



FCC PART 15 SUBPART C FCC PART §15.247 TEST REPORT

FCC ID:2BYGT-WP-006

Report No: CTSL2610730335E01

Product Name: Car Radio GPS

Main Test Model: WP-006

Series Models: -

Applicant: Shenzhen Wenzhi Tech Co., Ltd

EXECUTIVE SUMMARY

A sample of this product was tested and found to be in compliance with
FCC PART 15C, FCC PART 15 SUBPART C (15.247).

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applicable to presented Test sample.

CTSL Testing (Dongguan) Co., Ltd.

Main company address: Building 1, Houjie Road, Houjie Town, Guangdong
Province Dongguan City, China

Test Report

FCC ID:2BYGT-WP-006

Applicant Name	Shenzhen Wenzhi Tech Co., Ltd				
Applicant Address	CN 1052, East 10th floor, 4rd Building, SEG Technology Park, Huaqiangbei Street, Futian District, Shenzhen City, Guangdong Province, China				
Manufacturer Name	Shenzhen Wenzhi Tech Co., Ltd				
Manufacturer Address	CN 1052, East 10th floor, 4rd Building, SEG Technology Park, Huaqiangbei Street, Futian District, Shenzhen City, Guangdong Province, China				
Trade Mark	WPSKIS				
Product name	Car Radio GPS				
Main Test Model	WP-006				
Series Models	-				
Standard	FCC Part 15 Subpart C (15.247) ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 FCC KDB 558074 D01 15.247 Meas Guidance v05r02				
Test Location	ISO/IEC 17025 by ILAC-MRA is A2LA 7556.01 CTSL Testing (Dongguan) Co., Ltd. 1/F, Building 1, No. 15, Jiaoyuansongshan Hetian Village, Houjie Town Dongguan City, Guangdong, People' s Republic of China				
Receipt Date	2026.07.31	Test period	2026.07.31-2026.08.15	Issue Date	2026.08.18
Conclusion	The equipment under test was found to be compliance with the requirements of the standards applied.				
Performs Testing:	Ethan Zhao				
Test Report Reviewer:	Steve Qin				
Test Report Authorizer:	Alan Li				

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1. GENERAL INFORMATION

1.1. General Description of EUT (Equipment Under Test)

Product Information	
Product Name	: Car Radio GPS
Main Test Model	: WP-006
Series Models	: -
Power supply	: 12V DC (Supplied by storage battery)
Battery	: -
Software Version	: V1.0
Hardware Version	: V1.0
Equipment Under Test	
Testing sample ID	: CTSL2610730335-S1 (Engineer sample) CTSL2610730335-S2 (Normal sample)
Test supplied	: ☐ supplied by the manufacturer ☒ supplied by the lab (Auxiliary test supplied by test Lab)
Power Supply information	: DC 12V storage battery
Wireless Specification	
Supported Type	: Bluetooth V5.0 (BR/EDR)
Modulation Type	: BT BDR(1Mbps): GFSK BT EDR(2Mbps): $\pi/4$ -DQPSK BT EDR(3Mbps): 8-DPSK
Operation frequency	: 2402MHz-2480MHz
Number of channels	: 79
Channel separation	: 1MHz
Max Output Power (PEAK)	: 2.47dBm (2 ± 1.0 dBm)
Antenna Gain& type	: Refer to Section 1.2 of the report.
Sample Type	: Prototype production
Type of Device	: ☐ Portable Device; ☒ Mobile Device; ☐ Modular Device

Note: For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

1.2. Antenna Information

Ant No.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	/	2.4G Antenna - Straight Line	whip antenna	SMA-JW	2

Note:

1. The antenna gain is declared by the customer and the laboratory is not responsible for the accuracy of the antenna gain.

2. The test results of this report only apply to the sample as received.

1.3. Information of RF Cable

Cable Loss(dB)	Provided by
1.0	Shenzhen Wenzhi Tech Co., Ltd

Note:

1. The customer declared the loss value of the RF Cable. and the test results of this report only apply to the sample as received.

2. The laboratory is not responsible for the accuracy of the cable loss.

2.SUMMARY OF TEST

2.1.Test Standards

FCC Rules Part 15.247: Frequency Hopping, Direct Spread Spectrum and Hybrid Systems that are in operation within the bands of 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz.

ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024: American National Standard for Testing Unlicensed Wireless Devices

FCC KDB 558074 D01 15.247 Meas Guidance v05r02

2.2.Summary of test result

No.	Description of Test Item	FCC Standard Section	Results
1	Maximum Peak Output Power	§15.247(a)(1)	PASS
2	20dB Bandwidth	§15.247(a)(1)	PASS
3	Carrier Frequency Separation	§15.247(a)(1)	PASS
4	Number Of Hopping Channels	§15.247(a)(1)(iii)	PASS
5	Time of Occupancy (Time of Occupancy (Dwell Time))	§15.247(a)(1)(iii)	PASS
6	Conducted Band Edge	§15.247(d)	PASS
7	Conducted Spurious Emissions	§15.247(d)	PASS
8	Radiated Spurious Emissions and Band Edge	§15.205 §15.209(a) §15.247(d)	PASS
9	AC Power Line Conducted Emissions	§15.207	N/A (Note 1)
10	Antenna Requirement	§15.203	PASS

Note: "N/A" denotes test is not applicable in this test report.

Note 1: The EUT is designed for vehicular use and is powered exclusively by a 12V DC storage battery. It has no AC mains input port and cannot be directly or indirectly connected to the public AC power supply network. Therefore, the AC power line conducted emissions test per FCC 15.207 is not applicable.

2.3. Test Facilities

EMC Lab :

A2LA Certificate Number: 7556.01;
CTSL Testing (Dongguan) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.
The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.10 and CISPR 16-1-4:2010.

FCC Designation Number: CN1425;
Test Firm Registration Number: 750639;
CTSL Testing (Dongguan) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

Industry Canada Registration Number. Is: 34801;
CAB identifier: CN0192;
CTSL Testing (Dongguan) Co., Ltd. The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing.

Name of Firm : CTSL Testing (Dongguan) Co., Ltd.

Main company address: Building 1, Houjie Road, Houjie Town, Guangdong Province Dongguan City, China

EMC test location/satellite location:

1/F, Building 1, No. 15, Jiaoyuansongshan Hetian Village, Houjie Town Dongguan City, Guangdong, People's Republic of China City, Guangdong, China

2.4. Measurement uncertainty

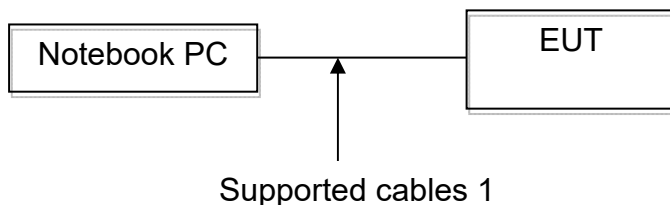
Item	Uncertainty
Uncertainty for Conduction emission test	3.72dB (9kHz-150kHz) 3.24dB (150kHz-30MHz)
Uncertainty for spurious emissions test	3.18dB (Below 30MHz) 4.90dB (30-1000MHz) 5.61dB (Above 1GHz)
Uncertainty for radio frequency	1.0 ppm
Uncertainty for conducted RF Power	0.7dB
Uncertainty for Power density test	0.6dB
Uncertainty of bandwidth test	0.34 dB
Uncertainty for Temperature	0.5°C
Uncertainty for Relative Humidity	1.8%RH
Uncertainty for Atmospheric Pressure	0.16 kPa

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

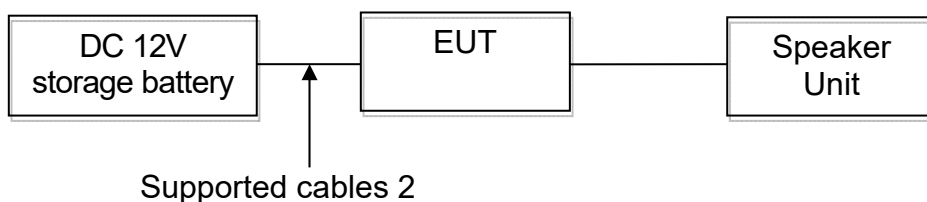
2.5. Block Diagram

For radiated emissions test: EUT was placed on a turn table, which is 0.8 (or 1.5) meter high above ground. EUT was beset into Bluetooth test mode by software before test.

Connect EUT Antenna Terminal, Radiated Spurious Emissions& Band Edge Test



Radiated Emission Test (30-1000MHz):



(EUT: Car Radio GPS)

2.6. Assistant equipment used for test

Item	Equipment	Brand	Model Name/Type No.	FCC ID	Series No.
1	Notebook PC	Dell	Inspiron 14R-5421 (Manufacturer: Dell)	-	25TZHW1
2	DC 12V storage battery (supplied by the Lab.)	-	-	-	-
3	Speaker Unit*3 (supplied by the Lab.)	-	-	-	-

Supported cables				
Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	0.5m	USB Extension Cable (supplied by the Lab.)
2	NO	NO	0.8m	DC Cable (supplied by the Lab.)

2.7. Test mode

Combining all the rates, modulations, and packet types, the Pre-scans had been carried out. The worst-case test mode was selected for the final test as listed below.

Test Item	Modulation Type	Operating Mode	Packet Type	Test Channel
Maximum Peak Output Power	GFSK; $\pi/4$ -DQPSK; 8-DPSK;	Non-Hopping	DH5; 2-DH5; 3-DH5	Low/Middle/High
20dB Bandwidth	GFSK; $\pi/4$ -DQPSK; 8-DPSK;	Non-Hopping	DH5; 2-DH5; 3-DH5	Low/Middle/High
Carrier Frequency Separation	GFSK; $\pi/4$ -DQPSK; 8-DPSK;	Hopping On	DH5; 2-DH5; 3-DH5	CH 38/CH 39
Number Of Hopping Channel	GFSK; $\pi/4$ -DQPSK; 8-DPSK;	Hopping On	DH5; 2-DH5; 3-DH5	All Channel Hopping
Time of Occupancy (Dwell Time)	GFSK; $\pi/4$ -DQPSK; 8-DPSK;	Hopping On	DH1/DH3/ DH5	Middle (All Channel Hopping)
Conducted Band Edge	GFSK; $\pi/4$ -DQPSK; 8-DPSK;	Non-Hopping & Hopping On	DH5; 2-DH5; 3-DH5	Low / High & All Channel Hopping
Conducted Spurious Emissions	GFSK; $\pi/4$ -DQPSK; 8-DPSK;	Non-Hopping	DH5; 2-DH5; 3-DH5	Low/Middle/High
Radiated Spurious Emissions (Below 1GHz)	only worse case: 8-DPSK mode with CH78 2480MHz is reported.			
Radiated Spurious Emissions (Above 1GHz)	GFSK; $\pi/4$ -DQPSK; 8-DPSK;	Non-Hopping	DH5; 2-DH5; 3-DH5	Low/Middle/High
Radiated Band Edge	GFSK; $\pi/4$ -DQPSK; 8-DPSK;	Non-Hopping	DH5; 2-DH5; 3-DH5	Low/High
AC Power Line Conducted Emissions	N/A			

Note: In radiated measurement, the EUT had been pre-scan on the positioned of each 3 axis (X, Y, Z), the worst case was found when positioned on **X-plane**.

2.8.Channel List

Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
00	2402	01	2403	02	2404	03	2405
04	2406	05	2407	06	2408	07	2409
08	2410	09	2411	10	2412	11	2413
12	2414	13	2415	14	2416	15	2417
16	2418	17	2419	18	2420	19	2421
20	2422	21	2423	22	2424	23	2425
24	2426	25	2427	26	2428	27	2429
28	2430	29	2431	30	2432	31	2433
32	2434	33	2435	34	2436	35	2437
36	2438	37	2439	38	2440	39	2441
40	2442	41	2443	42	2444	43	2445
44	2446	45	2447	46	2448	47	2449
48	2450	49	2451	50	2452	51	2453
52	2454	53	2455	54	2456	55	2457
56	2458	57	2459	58	2460	59	2461
60	2462	61	2463	62	2464	63	2465
64	2466	65	2467	66	2468	67	2469
68	2470	69	2471	70	2472	71	2473
72	2474	73	2475	74	2476	75	2477
76	2478	77	2479	78	2480	-	-

2.9.Power Setting of Test Software

Software Name	Use su to enter the NPI mode, then use "echo -n "AT+PLDBTEN" > /dev/ATC"& "echo -n "AT+BTRESET" > /dev/ATC" to enter the BT non-signaling (NPI) test mode.		
Frequency (MHz)	2402	2441	2480
GFSK(1Mbps) Setting	Default	Default	Default
$\pi/4$ -DQPSK (2Mbps) Setting	Default	Default	Default
8-DPSK(3Mbps) Setting	Default	Default	Default

Note: This information is provided by the applicant.

