

5.7 Number of hopping channels

5.7.1 Limit

Frequency hopping systems in the 2400-2483.5MHz band shall use at least 15 channels.

5.7.2 Test setup

сит	Spectrum
EUT	Analyzer

5.7.3 Test procedure

- a) Test method: ANSI C63.10-2013 Section 7.8.3
- b) The EUT was set to hopping mode during the test.
- c) The tranistter output of EUT is connneted to the specturm analyzer.
- d) Spectrum analyzer setting: RBW = 100 kHz, VBW = 300 kHz, Detector = Peak.

5.7.4 Test results

Mode	Quantity of Hopping Channel	Limit	Results
GFSK	79	≥15	Pass
π/4-DQPSK	79	≥15	Pass
8DPSK	79	≥15	Pass



GFSK

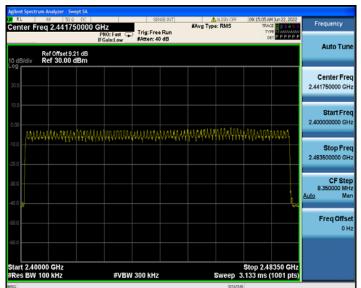
Number of hopping channels

RL Center Fr	eq 2.4417	50000 GH	iz	SE Trig: Free	SEINT	#Avg Typ	e: RMS	TRAC	1 Jun 22, 2022	Frequency
0 dB/div	Ref Offset 9: Ref 30.00	IF(21 dB	NO: Fast 🖵 Sain:Low	#Atten: 4				DE	PPPPP	Auto Tur
	Rel 30.001									Center Fre 2.441750000 Gi
10.0 0.00	Add Jan MAN	6008040A	indose tõi		********	ากและการณ์เ	15.8.8.8.9.8.1.n	inanskii.	Anna	Start Fr 2.40000000 G
10.0 20.0										Stop Fro 2.483500000 Gi
40.0										CF Ste 8.350000 Mi <u>Auto</u> M
50.0										Freq Offs 01
60 0 Start 2.400	00 GHz 00 kHz			300 kHz				Stop 2.48 .133 ms (350 GHz	

π/4-DQPSK

ente	er Freq	: 50 Ω 2.44175	0000 G	IZ NO: Fast		Run	#Avg Type	ALIGN OFF		M Jun 22, 2022 CE 1 2 3 4 5 6 PE M ANNO 1000	Frequency
0 dB/c		f Offset 9.2 f 30.00 d	IF 1 dB	NO: Fast Gain:Low	#Atten: 40				D	ET PPPPP	Auto Tur
20.0											Center Fre 2.441750000 Gi
10.0											Start Fr 2.40000000 G
10.0	andum	huradhadh	nVyrdeloga	hellow	41MM	ulliyos)	kyyyntryf	MMwn	aMMalify	n/hM	Stop Fr 2.483500000 G
10.0											CF St 8.350000 M Auto N
40.0 🤳 50.0 —										<u> </u>	Freq Offs
60.0											
	2.40000 BW 100			#VBW	300 kHz			Sweep :	Stop 2.44 3.133 ms (8350 GHz (1001 pts)	

8DPSK





5.8 Conducted emissions at the band edge

5.8.1 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)).

5.8.2 Test setup



5.8.3 Test procedure

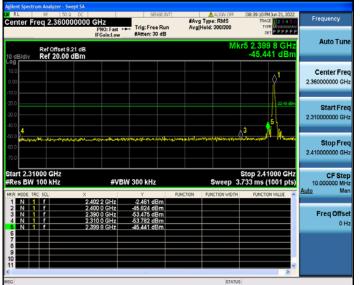
- a) Test method: ANSI C63.10-2013 Section 6.10.4
- b) The EUT was set to non-hopping mode & hopping mode during the test.
- c) The transmitter output of EUT is connected to the spectrum analyzer.
- d) Spectrum analyzer setting: RBW = 100 kHz, VBW = 300 kHz, Detector = Peak.

