m 74.00 -1 74.00 -2	Over dB 14.45 27.61 32.98	Detecto pea pea	or ik ik	1 100.00
	No. MI	k. Freq. MHz 2402.000 4804.000 4804.000	Reading Level dBuV 65.72 44.87 39.50	Correct Factor dB -6.17 1.52 1.52	Measure- ment dBuV/m 59.55 46.39 41.02	Limit dBuV/m 74.00 -1 74.00 -2 74.00 -3	Over dB 14.45 27.61 32.98 19.65	Detecto pea pea	or ik ik	00.0
	No. MI	k. Freq. MHz 2402.000 4804.000 4804.000 7205.000	Reading Level dBuV 65.72 44.87 39.50 48.89	Correct Factor dB -6.17 1.52 1.52 5.46	Measure- ment dBuV/m 59.55 46.39 41.02 54.35	Limit dBuV/m 74.00 -1 74.00 -2 74.00 -3 74.00 -1	Over dB 14.45 27.61 32.98 19.65 24.43	Detecto pea pea QP pea	or ik ik	00.0(



Test mode: TX 3D			DH5 - 2441 I	MHz F	olarization:		Horizontal		
Power sup	oply:	DC 3	.7V	Т	est site:		RE cham	ber 1	
86.9 dE	3uV/m				i	ĺ			
77							FCC ABOVE	_1G_PEAK	
67									
57	1 X						the second states and s	LGuANGHA	
47		2	A Company of the Comp		weren house have been	and the second second	·		
37	Mr	and the second second	^	X	:				
27	/ * ·								
17									
7									
-3									
-13									
-23									
-33 1000.00	0 2700.00	4400.00 6	i100.00 7800	.00 (MHz)	11200.00	12900.00 1	4600.00 163	300.00 180 00.0(
			Reading	Correct	Measure-				
	No. M		Level	Factor	ment		ver		
		MHz	dBuV	dB	dBuV/m		dB Detec		
	1 *	2441.000	65.07	-5.99	59.08	74.00 -14	<u> </u>		
	2	4882.000	43.07	1.68	44.75	74.00 -29			
	3	4882.000	37.94	1.68	39.62	74.00 -34	.38 QF	>	
	3	4882.000 7323.000	37.94 44.57	1.68 5.45	39.62 50.02	74.00 -34 74.00 -23	.38 QF .98 pe	ak	
	3 4 5	4882.000 7323.000 7323.000	37.94 44.57 37.60	1.68 5.45 5.45	39.62 50.02 43.05	74.00 -34 74.00 -23 74.00 -30	.38 QF .98 pe .95 QF	ak	
	3	4882.000 7323.000	37.94 44.57	1.68 5.45	39.62 50.02	74.00 -34 74.00 -23	.38 QF .98 pe .95 QF .24 pe	ak o ak	