2.10. Test Equipment

For Conducted Emission Test						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESCI 3	AT005	GUANGZHOU NEM	May 28,26	May 27,27
LISN	Rohde & Schwarz	ENV216	AT006	GUANGZHOU NEM	May 28,26	May 27,27
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	AT007	GUANGZHOU NEM	May 28,26	May 27,27
CE Cable	Times Microwave	LMR195UF-N MNM-1.50M	AT041	GUANGZHOU NEM	May 28,26	May 27,27
Test Software	FARAD	EZ-EMC Ver.3A1.1+	N/A	N/A	N/A	N/A

For Radiated Emission Test (9kHz-30MHz)						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI TestReceiver	Rohde& Schwarz	ESCI 7	AT001	GUANGZHOU NEM	May 28,26	May 27,27
Active Loop Antenna	HCT	6505	AT064	GRG METROLOGY	Mar 22,26	Mar 21,27
Test Software	FARAD	EZ-EMC Ver.3A1.1+	N/A	N/A	N/A	N/A
9kHz-30MHz Cable	Times Microwave	LMR195UF-N MNM-9M	AT045	GUANGZHOU NEM	May 28,26	May 27,27

For Radiated Emissions Test (30MHz-1000MHz)						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI Test Receiver	Rohde& Schwarz	ESCI 7	AT001	GUANGZHOU NEM	May 28,26	May 27,27
Trilog-Broadband Antenna (Includes 6db attenuator)	SCHWARZBECK	VULB 9168	AT002	LISAI	May 30,26	May 29,27
Test Software	FARAD	EZ-EMC Ver.3A1.1+	N/A	N/A	N/A	N/A
30-1000MHz Cable	Times Microwave Systems	LMR195UF-N MRNMR-3.00 M+ LMR400UF-N MNM-3.00M+ LMR400UF-N MNM-3.00M	AT042+AT043+AT044	GUANGZHOU NEM	May 28,26	May 27,27

For Radiated Emission Test (Above 1000MHz)						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
Horn Antenna 1-18G	SCHWARZBEC K	BBHA 9120 D	AT003	LISAI	May 30,26	May 29,27
Horn Antenna 18-40GHz	XIBAO	XB-WDB18-40K	AT064	LISAI	May 30,26	May 29,27
Broadband Preamplifier	SCHWARZBEC K	BBV 9718 D	AT004	GUANGZHOU NEM	May 28,26	May 27,27
Low Noise Amplifier	MWRFTest	DLA8-18-40G-2078	AT065	GUANGZHOU NEM	May 28,26	May 27,27
Spectrum Analyzer 40G	Keysight	N9020B	AT066	GUANGZHOU NEM	May 28,26	May 27,27
Spectrum Analyzer 26.5G	Keysight	N9020A	AT050	GUANGZHOU NEM	May 28,26	May 27,27
Radio switching unit	TiGroup	SU319	AT055	N/A	N/A	N/A
Filtering unit	TiGroup	SU319F	AT056	N/A	N/A	N/A
Test Software	BL	BL410-E V25.5 en	N/A	N/A	N/A	N/A
Above 1GHz Cable	Times Microwave Systems	SFT205-NMN M-7.0M+ SFT205-NMN M-2.0M	AT057+ AT058	GUANGZHOU NEM	May 28,26	May 27,27

For Connect EUT Antenna Terminal Test (RF Test system)						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
Spectrum analyzer	Keysight	N9020A	AT050	GUANGZHOU NEM	May 28,26	May 27,27
Analog signal source	Keysight	N5173B	AT051	GUANGZHOU NEM	May 28,26	May 27,27
WIDEBAND RADIO COMMUNICATION TESTER	Rohde&Schwarz	CMW500	AT052	GUANGZHOU NEM	May 28,26	May 27,27
Power probe unit	Ti Group	SU319P	AT053	GUANGZHOU NEM	May 28,26	May 27,27
Switch unit	Ti Group	SU319S	AT054	N/A	N/A	N/A
Test Software	BL	BL410R 3.5.2.621	N/A	N/A	N/A	N/A

3. MAXIMUM PEAK OUTPUT POWER

3.1. Limit

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

3.2. Test Setup



3.3. Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	3MHz
VBW	8MHz
Span	6MHz
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

3.4. Test Procedure

- Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- Spectrum analyzer setting parameters in accordance with section 3.3.
- Set the EUT transmit continuously with maximum output power over fixed single hopping channel.
- Allow trace to stabilize, use the marker-to-peak function to set the marker to the peak of the emission.
- Repeat above procedures until all channels and test modes were measured.
- Record the results in the test report.

3.5. Test Conditions

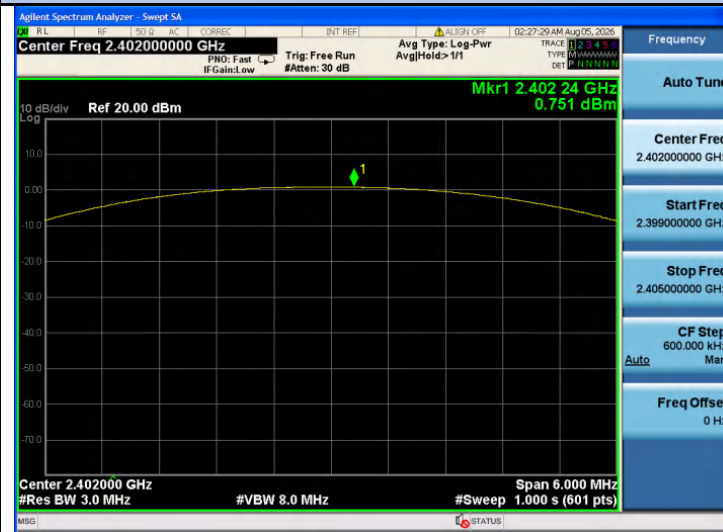
EUT:	Car Radio GPS	M/N:	WP-006
Test Voltage:	12V DC (Supplied by storage battery)		
Temperature:	24.4°C	Humidity:	50 % RH
Atmosphere Pressure:	100.6kPa		

3.6. Test Result

Test Mode	Antenna	Channel & Frequency	Conducted Peak Power	Conducted Limit	Result
		MHz	dBm	dBm	
GFSK DH5 (Non-Hopping)	Ant1	CH00 2402	0.75	≤20.97	PASS
		CH39 2441	1.34	≤20.97	PASS
		CH78 2480	1.47	≤20.97	PASS
π/4-DQPSK 2-DH5 (Non-Hopping)	Ant1	CH00 2402	1.38	≤20.97	PASS
		CH39 2441	2.01	≤20.97	PASS
		CH78 2480	2.15	≤20.97	PASS
8-DPSK 3-DH5 (Non-Hopping)	Ant1	CH00 2402	1.63	≤20.97	PASS
		CH39 2441	2.39	≤20.97	PASS
		CH78 2480	2.47	≤20.97	PASS