5.8.4 Test results

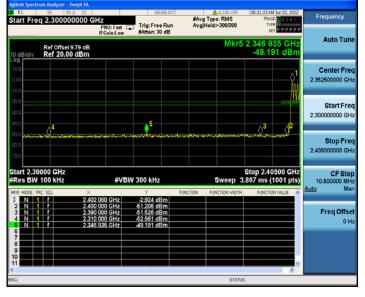


GFSK mode - conducted emissions at the band edge

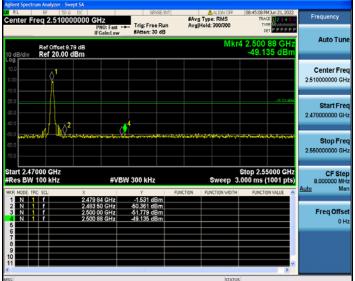
Low band-edge (no-hopping mode mode)



Low band-edge (hopping mode)



High band-edge (non-hopping mode)



High band-edge (hopping mode)

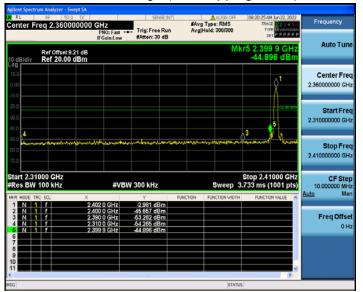
Agilent Spectrum Analyzer - Swept SA				
RL RF 50 0 DC Center Freq 2.510000000		#Avg Type: RMS	08:53:30 AM Jun 22, 2022 TRACE 2 3 4 5 6 Type Monadada	Frequency
Ref Offset 9.73 dB 10 dB/dly Ref 20.00 dBm	PNO: Fast Trig: Free Ru IFGain:Low #Atten: 30 dB		14 2.504 64 GHz -49.802 dBm	Auto Tune
				Center Freq 2.510000000 GHz
-20.0			-22 60 dbn	Start Freq 2.470000000 GHz
-50.0	ayan da yang kanang kanang da yang kanang	equintlife set of a low of the	***************************************	Stop Freq 2.55000000 GHz
Start 2.47000 GHz #Res BW 100 kHz MKR MODE TRC SCL X 1 X	#VBW 300 kHz	Sweep :	Stop 2.55000 GHz 3.000 ms (1001 pts)	CF Step 8.000000 MHz <u>Auto</u> Man
2 N 1 F 2.48 3 N 1 F 2.50	0 96 GHZ -2 596 dBm 350 GHz -51.152 dBm 000 GHz -52.424 dBm 464 GHz -49.802 dBm			Freq Offset 0 Hz
8 9 10 11			~	
MSG		STATU	15	



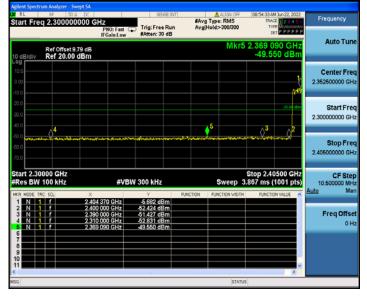
π /4-DQPSK mode - conducted emissions at the band edge

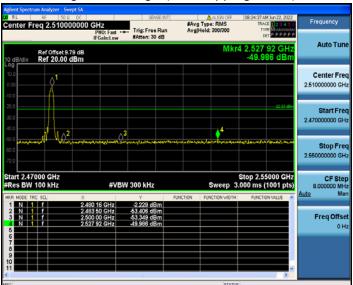
Low band-edge (non-hopping mode)

High band-edge (non-hopping mode)



Low band-edge (hopping mode)