Test mode: TX 3D			H5 - 2441 I	MHz	Polarization:		Vertic	Vertical		
Power sup	oly:	DC 3.	7V		Test site:		RE cl	RE chamber 1		
86.9 dBu	i¥/m								_	
77							FCC A	BOVE_1G_PEAK		
67										
57			A				FCCA	BOXE 15 AVG	.	
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27	~ *								_	
17									_	
7										
-3										
-13										
-23									_	
-33	0700.00	4400.00			> 11000.00	10000.00	1 1000 00	10000 00 1		
1000.000	2700.00	4400.00 61	100.00 7800).00 (MHz	z) 11200.00	12900.00	14600.00	16300.00 1	8000.00	
	No. M	k. Freq.	Reading Level	Correct Factor			Over			
	No. M	k. Freq. MHz						Detector		
	No. MI	· · · ·	Level	Factor	ment	Limit (dB [Detector		
		MHz	Level dBuV	Factor dB	dBuV/m	Limit (dBuV/m	dB (7.25			
	1 *	MHz 2440.000	Level dBuV 62.75	Factor dB -6.00	ment dBuV/m 56.75	Limit (dBuV/m 74.00 -1	dB (7.25 9.64	peak		
	1 *	MHz 2440.000 4882.000	Level dBuV 62.75 42.68	Factor dB -6.00 1.68	ment dBuV/m 56.75 44.36	Limit (dBuV/m 74.00 -1 74.00 -2	dB (7.25 9.64 1.62	peak peak		
	1 * 2 3	MHz 2440.000 4882.000 4882.000	Level dBuV 62.75 42.68 40.70	Factor dB -6.00 1.68 1.68	ment dBuV/m 56.75 44.36 42.38	Limit (dBuV/m 74.00 -1 74.00 -2 74.00 -3	dB (7.25 9.64 1.62 2.12	peak peak QP		
	1 * 2 3 4	MHz 2440.000 4882.000 4882.000 7323.000	Level dBuV 62.75 42.68 40.70 46.43	Factor dB -6.00 1.68 1.68 5.45	ment dBuV/m 56.75 44.36 42.38 51.88	Limit (dBuV/m 74.00 -1 74.00 -2 74.00 -3 74.00 -2	dB (7.25 9.64 1.62 2.12 3.99	peak peak QP peak		



Test mode:		TX 3D	H5 – 2480 N	ИHz Р	olarization:		Horizontal			
Power supp	oly:	DC 3.7	٧V	Te	est site:		RE ch	RE chamber 1		
86.9 dBu	V/m	i	i i		i i i i i i i i i i i i i i i i i i i				_	
77							FCC AB	OVE_1G_PEAK		
67										
57	1 X						FCC AB	QYE 16 AKO	~	
47		2	house and here all the start	mumme	down war and the second	and all and the second				
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27 📈	~ ~								_	
17									_	
7									_	
-3									_	
-13									_	
-23									_	
-33 1000.000	2700.00	4400.00 61	00.00 7800.1	DO (MHz)	11200.00	12900.00 1	4600.00	16300.00 1	8000.00	
	No. N	/lk. Freq.	Reading Level	Correct Factor	Measure- ment	Limit (Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB D)etector		
	1 *	2479.000	63.41	-5.81	57.60	74.00 -1	6.40	peak		
	2	4960.000	43.43	1.83	45.26	74.00 -2	8.74	peak		
	3	4960.000	40.83	1.83	42.66	74.00 -3	1.34	QP		
	4	7440.000	42.81	5.43	48.24	74.00 -2	5.76	peak		
	5	7440.000	38.93	5.43	44.36	74.00 -2	9.64	QP		
	0	9920.000	42.55	6.41	48.96	74.00 -2	5.04	peak		
	6	0020.000	12.00							



Test mode:		TX 3D	H5 – 2480	MHz F	Polarization:		Verti	Vertical		
Power sup	oly:	DC 3.7	' V	Т	est site:		RE c	RE chamber 1		
86.9 dBu	W/m								_	
77							FCC	ABOVE_1G_PEAR	<u> </u>	
67										
57	1 X						and the second second	AROVE 16 AVG	Jun .	
47		2	Š	the second se	Same and a second	Marghashow	pur and a second			
37	Man	the marked and the second and the			<u> </u>				_	
37 27	V V .									
17										
7										
-3										
-13										
-23										
-33										
1000.000	2700.00	4400.00 61	00.00 7800	.00 (MHz)	11200.00	12900.00	14600.00	16300.00	18000.00	
	No. M	k. Freq.	Reading Level	Correct Factor		Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector		
	1 *	2479.000	62.13	-5.81	56.32	74.00 -	17.68	peak		
	2	4960.000	43.53	1.83	45.36	74.00 -	28.64	peak		
	2		43.53 38.91	1.83 1.83	45.36 40.74	74.00 - 74.00 -		peak QP		
		4960.000					33.26	-		
	3	4960.000 4960.000	38.91	1.83	40.74	74.00 -	33.26 23.85	QP		
	3	4960.000 4960.000 7440.000	38.91 44.72	1.83 5.43	40.74 50.15	74.00 - 74.00 -	33.26 23.85 28.26	QP peak		