3.7.Original Test Record

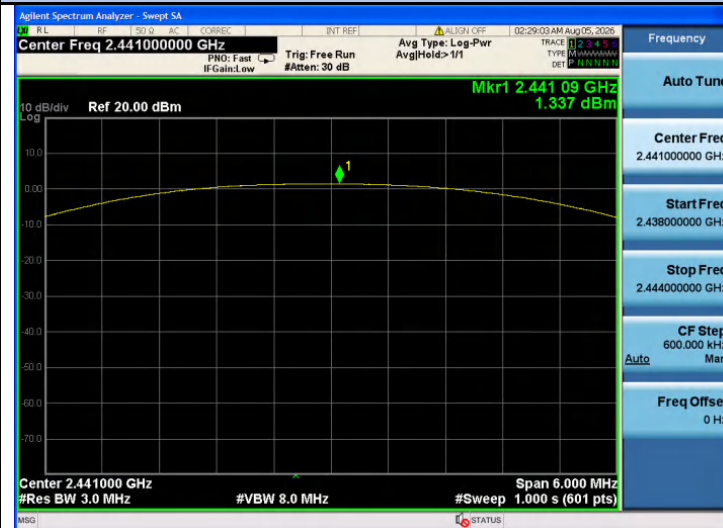
GFSK_DH5_Ant1_CH00 2402MHz



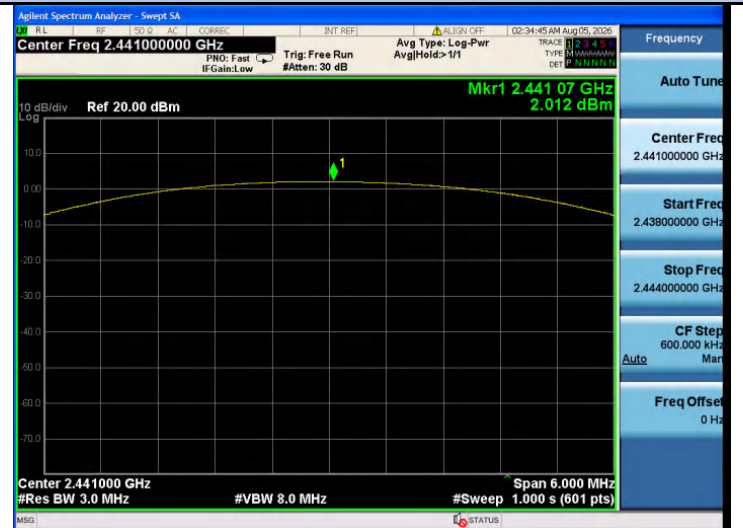
$\pi/4$ -DQPSK_2-DH5_Ant1_CH00 2402MHz



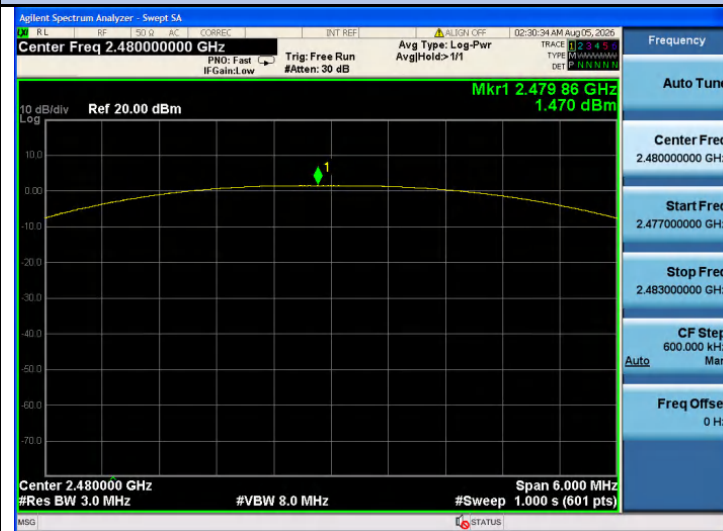
GFSK_DH5_Ant1_CH39 2441MHz



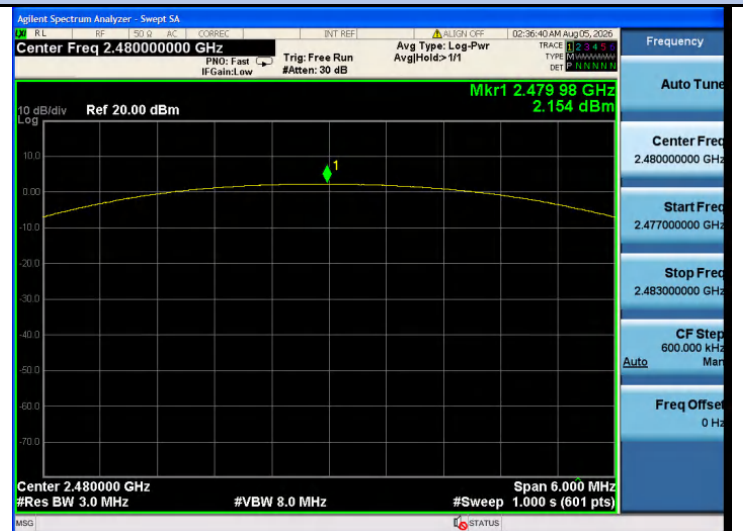
$\pi/4$ -DQPSK_2-DH5_Ant1_CH39 2441MHz

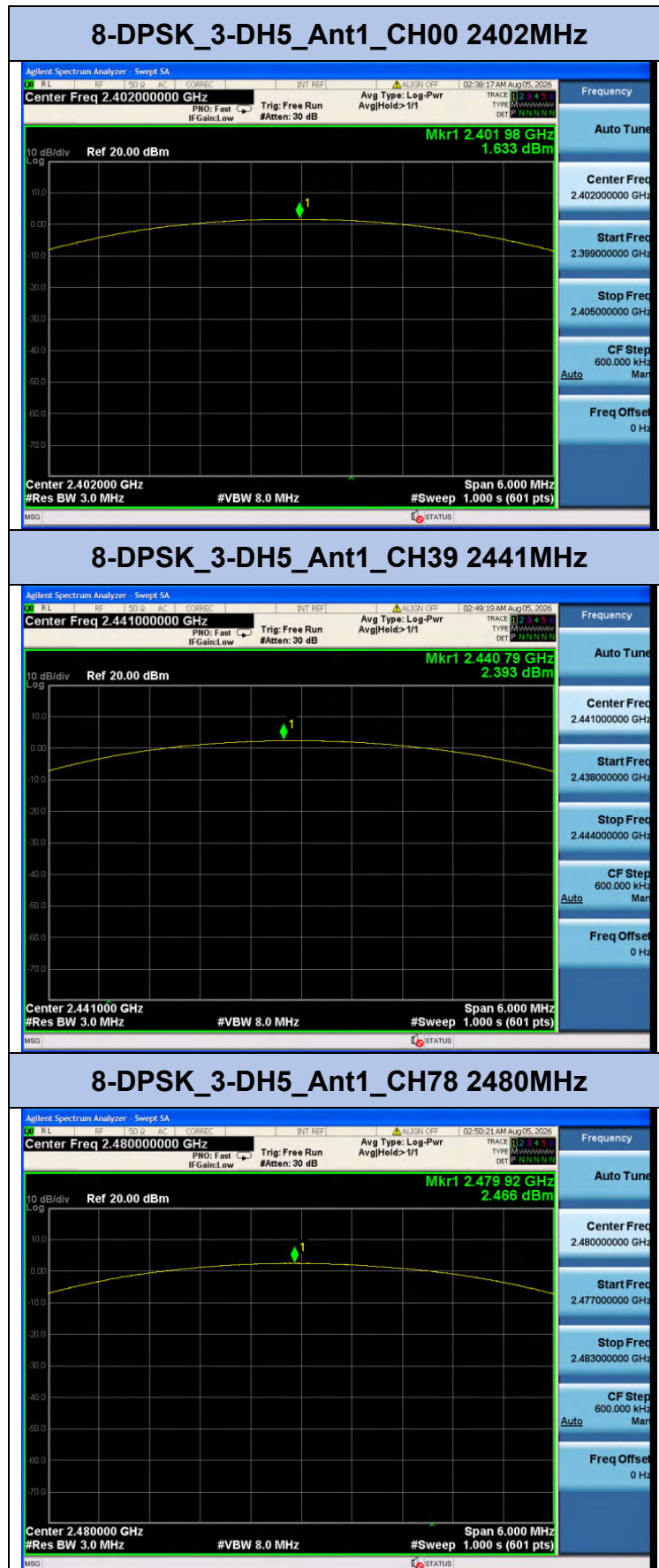


GFSK_DH5_Ant1_CH78 2480MHz



$\pi/4$ -DQPSK_2-DH5_Ant1_CH78 2480MHz





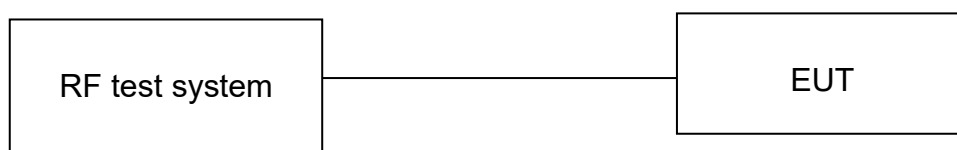
4. 20DB BANDWIDTH

4.1.Limit

For frequency hopping systems operating in the 2400MHz-2483.5MHz no limit for 20dB bandwidth.

The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

4.2.Test Setup



4.3.Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	30KHz
VBW	100KHz
Span	3MHz
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

4.4.Test Procedure

- Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- Spectrum analyzer setting parameters in accordance with section 4.3.
- Set the EUT transmit continuously with maximum output power over fixed single hopping channel.
- Allow trace to stabilize, use the ndB down function to measure 20dB Bandwidth.
- Repeat above procedures until all channels and test modes were measured.
- Record the results in the test report.

4.5. Test Conditions

EUT:	Car Radio GPS	M/N:	WP-006
Test Voltage:	12V DC (Supplied by storage battery)		
Temperature:	24.4°C	Humidity:	50 % RH
Atmosphere Pressure:	100.6kPa		

4.6. Test Result

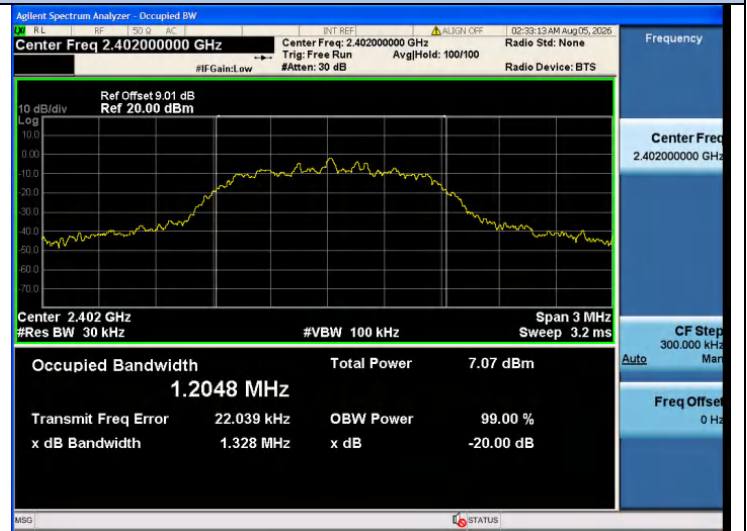
Test Mode	Antenna	Channel& Frequency	20dB Bandwidth	Result
		MHz	MHz	
GFSK DH5 (Non-Hopping)	Ant1	CH00 2402	1.047	PASS
		CH39 2441	1.062	PASS
		CH78 2480	1.040	PASS
$\pi/4$ -DQPSK 2-DH5 (Non-Hopping)	Ant1	CH00 2402	1.328	PASS
		CH39 2441	1.331	PASS
		CH78 2480	1.337	PASS
8-DPSK 3-DH5 (Non-Hopping)	Ant1	CH00 2402	1.310	PASS
		CH39 2441	1.297	PASS
		CH78 2480	1.303	PASS

4.7.Original Test Record

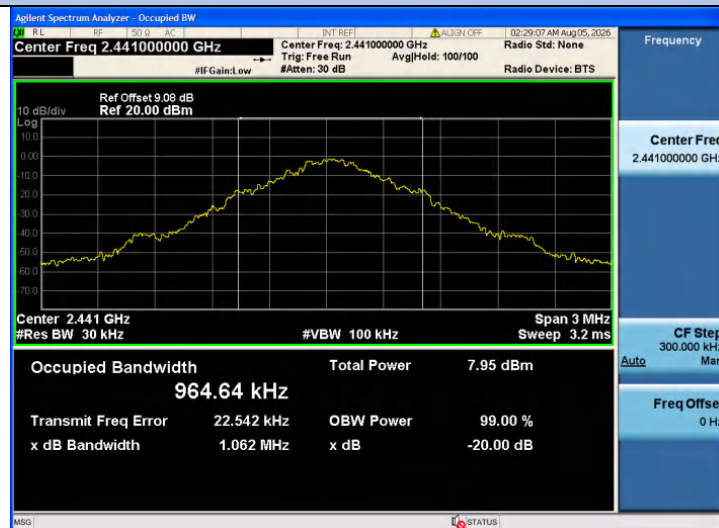
DH5_Ant1_CH00 2402MHz (Non-Hopping)



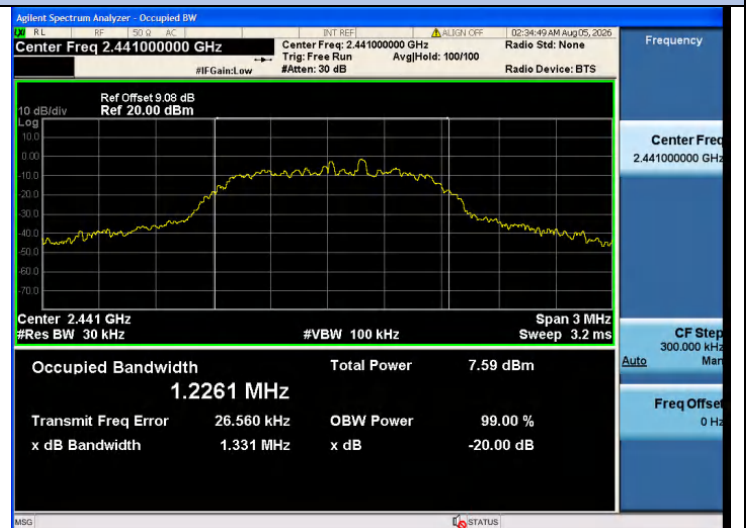
2-DH5 Ant1_CH00 2402MHz (Non-Hopping)



DH5_Ant1_CH39 2441MHz (Non-Hopping)



2-DH5 Ant1_CH39 2441MHz (Non-Hopping)

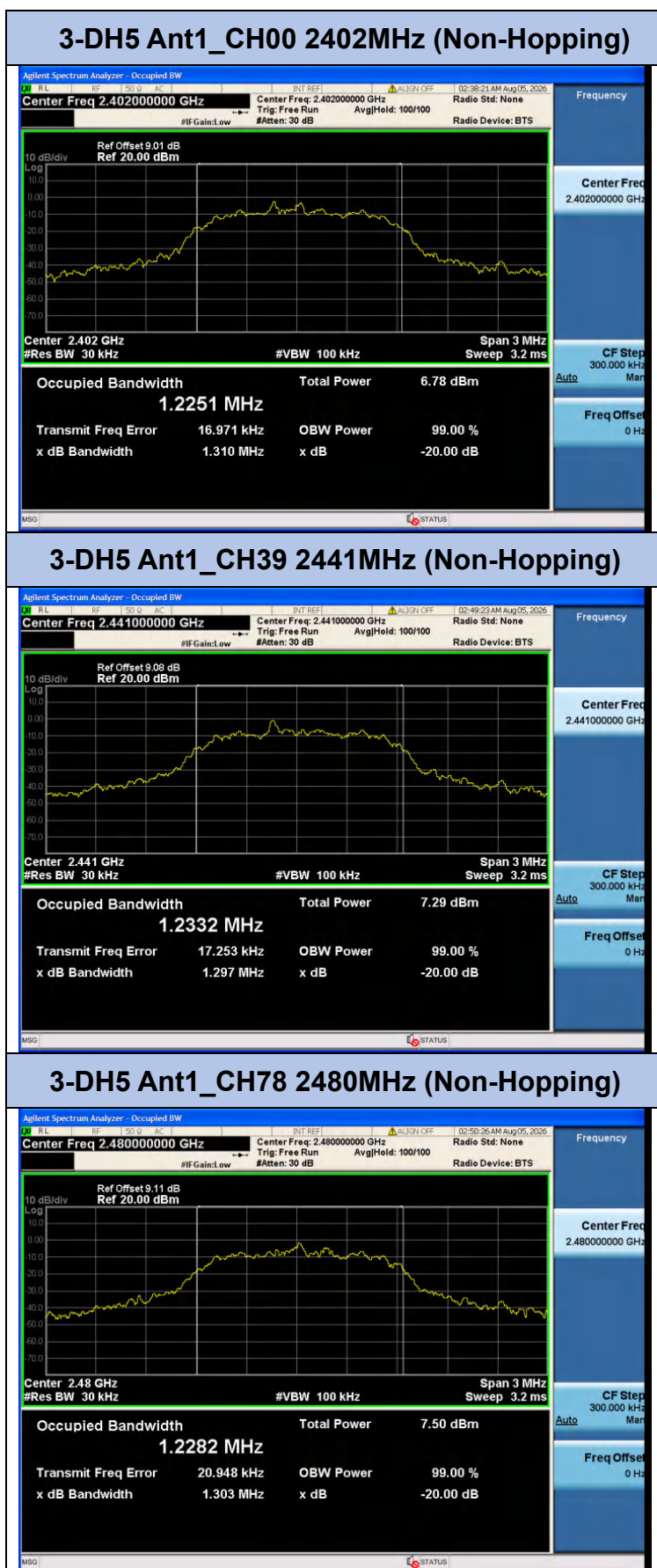


DH5_Ant1_CH78 2480MHz (Non-Hopping)