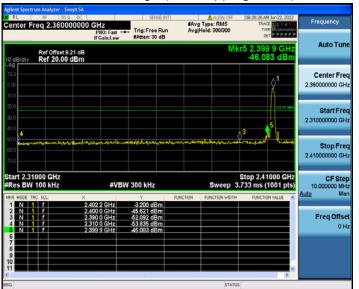
High band-edge (hopping mode)

ilent Spectrum Analyzer - Swept SA				
RL RF 50 0 DC art Freq 2.470000000 G	HZ PNO: Fast C Trig: Free Run	#Avg Type: RMS AvgIHold>300/300	09:08:20 AM Jun 22, 2022 TRACE 2 3 4 5 6 TVPE MUSEUM	Frequency
Ref Offset 9.73 dB dB/div Ref 20.00 dBm	IFGain:Low #Atten: 30 dB	Mkr	4 2.547 12 GHz -48.969 dBm	Auto Tun
29 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				Center Fre 2.510000000 GH
			22 35 40m	Start Fre 2.47000000 GH
		nandrationan, distribuy formati		Stop Fre 2.55000000 GH
tart 2.47000 GHz Res BW 100 kHz	#VBW 300 kHz	Sweep 3	Stop 2.55000 GHz .000 ms (1001 pts)	CF Ste 8.000000 MH Auto Ma
1 N 1 f 2.47 2 N 1 f 2.48 3 N 1 f 2.50	'3 20 GHz 2255 dBm 13 50 GHz 41 596 dBm 000 GHz 41 30 41 30 dBm 17 12 GHz 418,969 dBm	FUNCTION WIDTH	FORCIDE VALUE	Freq Offso 0 H
		STATUS	>	

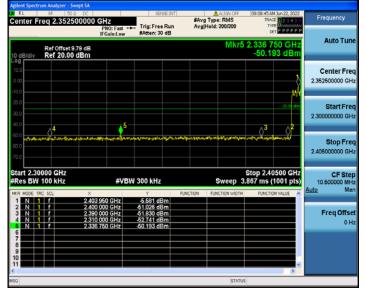


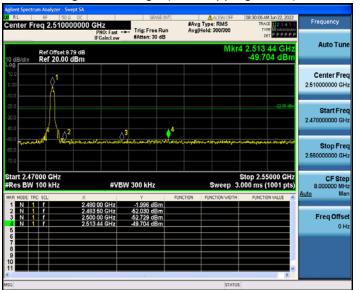
8DPSK mode - conducted emissions at the band edge

Low band-edge (non-hopping mode)



Low band-edge (hopping mode)





High band-edge (hopping mode)

	rum Analy	zer - Swept SJ								
enter Fi	⊮ req 2.	50 0 DC			ISE:INT	#Avg Typ	ALIGN OFF e: RMS I>300/300	TRAC	4 Jun 22, 2022 E 2 3 4 5 6 Multimute P P P P P P P	Frequency
0 dB/div		ffset 9.73 de 20.00 dBm	IFGain:Low	#Atten: 3	0 dB		Mkr	4 2.522		Auto Tuno
0.00 10.00 10.00 10.00	mm									Center Fre 2.510000000 GH
20.0 20.0 20.0		• ○ ²		3		4			.01.75.dbs	Start Fre 2.470000000 GH
50.0 50.0 70.0					natro correct	tert many learner		aan oo haan yadaa daga daga daga daga daga daga dag		Stop Fre 2.550000000 GH
tart 2.47 Res BW	100 ki		#VE	W 300 kHz			Sweep 3	Stop 2.55 .000 ms (1001 pts)	CF Stej 8.000000 MH Auto Ma
KR MODE TM 1 N 1 2 N 1 3 N 1 4 N 1 5 6 1 7 8 1			X 2.470 00 GHz 2.483 50 GHz 2.500 00 GHz 2.522 32 GHz	-1.750 df -50.015 df -49.292 df -48.803 df	3m 3m 3m	NCTION FU	NCTION WIDTH	FUNCTIO	N VALUE	Freq Offse 0 H
9				7			STATU	s	>	

High band-edge (non-hopping mode)



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).