Test mode:			ТХ	TX 3DH5 – 2402 MHz			zation:		Horizonta	
Power	suppl	y:	DC	3.7V		Test s	ite:	RE chamber 1		
80.0	dBuV∂	'm							FCC ABOV	
70									FLC ABUY	
60		1	1 40 L 40.0X	homen for welling how work of		5	والعرب ومعر للالالالم والمسر	honorman	when FR Share A BRAX	E.H.C.A.Yunkey peak
50	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2	N. N						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	AVG
40		en Xanana	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	m	S				-	
30										
20										
10										
0										
-10										
-20	000 000	10700 00 10	100.00	20100.00	000.00 4		22200 00	22000 00 20		00.00 05000.00
	000.000	18700.00 19	3400.00			(Hz)			3600.00 243	00.00 25000.00
No	o. Mk	. Fre		Reading Level	Corre Facto		leasure ment	- Limit	Over	
		MHz	·	dBuV	dB		BuV/m	dBuV/m	dB	Detector
	1	18763.0	00	62.24	-8.39)	53.85	74.00	-20.15	peak
2	2	18763.0	00	51.72	-8.39)	43.33	54.00	-10.67	AVG
3	3	20723.0	<u>l</u>	62.63	-7.90)	54.73	74.00	-19.27	peak
	4	20723.0	ô	51.45	-7.90)	43.55	54.00	-10.45	AVG
		21843.0	<u> </u>							
	5	21843.0	^	63.01 51.23	-6.90		56.11		-17.89	peak AVG
	6 *				-6.90		44.33	E 4 00	-9.67	



Test mo	ode:		TX 3DH5 – 24	02 MHz	Polarizati	ion:		Vertical		
Power	supply:		DC 3.7V		Test site:			RE chamber 1		
80.0	dBu¥/m				ĺ			FCC ABOV	F 1G-PK	
70										
60 -				3	5			FCC ADOV		
50	muniture	en spraten water have	mar and the second second second	when a build and a start	Mary 10 10 10 10 10 10 10 10 10 10 10 10 10	alling any all of	honorman	herrolyksterinten fallen de	LACAY peak	
40	2			~~~ 4 ~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			AVG	
30 -										
20 –										
10										
0										
-10										
-20										
180	00.000 18	3700.00 1940		20800.00 (MH	_			600.00 243	00.00 25000.0	
No.	Mk.	Freq.	Reading Level	Correc Facto		isure- ent	Limit	Over		
		MHz	dBuV	dB	dBu	V/m	dBuV/m	dB	Detector	
1	1	18350.00	62.60	-8.59	54	.01	74.00	-19.99	peak	
2	1	18350.00	51.39	-8.59	42	.80	54.00	-11.20	AVG	
3	2	21304.00	62.27	-7.51	54	.76	74.00	-19.24	peak	
4	2	21304.00	50.42	-7.51	42	.91	54.00	-11.09	AVG	
5	2	21843.00	63.01	-6.90	56	.11	74.00	-17.89	peak	
6	* *	21843.00	51.12	-6.90	44	.22	54 00	-9.78	-	