2-DH5 Ant1_CH78 2480MHz (Non-Hopping)





5. CARRIER FREQUENCY SEPARATION

5.1. Limit

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

5.2. Test Setup



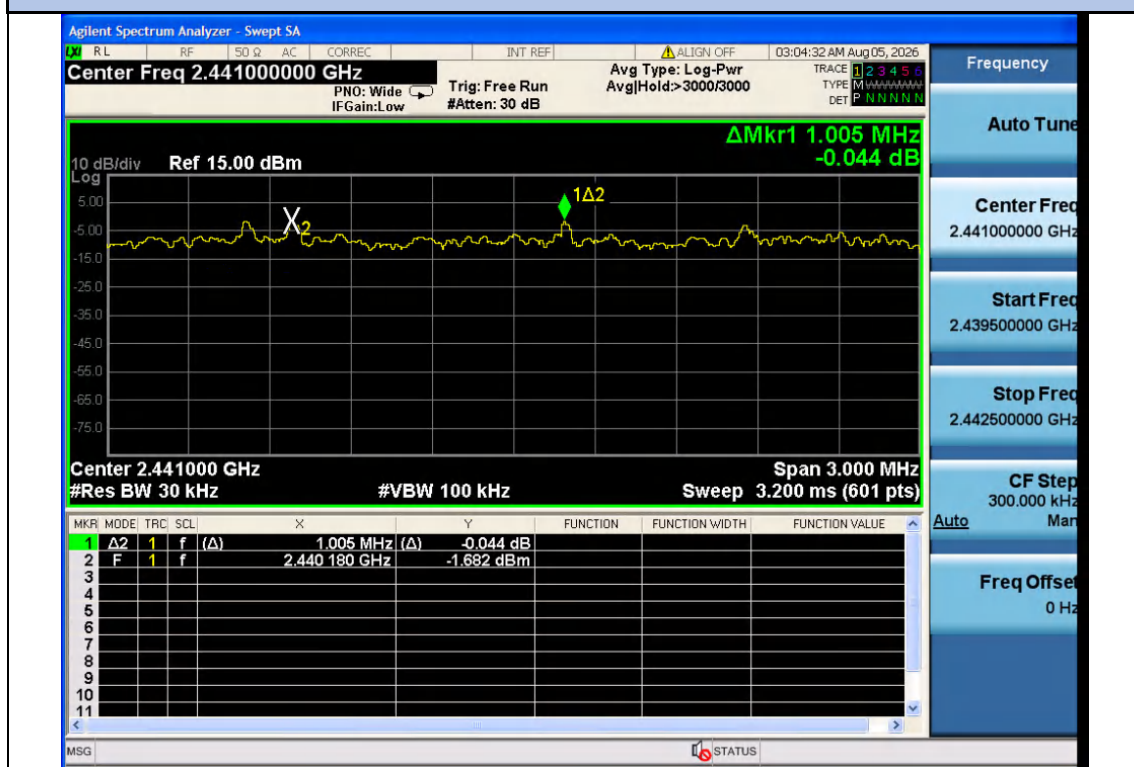
5.3. Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	30KHz
VBW	100KHz
Span	3MHz
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

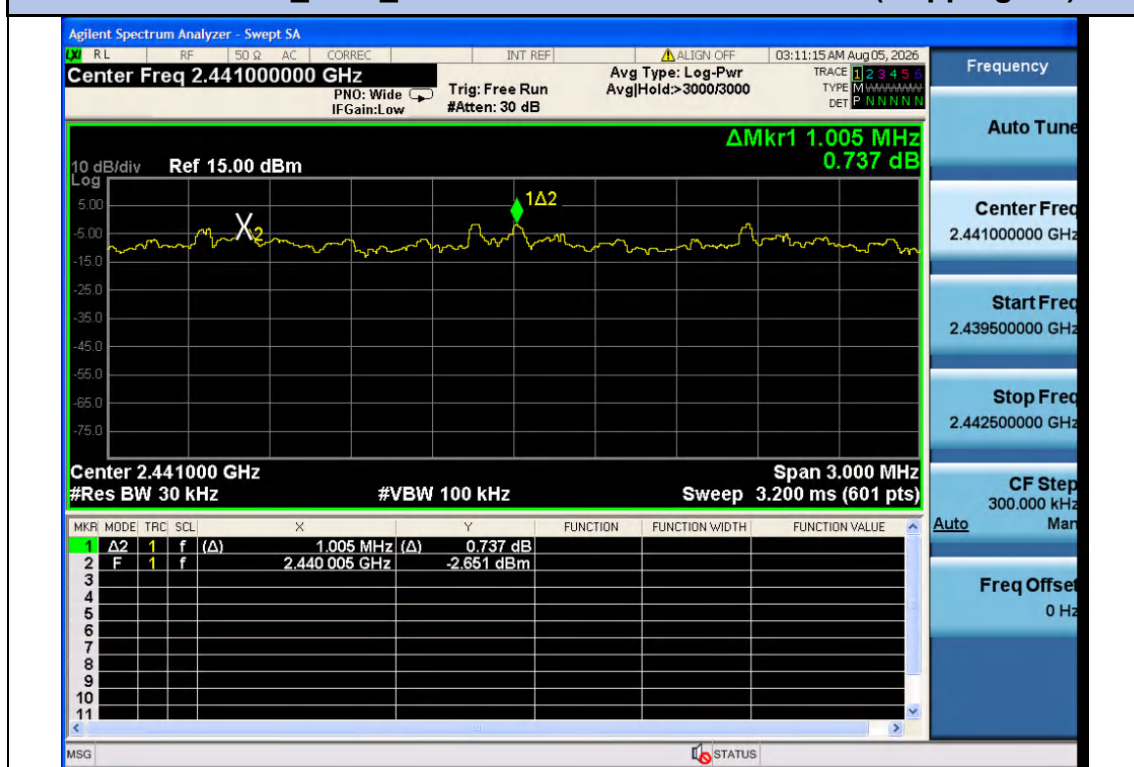
5.4. Test Procedure

- Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- Spectrum analyzer setting parameters in accordance with section 5.3.
- Set the EUT transmit continuously with maximum output power in all channel hopping mode.
- Allow trace to stabilize, use the marker-delta function to measure channel separation between two adjacent channels.
- Repeat above procedures until all channels and test modes were measured.
- Record the results in the test report.

$\pi/4$ -DQPSK 2-DH5_Ant1_CH38 2440MHz-CH39 2441MHz (Hopping On)



8-DPSK 3-DH5_Ant1_CH38 2440MHz-CH39 2441MHz (Hopping On)

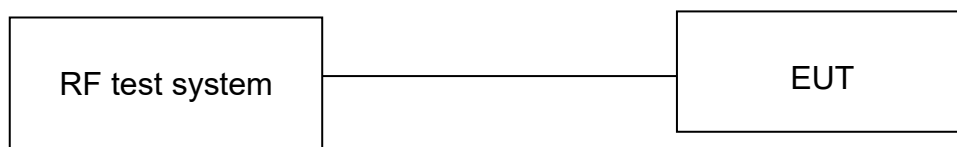


6. NUMBER OF HOPPING CHANNEL

6.1. Limit

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

6.2. Test Setup



6.3. Spectrum Analyzer Setting

Spectrum Parameters	Setting	
RBW	300KHz	
VBW	300KHz	
Start frequency	2400MHz	2441MH
Stop frequency	2441MHz	2483.5MHz
Sweep Time	Auto	
Detector	Peak	
Trace Mode	Max Hold	

6.4. Test Procedure

- Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- Spectrum analyzer setting parameters in accordance with section 6.3.
- Set the EUT transmit continuously with maximum output power in all channel hopping mode.
- Allow trace to stabilize, use the marker-peak function to mark the first and last frequency hopping channel.
- Repeat above procedures until all test modes were measured.
- Record the results in the test report.