-58.27 dE

♦¹

Stop 1.00 Sweep 36.00 ms (30)

Frequency

Auto Tun

Center Fred

Start Fre

30.000000 MH

Stop Fred 1.00000000 GH:

CF Step 97.00

Freq Offse

0 H;

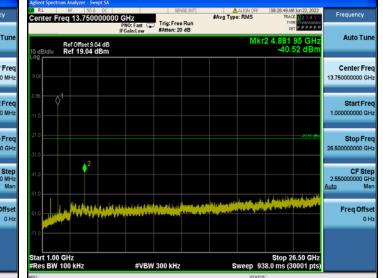
515.000000 MH

Conducted spurious emissions -8DPSK mode



CH39 #Avg Type: RMS Frequency Center Freq 2.441000000 GHz Wide Trig: Free Run Auto Tur Ref Offset 9.04 dB Ref 29.04 dBm 009 0 G -2.81 dE Center Free 2.441000000 GH: Start Fred 2.440250000 GH: Stop Free 2.441750000 GH CF Step 150.000 kH: Mar Freq Offse 0 H Span 1.500 MH Sweep 1.000 ms (1001 pts er 2.4410000 GHz BW 100 kHz #VBW 300 kHz

CH39



Aglent Spectrum Adapter D RL BF 1500 000 GHZ PR0: Frad Trig: Free Run #Avg Type: RMS Frequency Auto Tur 4.803 75 GH -41.05 dB Ref Offset 9.21 dB Ref 19.21 dBm Center Freq 13,750000000 GH Start Free 1.00000000 GH Stop Free 26.50000000 GH CF Step 2 55000 Gł Freq Offse OH Stop 26.50 GHz Sweep 938.0 ms (30001 pts #VBW 300 kH

CH39

ter Freq 515.000000 MHz PN0: Fast Trig: Free Run IFGain:Low #Atten: 20 dB #Avg Type: RMS Frequency Auto Tun 192.02 N -62.97 d Ref Offset 9.04 dB Ref 19.04 dBm Center Free 515.000000 MH Start Free 30.000000 M Stop Fre 1.00000000 GH CF Step 97.00 Freq Offse Stop 1.0000 GH; 30.0 MHz #VBW 300 kHz Sween 36

Address: 101, No. 7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China Tel: (86-755)88850135 Fax: (86-755) 88850136 Web: www.mtitest.com E-mail: mti@51mti.com

CH0

HZ PNO: Fast Trig: Free Run #Atten: 20 dB

#VBW 300 kHz

000 MHz

Ref Offset 9.21 dB Ref 19.21 dBm

ALIGN O #Avg Type: RMS



Conducted spurious emissions -8DPSK mode

CH78



CH78

enter Freq 13.75000000	PNO: Fast C #Atten: 20 dB	#Avg Type: RMS	ROLAN ALT 22, 2022 TRACE 2, 2, 3, 4, 5, 6 TYPE MONITORING CET P.P.P.P.P.P.	Frequency
Ref Offset 9.79 dB dB/div Ref 19.79 dBm			960 15 GHz -41.64 dBm	Auto Tun
79				Center Fre 13.750000000 GH
21				Start Fre 1.00000000 GH
0.2			02220	Stop Fre 26.50000000 GH
2				CF Ste 2.55000000 GH <u>luto</u> Ma
				Freq Offse 0 H
tart 1.00 GHz Res BW 100 kHz	#VBW 300 kHz	Si Sweep 938.0 r	op 26.50 GHz	

ALIGN O Frequency ter Freq 515.000000 MHz PNO: Fast Trig: Free Run IFGain:Low #Atten: 20 dB Auto Tun Ref Offset 9.79 dB Ref 19.79 dBm -61.56 dE Center Freq 515.000000 MH Start Free 30.000000 MH Stop Freq 1.00000000 GHz CF Step 97.000000 Mil Ma Freq Offse ٥ 0 H; Stop 1.0000 GHz Sweep 36.00 ms (30001 pts) #VBW 300 kHz