Test m	ode:		۲Х	K 3DH5 - 24	402 MHz	Polariza	tion:		Horizontal	
Power	supply	:	D	C 3.7V		Test site	:		RE chamb	per 1
100.0	dBuV/i	n								-6
90 80										Å
70									FCC ABOVE	1G_PEAK
60									FCC ABOVE	G_AVG
50 -	er Maria and and and and and and and and and an	1	nuto i		and the second second		Lat Marcine Car	and the second	ungun mund	peak
10	₽~/* <u>1</u> /~/+ <u>/</u> +/+###	2	mpermanya	n Lalley - Arta Ayrina (Yr 1979) -	Armonia Parine and Andrew Armonia				4	AVG
30 =		~	·							
20										
10										
0										
-10 -20										
L	00.000 2	2311.00	2322.00	2333.00	2344.00 (M	Hz) 23	66.00 2	377.00 23	388.00 239	9.00 2410.00
N	o. Mł	k. F	req.	Reading Level	g Corre Facto		asure- nent	Limit	Over	
		N	1Hz	dBuV	dB	dB	uV/m	dBuV/m	dB	Detector
	1	2310.	000	47.86	-6.60) 41	1.26	74.00	-32.74	peak
	2	2310.	000	38.60	-6.60) 32	2.00	54.00	-22.00	AVG
	3	2390.	000	49.20	-6.23	3 42	2.97	74.00	-31.03	peak
	4	2390.	000	40.23	-6.23	34	4.00	54.00	-20.00	AVG
	5 *	2402.	080	102.78	-6.17	' 96	6.61		mental	AVG
						' 96		Frequ		



Fest mo	de:		TX 3DH	15 - 240	2 MHz	Polarizat	ion:		Horizontal		
Power s	upply:		DC 3.7	V		Test site:	:		RE chamb	er 1	
100.0	dBuV/m										
90										*	
80									FCC ABOVE	16_PEAK	
70										+	
60 -									FCC ABOVE	G_AVG	
50									3		
40 🚧	1 Muluumanitimu 2	and the house and the	monterior	www.hayhayhayay	warment has the lower of the month of the second	manyuhadiprovendak	and and the local sectors and the sectors and	en our man and have		1 Manune	peak
30	÷.		<u></u>				<u>. </u>				AVG
20											
10											
0 –											
-10											
-20	.000 2311	.00 2322	2 00 233	3.00 2:	344.00 (MH	(2) 236	6.00 2:	377.00 23	88.00 2399	9.00 241	0.00
				ading			asure-				
No.	Mk			aunu	(Corror	T IV/IOS	23UI C-				
	IVIN.	Freq		evel	Correc Facto		ent	Limit	Over		
	IVIX.	Freq. MHz	. Le	-		or m		Limit dBuV/m	Over dB	Detecto)r
1			. Le di	evel	Facto	or m dBu	ent	dBuV/m		Detecto pea	
1	23	MHz	. Le di	evel BuV	Facto dB	or m dBu 41	ent uV/m	dBuV/m 74.00	dB		k
1 2 3	23	MHz 310.000	. Le de) 47) 38	evel BuV 7.60	Facto dB -6.60	or m dBu 41 32	ent JV/m .00	dBuV/m 74.00 54.00	dB -33.00	pea	k G
	2:	MHz 310.000 310.000	. Le de 0 47 0 38 0 48	evel BuV 7.60 3.64	Facto dB -6.60 -6.60	or m dBu 41 32 42	ent ^{JV/m} .00 2.04	dBuV/m 74.00 54.00 74.00	dB -33.00 -21.96	pea AVC	k G
3	2: 2: 2: 2:	MHz 310.000 310.000 390.000	. Le di 0 47 0 38 0 48 0 38	evel BuV 7.60 3.64 3.39	Facto dB -6.60 -6.60 -6.23	or m dBu 41 32 42 32	ent .v/m .00 .04 16	dBuV/m 74.00 54.00 74.00 54.00	dB -33.00 -21.96 -31.84 -21.40 mental	pea AVC pea	k G k G