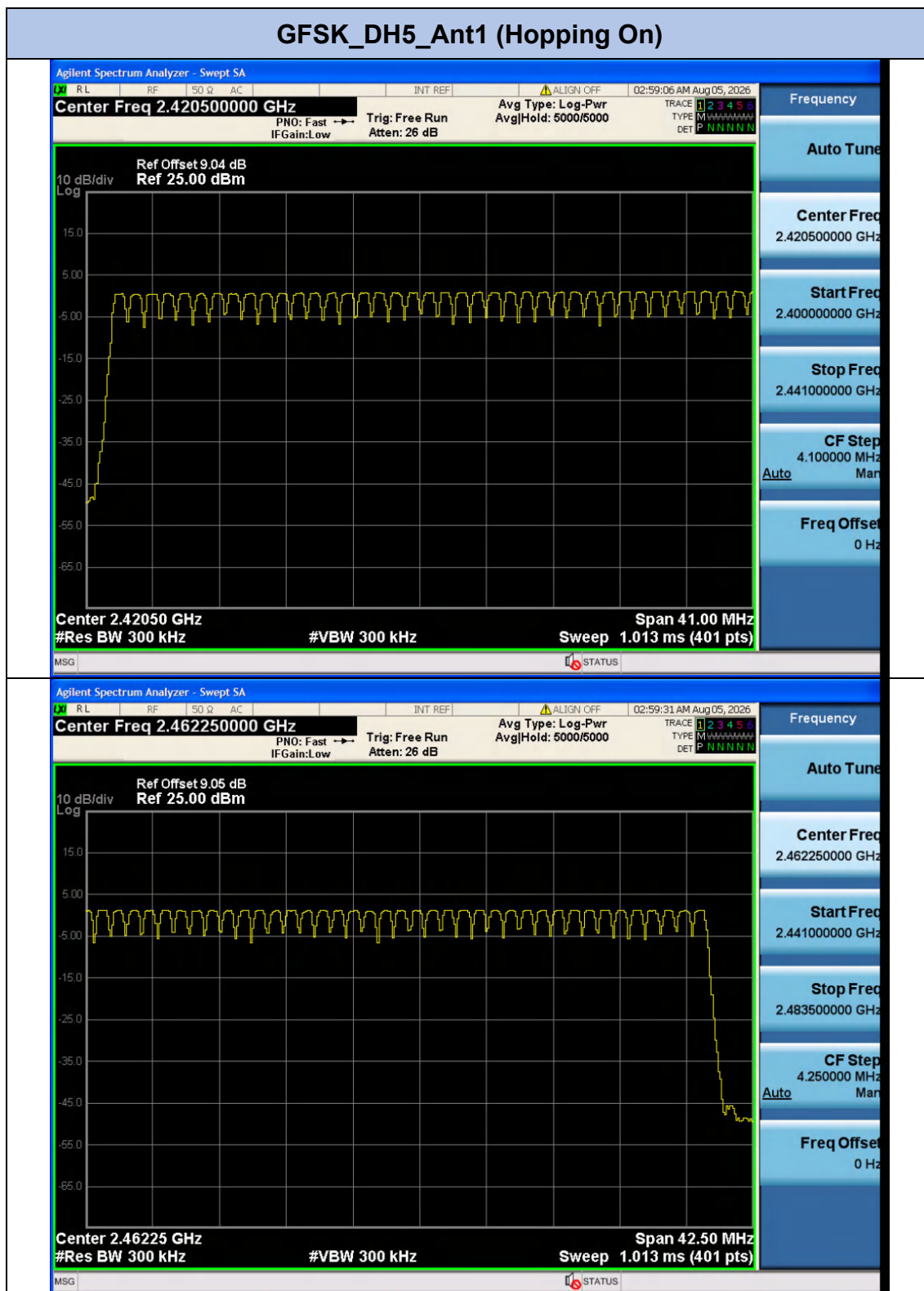
6.5. Test Conditions

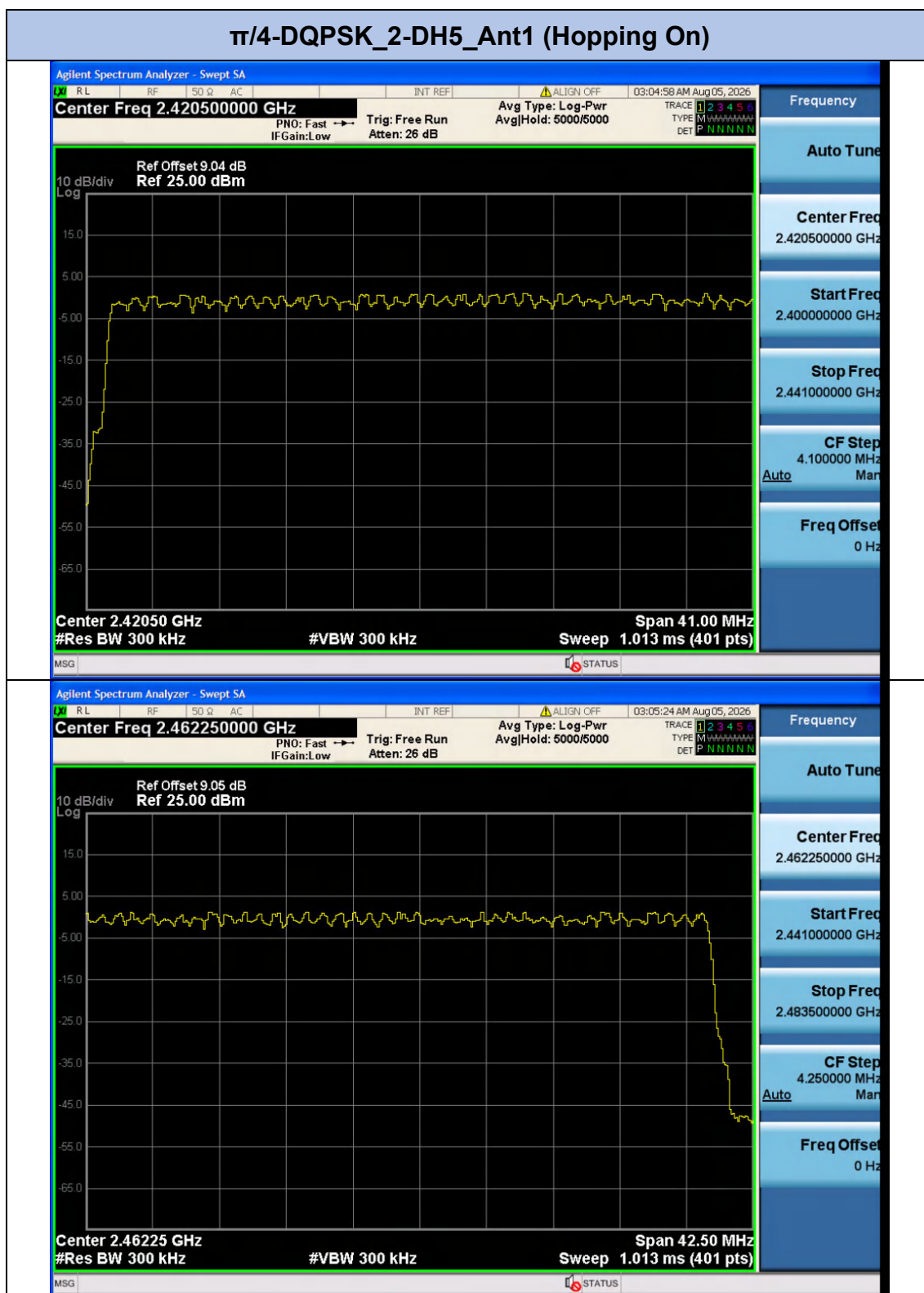
EUT:	Car Radio GPS	M/N:	WP-006
Test Voltage:	12V DC (Supplied by storage battery)		
Temperature:	24.4°C	Humidity:	50 % RH
Atmosphere Pressure:	100.6kPa		

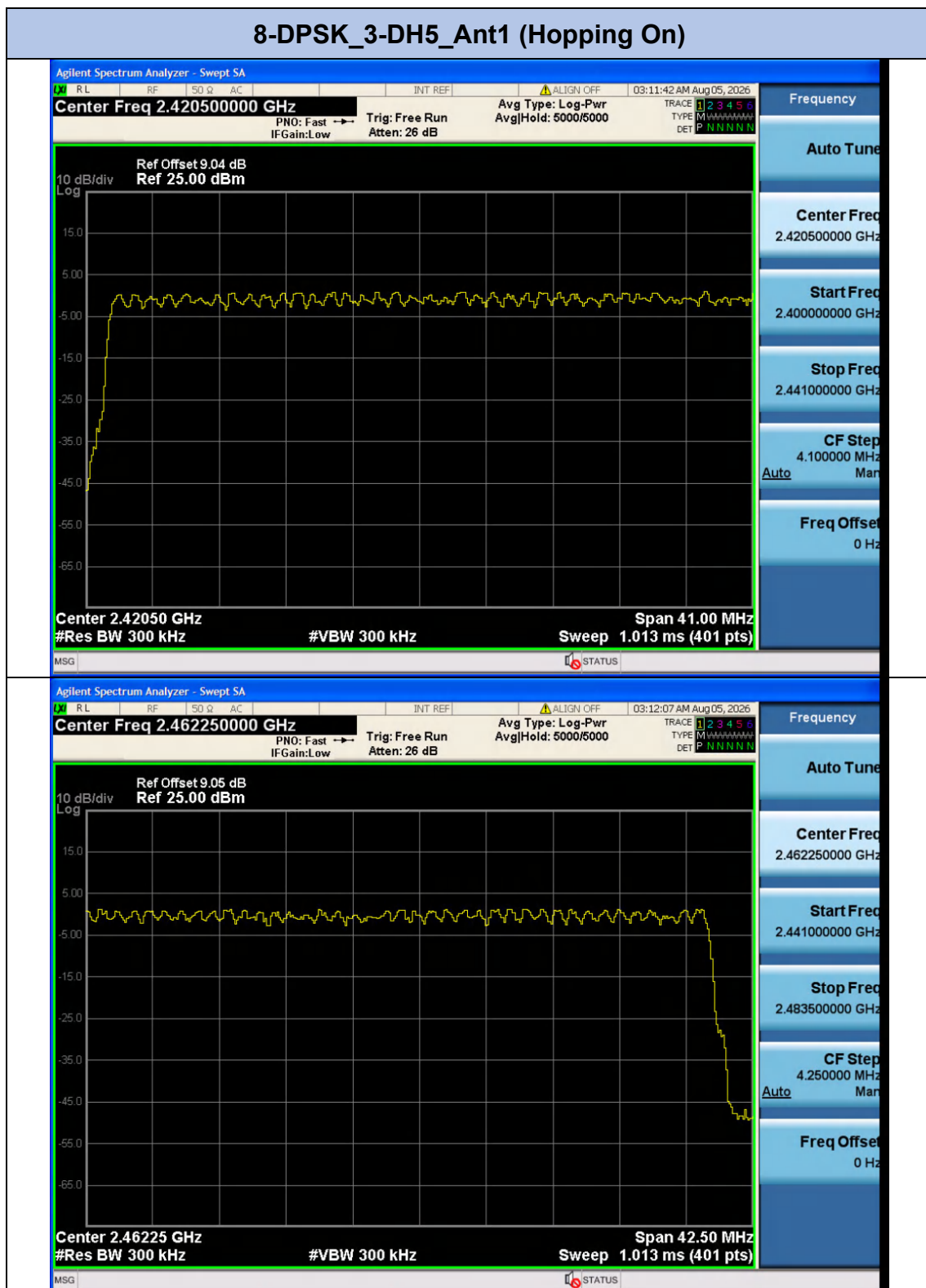
6.6. Test Result

Test Mode	Antenna	Number of Hopping Channel	Limit	Result
GFSK DH5 (Hopping On)	Ant1	79	>15	PASS
$\pi/4$ -DQPSK 2-DH5 (Hopping On)	Ant1	79		PASS
8-DPSK 3-DH5 (Hopping On)	Ant1	79		PASS

6.7.Original Test Record







7.TIME OF OCCUPANCY (DWELL TIME)

7.1.Limit

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

7.2.Test Setup



7.3.Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	1MHz
VBW	3MHz
Span	Zero
Detector	Peak
Sweep Time	0.96ms(DH1)/4.2ms(DH3)/7.2ms(DH5)
Sweep Mode	Single Sweep

7.4.Test Procedure

- Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- Spectrum analyzer setting parameters in accordance with section 7.3.
- Set the EUT transmit continuously with maximum output power in all channel hopping mode.
- Allow trace to stabilize, use the marker-delta function to measure single pulse duration.
- Repeat above procedures until all test modes were measured.
- Record the results in the test report.

7.5. Test Conditions

EUT:	Car Radio GPS	M/N:	WP-006
Test Voltage:	12V DC (Supplied by storage battery)		
Temperature:	24.4℃	Humidity:	50 % RH
Atmosphere Pressure:	100.6kPa		

7.6.Test Result

Test Mode	Packet	Channel& Frequency	Burst time	Dwell time	Limit	Result
		MHz	ms	s	s	
GFSK (Hopping On)	DH1	CH39 2441	0.376	0.1203	0.4	PASS
	DH3		1.631	0.2610		
	DH5		2.856	0.3046		
$\pi/4$ -DQPSK (Hopping On)	2-DH1	CH39 2441	0.386	0.1235	0.4	PASS
	2-DH3		1.638	0.2621		
	2-DH5		2.880	0.3072		
8-DPSK (Hopping On)	3-DH1	CH39 2441	0.386	0.1235	0.4	PASS
	3-DH3		1.638	0.2621		
	3-DH5		2.892	0.3085		

Note:

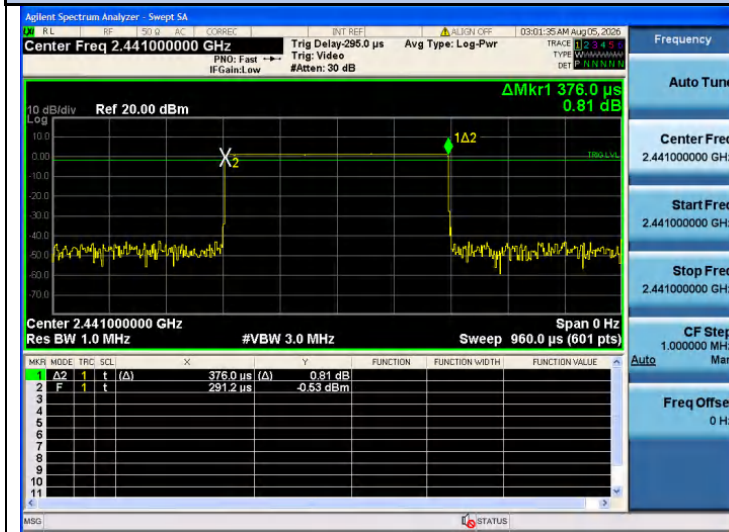
Dwell time=Pulse time (ms) $\times$ (1600 $\div$ 2 $\div$ 79) $\times$ 31.6 Second for DH1, 2-DH1, 3-DH1

Dwell time=Pulse time (ms) $\times$ (1600 $\div$ 4 $\div$ 79) $\times$ 31.6 Second for DH3, 2-DH3, 3-DH2

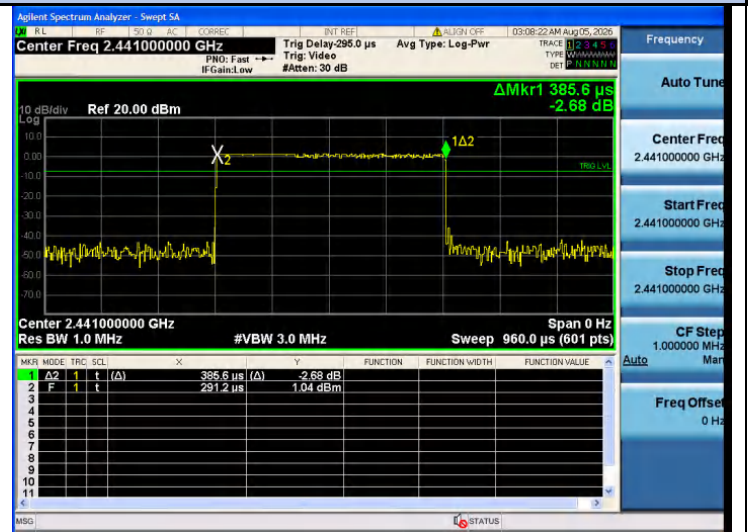
Dwell time=Pulse time (ms) $\times$ (1600 $\div$ 6 $\div$ 79) $\times$ 31.6 Second for DH5, 2-DH5, 3-DH3