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

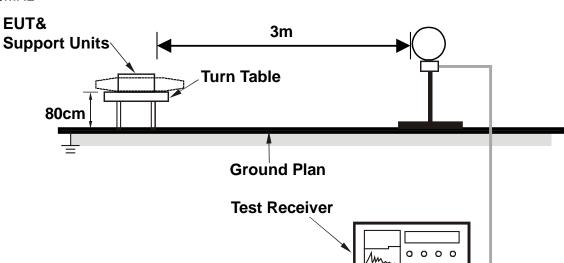
Highest frequency generated or used in the device or on which the device operates or tunes	Upper frequency range of measurement
Below 1.705 MHz	30 MHz
1.705 MHz to 108 MHz	1000 MHz
108 MHz to 500 MHz	2000 MHz
500 MHz to 1000 MHz	5000 MHz
	5th harmonic of the highest frequency or 40 GHz, whichever is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



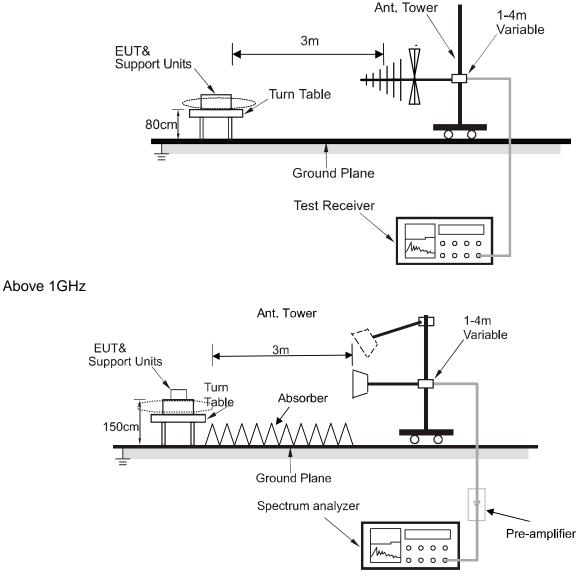
0 0 0

C

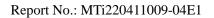
5.10.2 Test setup Below 30MHz



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.

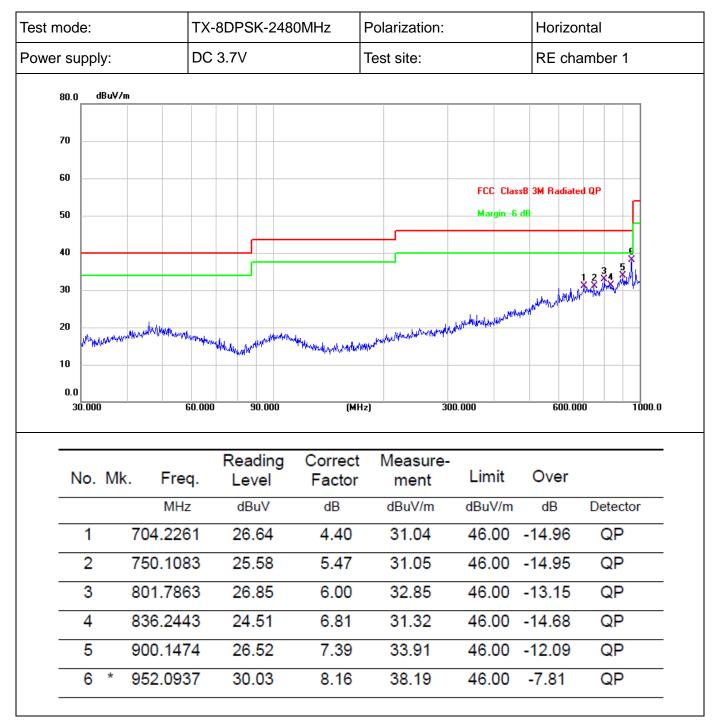
There were no emissions found below 30MHz within 20dB of the limit.