Fest mod	de:		TX 3D	H5 – 248	80 MHz	Polari	zation:			Vertical		
Power s	upply	:	DC 3.7	٧V		Test s	ite:			RE cham	ber 1	
116.0	dBuV/n	n									1	_
106												
96 -		1	ę									_
86												_
76										FCC ABOVE	1G_PEAK	
66		/										_
56	****		<u> </u>	3	-	and the second second second	-	-		FCC ABOVE	_	5
46		_/									**************************************	
36		- Alexander	\	4			and the second	ر. اروب روب روب روب روب روب روب روب روب روب			Annual Participation and	6 MAVG
26												
16												_
6 –												_
-4												
2475	000 3	477 50 240	0 00 24	02 50 2	405.00 (M	Ú-)	2490.00	24	02 50 24	95.00 240	17 50 2	500.00
2475.	.000 2	477.50 248				Hz)	2490.00		92.50 24	95.00 249	97.50 2	500.00
	.000 2 Mk		Re	ading evel	485.00 (M Corre Facto	ct M	^{2490.00} leasur ment		92.50 24 Limit	95.00 249 Over	97.50 2	500.00
			Re 1. Lo	ading	Corre	ct IV or	leasur	e-			Detec	
	Mk	. Fred	Re 1. Lo	ading evel	Corre Facto	ct IV or	leasur ment	e-	Limit	Over dB		tor
	Mk X	. Frec MHz	Re 1. Lo 3. 10	e ading evel IBuV	Corre Facto dB	or or	leasur ment IBuV/m	e-	Limit dBuV/m	Over dB mental	Detec	tor ak
No.	Mk X	. Frec MHz 2479.82	Re 1. Lo 5 10 5 10	evel IBuV 2.23	Corre Facto dB -5.81	ct M	leasur ment IBuV/m 96.42	e-	Limit dBuV/m Fundar Freque	Over dB mental	Detec pe	tor ak ′G
No.	Mk X *	. Frec MHz 2479.82 2480.02	Re 1. Lo 5 10 5 10 5 10	evel IBuV 2.23 1.99	Corred Facto dB -5.81 -5.81	ct M	leasur ment IBuV/m 96.42 96.18	·e-	Limit dBuV/m Fundar Freque 74.00	Over dB mental ency	Detec per AV	tor ak ′G ak
No.	Mk X *	. Frec MHz 2479.82 2480.02 2483.50	Re 1. Lo 5 10 5 10 0 6 0 4	evel IBuV 2.23 1.99 1.62	Correc Facto dB -5.81 -5.81 -5.79	ct M	leasur ment ^{IBuV/m} 96.42 96.18 55.83	·e-	Limit dBuV/m Fundar Freque 74.00 54.00	Over dB mental ency -18.17	Detec per AV per	tor ak ′G ak ′G



Test mo	ode:		TX 3DH5 – 2	2480 MHz	Polarization:		Vertical		
Power s	suppl	y:	DC 3.7V	-	Test site:		RE cham	oer 1	
116.0	dBuV.	/m			l		1		1
106 -									
96 -									
86		12							
76							FCC ABOVE	_1G_PEAK	
66 -									
56							FCC ABOVE	16_AVG	
46	w.	munet /	Jun 3	Managara and Managar	her with a market war and a market war and	www.www.contraction.org		1000-states and states	5 Xpeak
36			- Anna	······································					6 XAVG
26									
16 -									
6 –									-
-4 247!	5.000	2477.50 248	0.00 2482.50	2485.00 (MHz) 2490.00	2492.50 24	95.00 249	17.50 250	00.00
			Readin	g Correc	t Measure	9-			
No.	Mk	. Freq		Factor		Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detec	tor
1	Х	2479.850	94.55	-5.81	88.74		mental	pe	ak
2	*	2480.025	5 94.29	-5.81	88.48	Frequ	iency	A٧	′G
		2483.500	51.74	-5.79	45.95	74.00	-28.05	pe	ak
3		2403.500							
3		2483.500		-5.79	33.86	54.00	-20.14	A۷	′G
			39.65		33.86 47.15		-20.14 -26.85		



Photographs of the Test Setup

See the appendix – Test Setup Photos.



Photographs of the EUT

See the appendix - EUT Photos.

----End of Report----