7.7.Original Test Record

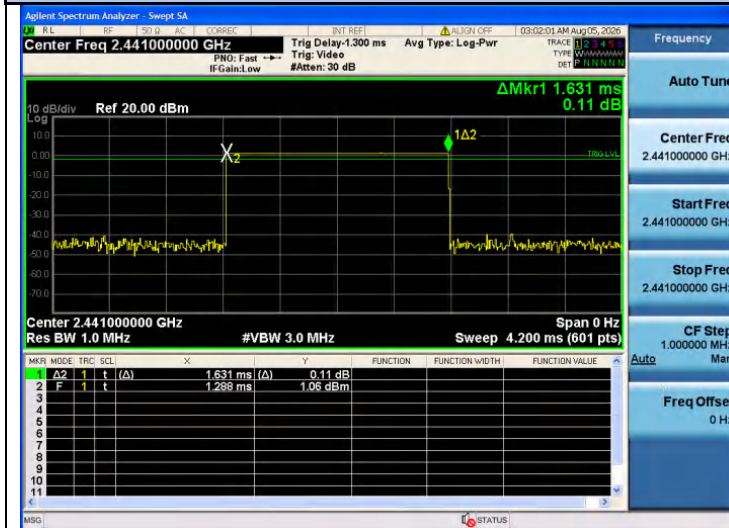
GFSK_DH1 (Hopping On)



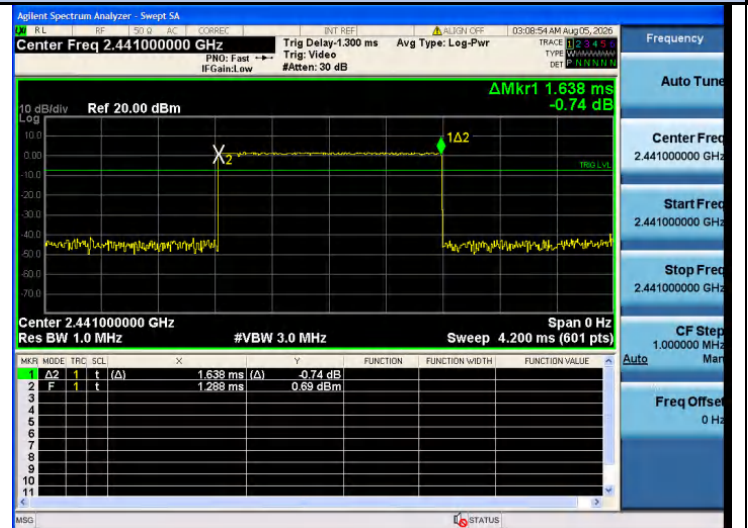
$\pi/4$ -DQPSK_2-DH1 (Hopping On)



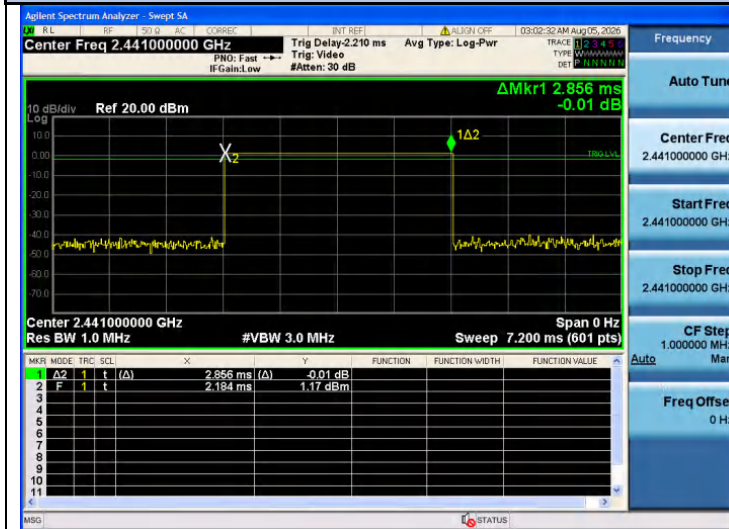
GFSK_DH3 (Hopping On)



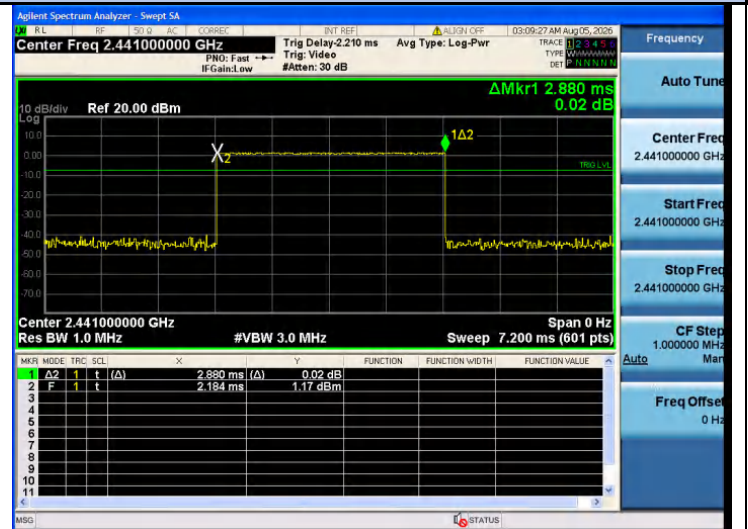
$\pi/4$ -DQPSK_2-DH3 (Hopping On)

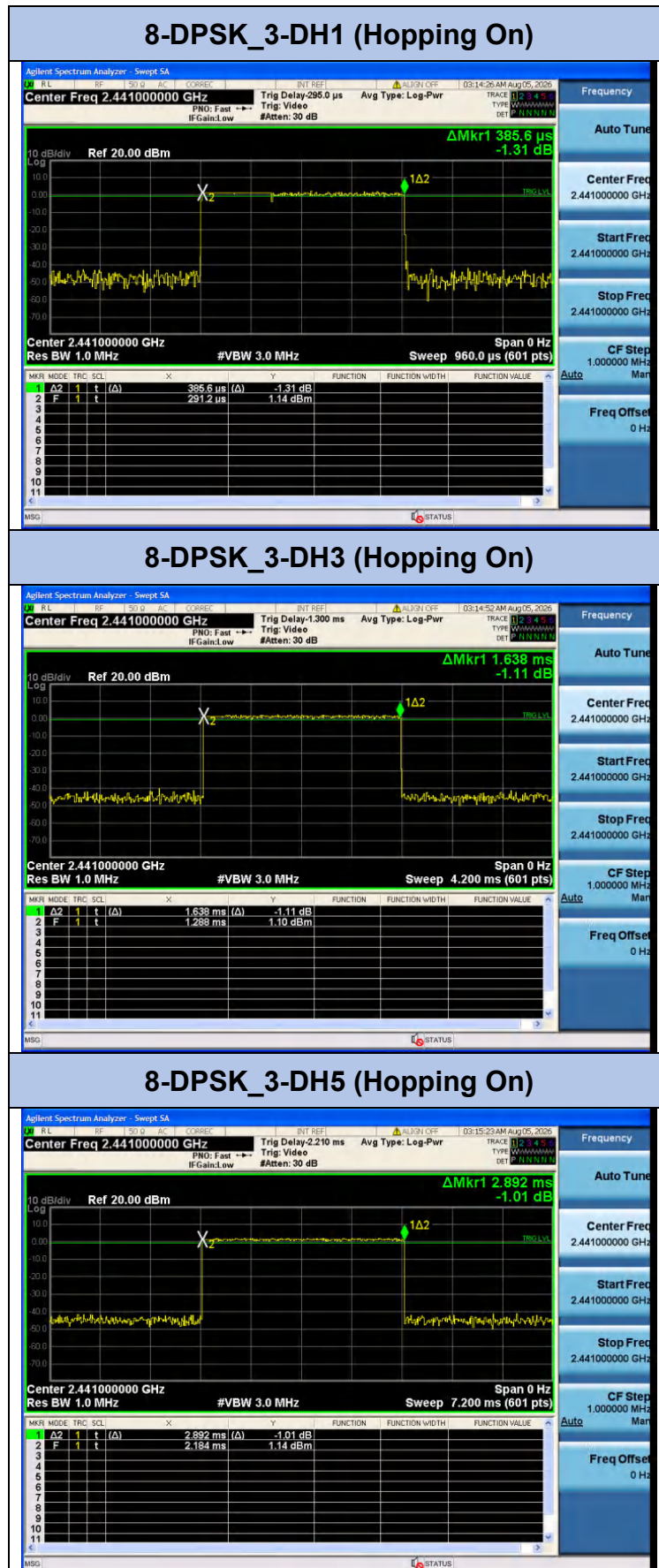


GFSK_DH5 (Hopping On)



$\pi/4$ -DQPSK_2-DH5 (Hopping On)



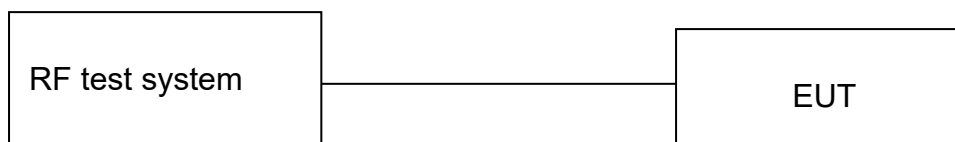


8.CONDUCTED BAND EDGE

8.1.Limit

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)).

8.2.Test Setup



8.3.Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	100KHz
VBW	300KHz
Span	3MHz (Reference Level) 100MHz (Left Band edge) 30MHz (Right Band edge)
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

8.4.Test Procedure

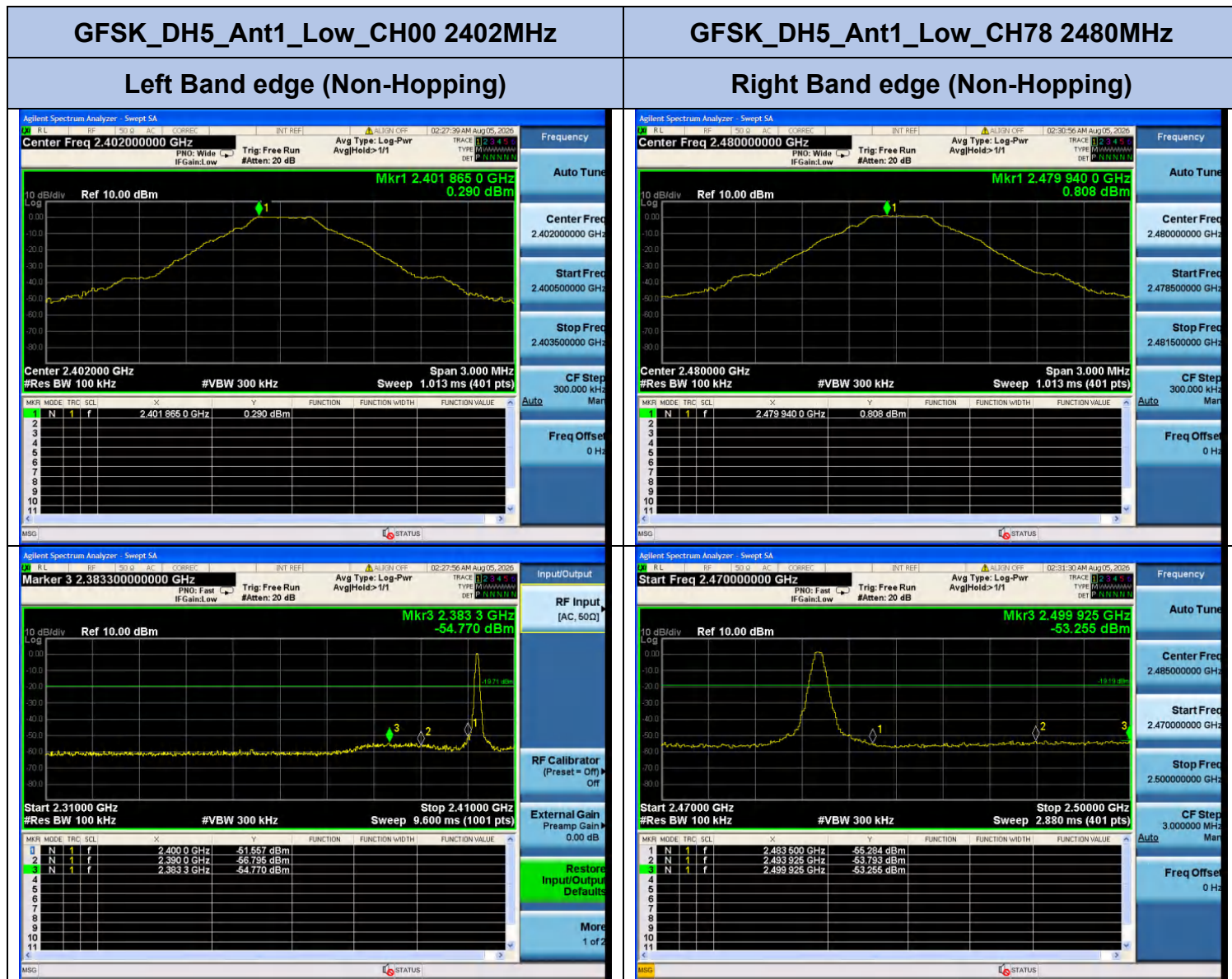
- Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- Spectrum analyzer setting parameters in accordance with section 8.3.
- Set the EUT transmit continuously with maximum output power over fixed single hopping channel.
- Allow trace to stabilize, use the marker function to mark the highest emission level outside the authorized band.
- Repeat above procedures until all channels and test modes were measured(including frequency hopping off and frequency hopping on).