Calculation formula:

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

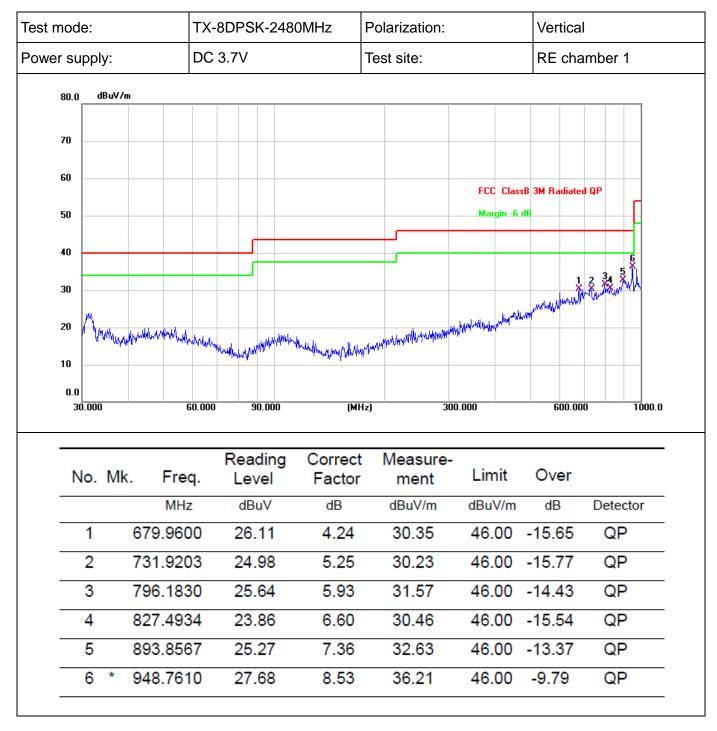


Radiated emissions between 30MHz – 1GHz





Radiated emissions between 30MHz – 1GHz





Radiated emissions 1 GHz ~ 25 GHz

Frequency	Reading Level	Correct Factor	Measuremen t	Limits	Over	Detector	Polarization	
(MHz)	(dBµV)	(dB/m)	(dBµV/m)	(dBµV/m)	(dB)	Peak/AVG	H/V	
8DPSK- 2402 MHz TX mode								
4804.000	44.89	1.52	46.41	74.00	-27.59	Peak	V	
4804.000	38.69	1.52	40.21	54.00	-13.79	AVG	V	
7206.000	40.93	5.46	46.39	74.00	-27.61	Peak	V	
7206.000	34.89	5.46	40.35	54.00	-13.65	AVG	V	
9608.000	41.81	6.33	48.14	74.00	-25.86	Peak	V	
9608.000	35.77	6.33	42.10	54.00	-11.90	AVG	V	
4804.000	50.68	1.52	52.20	74.00	-21.80	Peak	Н	
4804.000	44.60	1.52	46.12	54.00	-7.88	AVG	Н	
7206.000	43.67	5.46	49.13	74.00	-24.87	Peak	Н	
7206.000	37.64	5.46	43.10	54.00	-10.90	AVG	Н	
9608.000	41.79	6.33	48.12	74.00	-25.88	Peak	Н	
9608.000	35.72	6.33	42.05	54.00	-11.95	AVG	Н	
		8	DPSK - 2441	MHz TX moo	le	·		
4882.000	46.63	1.68	48.31	74.00	-25.69	Peak	V	
4882.000	41.48	1.68	43.16	54.00	-10.84	AVG	V	
7323.000	40.54	5.45	45.99	74.00	-28.01	Peak	V	
7323.000	34.09	5.45	39.54	54.00	-14.46	AVG	V	
9764.000	43.15	6.37	49.52	74.00	-24.48	Peak	V	
9764.000	36.86	6.37	43.23	54.00	-10.77	AVG	V	
4882.000	52.40	1.68	54.08	74.00	-19.92	Peak	Н	
4882.000	46.78	1.68	48.46	54.00	-5.54	AVG	Н	
7323.000	41.54	5.45	46.99	74.00	-27.01	Peak	Н	
7323.000	34.81	5.45	40.26	54.00	-13.74	AVG	Н	
9764.000	43.62	6.37	49.99	74.00	-24.01	Peak	Н	
9764.000	37.19	6.37	43.56	54.00	-10.44	AVG	Н	