Record the results in the test report.

8.5. Test Conditions

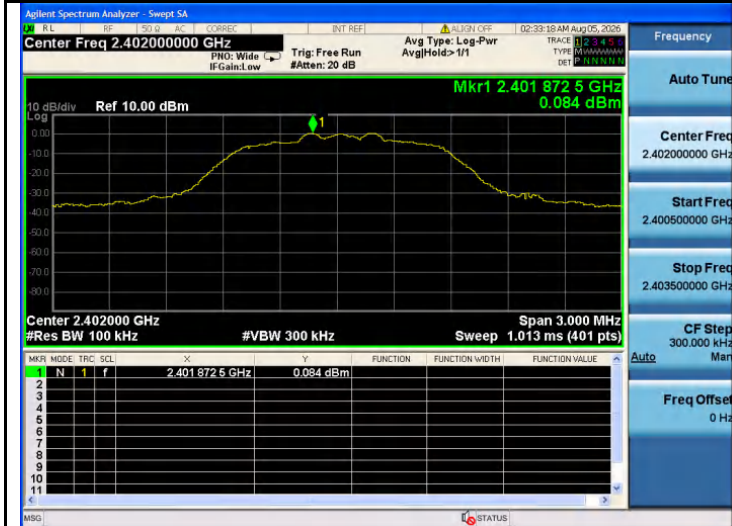
EUT:	Car Radio GPS	M/N:	WP-006
Test Voltage:	12V DC (Supplied by storage battery)		
Temperature:	24.4°C	Humidity:	50 % RH
Atmosphere Pressure:	100.6kPa		

8.6. Test Result



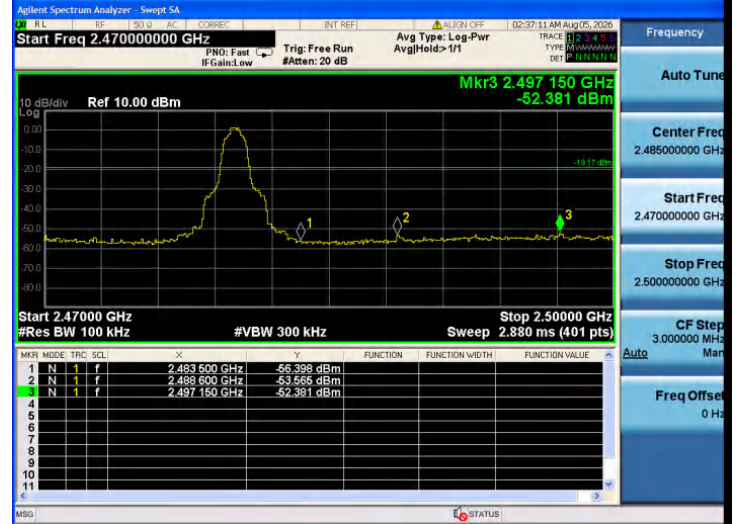
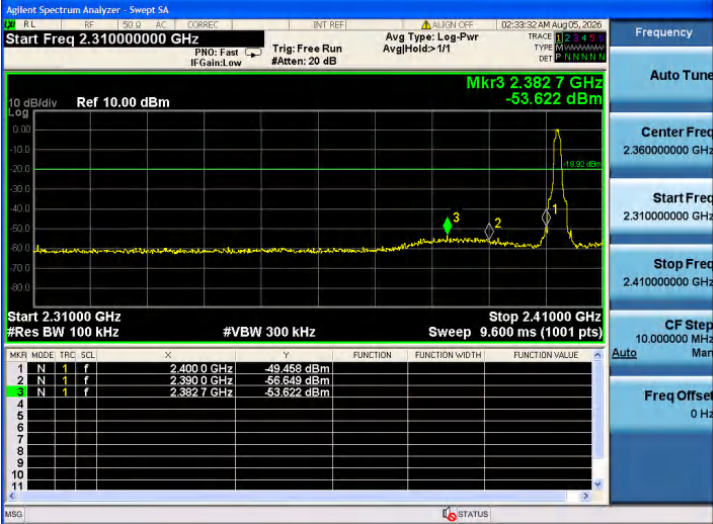
$\pi/4$ -DQPSK_2-DH5_Ant1_Low_CH00 2402MHz

Left Band edge (Non-Hopping)



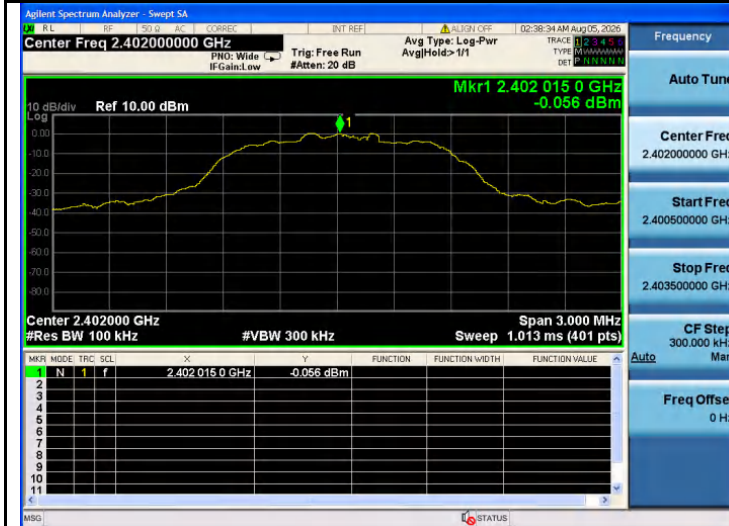
$\pi/4$ -DQPSK_2-DH5_Ant1_Low_CH78 2480MHz

Right Band edge (Non-Hopping)



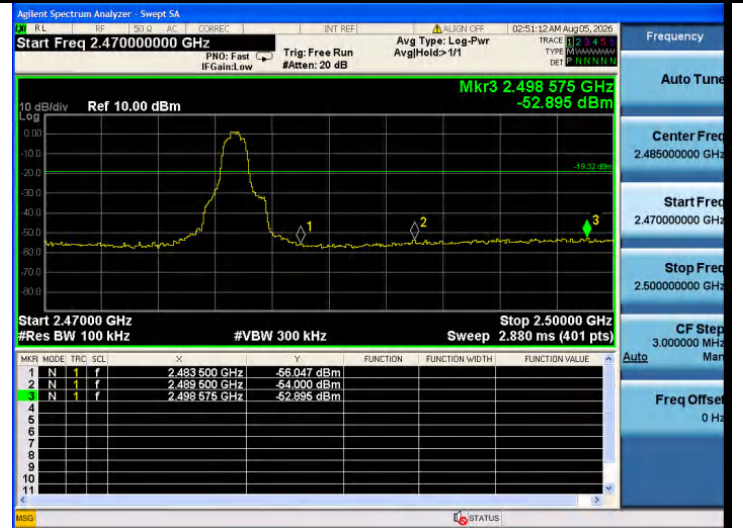
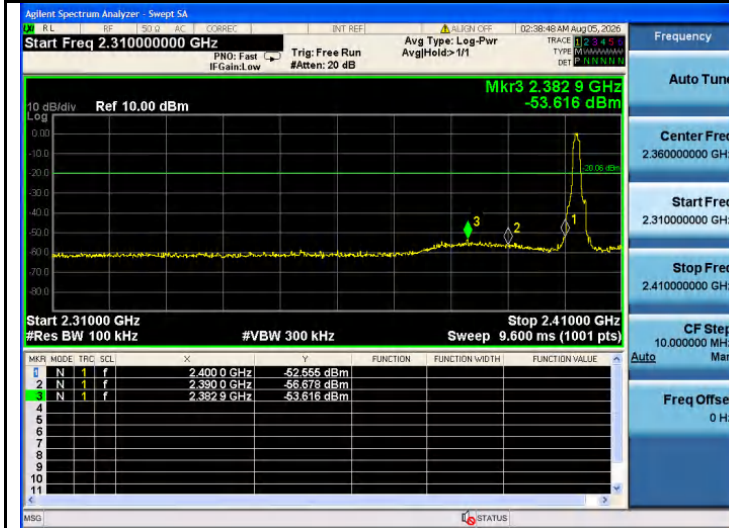
8-DPSK_3-DH5_Ant1_Low_CH00 2402MHz

Left Band edge (Non-Hopping)



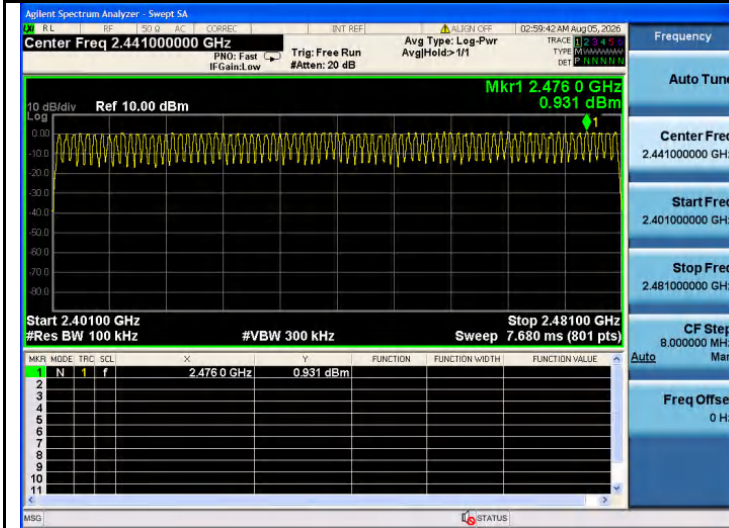
8-DPSK_3-DH5_Ant1_Low_CH78 2480MHz

Right Band edge (Non-Hopping)



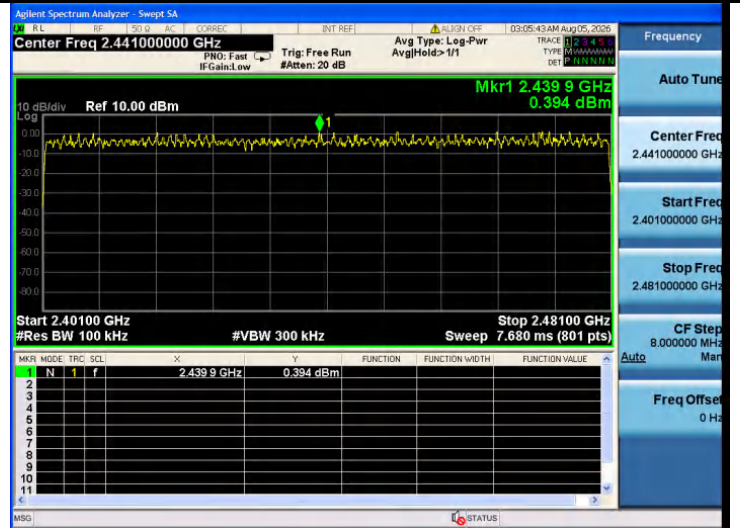
GFSK_DH5_Ant1

Reference_ (Hopping On)