Frequency	Reading Level	Correct Factor	Measuremen t	Limits	Over	Detector	Polarization	
(MHz)	(dBµV)	(dB/m)	(dBµV/m)	(dBµV/m)	(dB)	Peak/AVG	H/V	
8DPSK - 2480 MHz TX mode								
4960.000	44.19	1.83	46.02	74.00	-27.98	Peak	V	
4960.000	38.27	1.83	40.10	54.00	-13.90	AVG	V	
7440.000	40.11	5.43	45.54	74.00	-28.46	Peak	V	
7440.000	33.89	5.43	39.32	54.00	-14.68	AVG	V	
9920.000	43.07	6.41	49.48	74.00	-24.52	Peak	V	
9920.000	36.80	6.41	43.21	54.00	-10.79	AVG	V	
4960.000	44.71	1.83	46.54	74.00	-27.46	Peak	Н	
4960.000	38.43	1.83	40.26	54.00	-13.74	AVG	Н	
7440.000	40.60	5.43	46.03	74.00	-27.97	Peak	Н	
7440.000	34.58	5.43	40.01	54.00	-13.99	AVG	Н	
9920.000	43.85	6.41	50.26	74.00	-23.74	Peak	Н	
9920.000	37.74	6.41	44.15	54.00	-9.85	AVG	Н	



Radiated emissions at band edge

Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector	Polarization		
(MHz)	(dBµV)	(dB/m)	(dBµV/m)	(dBµV/m)	(dB)	Peak/AVG	H/V		
8DPSK – Low band-edge									
(MHz)	(dBµV)	(dB/m)	(dBµV/m)	(dBµV/m)	(dB)	Peak/AVG	H/V		
2310.000	46.77	-6.60	40.17	74.00	-33.83	Peak	V		
2310.000	37.93	-6.60	31.33	54.00	-22.67	AVG	V		
2390.000	47.57	-6.23	41.34	74.00	-32.66	Peak	V		
2390.000	37.95	-6.23	31.72	54.00	-22.28	AVG	V		
2310.000	47.31	-6.60	40.71	74.00	-33.29	Peak	Н		
2310.000	37.37	-6.60	30.77	54.00	-23.23	AVG	Н		
2390.000	48.28	-6.23	42.05	74.00	-31.95	Peak	Н		
2390.000	37.64	-6.23	31.41	54.00	-22.59	AVG	Н		
	8DPSK – High band-edge								
2483.500	55.76	-5.79	49.97	74.00	-24.03	Peak	V		
2483.500	38.20	-5.79	32.41	54.00	-21.59	AVG	V		
2500.000	48.20	-5.72	42.48	74.00	-31.52	Peak	V		
2500.000	37.92	-5.72	32.20	54.00	-21.80	AVG	V		
2483.500	57.94	-5.79	52.15	74.00	-21.85	Peak	Н		
2483.500	38.81	-5.79	33.02	54.00	-20.98	AVG	Н		
2500.000	48.91	-5.72	43.19	74.00	-30.81	Peak	Н		
2500.000	37.88	-5.72	32.16	54.00	-21.84	AVG	Н		



Photographs of the Test Setup

See the appendix – Test Setup Photos.



Photographs of the EUT

See the appendix - EUT Photos.

----End of Report----