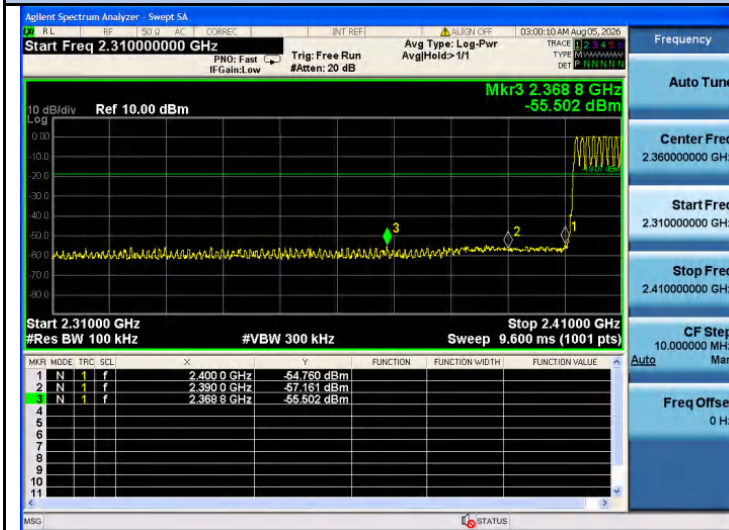


$\pi/4$ -DQPSK_2-DH5_Ant1

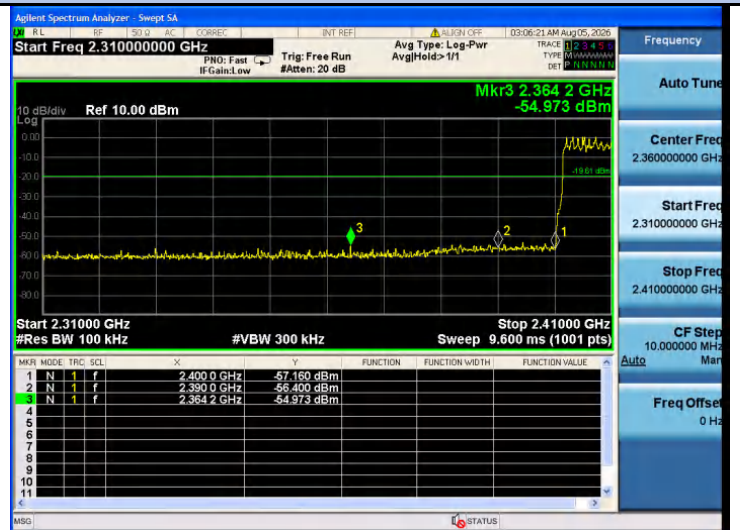
Reference_ (Hopping On)



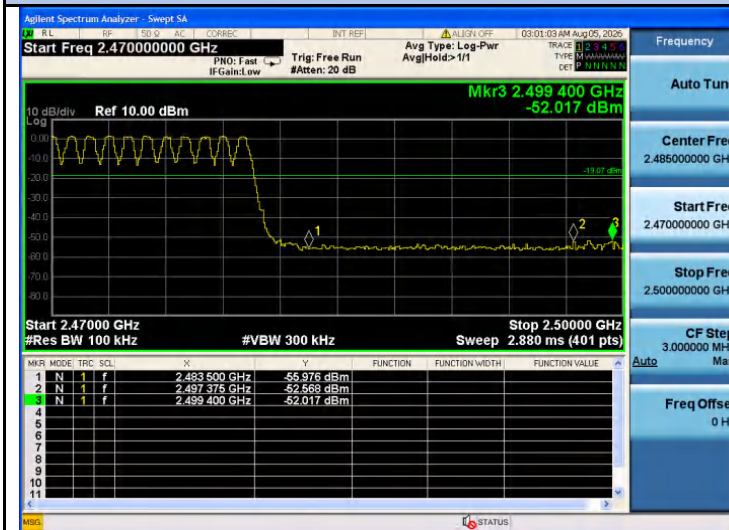
Left Band edge (Hopping On)



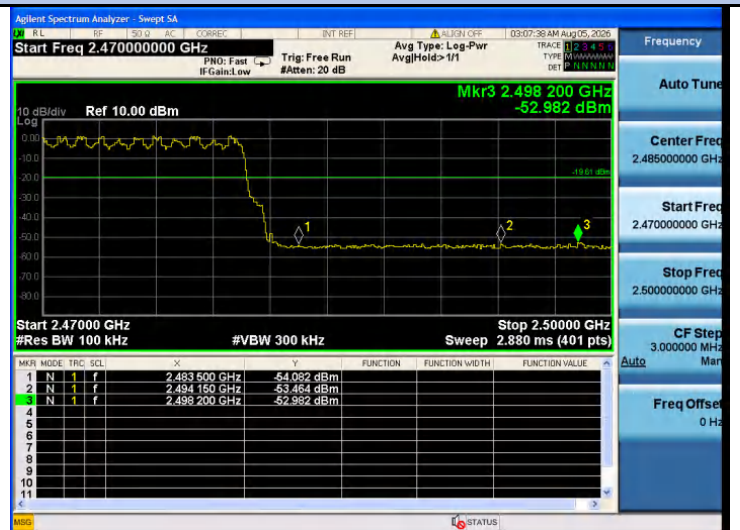
Left Band edge (Hopping On)

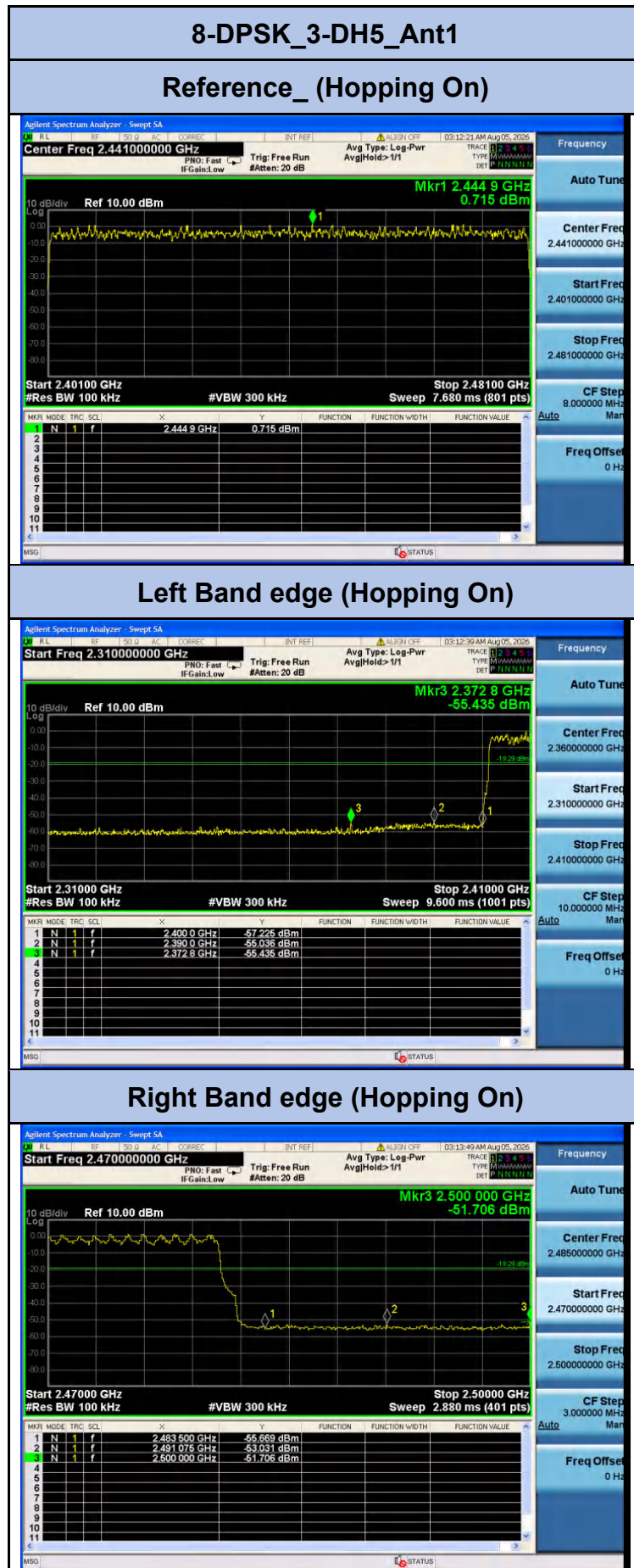


Right Band edge (Hopping On)



Right Band edge (Hopping On)





9.CONDUCTED SPURIOUS EMISSIONS

9.1.Limit

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)).

9.2.Test Setup



9.3.Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	100KHz
VBW	300KHz
Start frequency	30MHz
Stop frequency	26.5GHz
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

9.4. Test Procedure

- a. Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- b. Spectrum analyzer setting parameters in accordance with section 9.3.
- c. Set the EUT transmit continuously with maximum output power over fixed single hopping channel.
- d. Allow trace to stabilize, use the marker function to mark the highest emission level outside the authorized band.
- e. Repeat above procedures until all channels and test modes were measured.
- f. Record the results in the test report.

9.5. Test Conditions

EUT:	Car Radio GPS	M/N:	WP-006
Test Voltage:	12V DC (Supplied by storage battery)		
Temperature:	24.4°C	Humidity:	50 % RH
Atmosphere Pressure:	100.6kPa		

9.6. Test Result

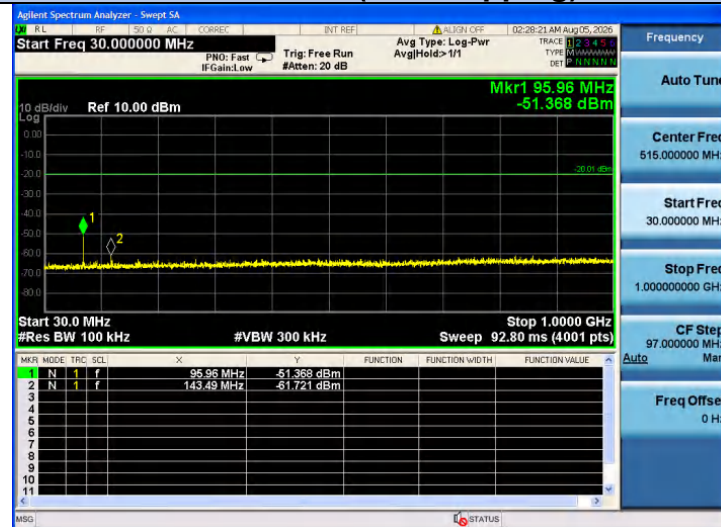
**GFSK_DH5_Ant1_CH00 2402MHz
Reference (Non-Hopping)**



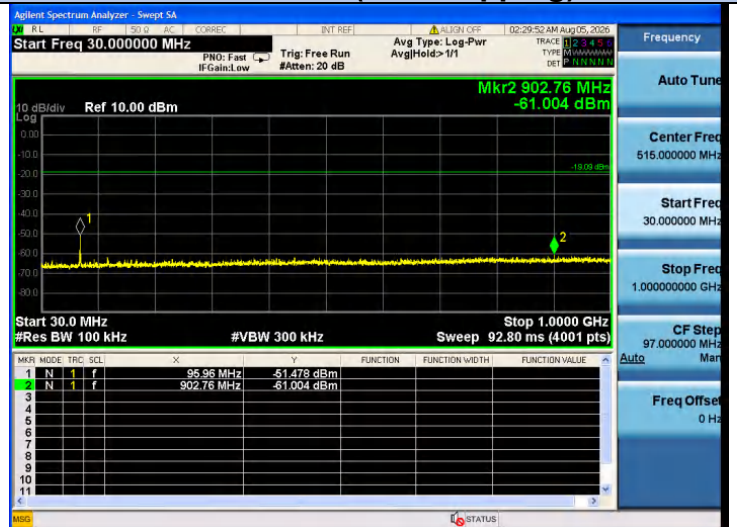
**GFSK_DH5_Ant1_CH39 2441MHz
Reference (Non-Hopping)**



**GFSK_DH5_Ant1_CH00 2402MHz
30-1000MHz (Non-Hopping)**



**GFSK_DH5_Ant1_CH39 2441MHz
30-1000MHz (Non-Hopping)**

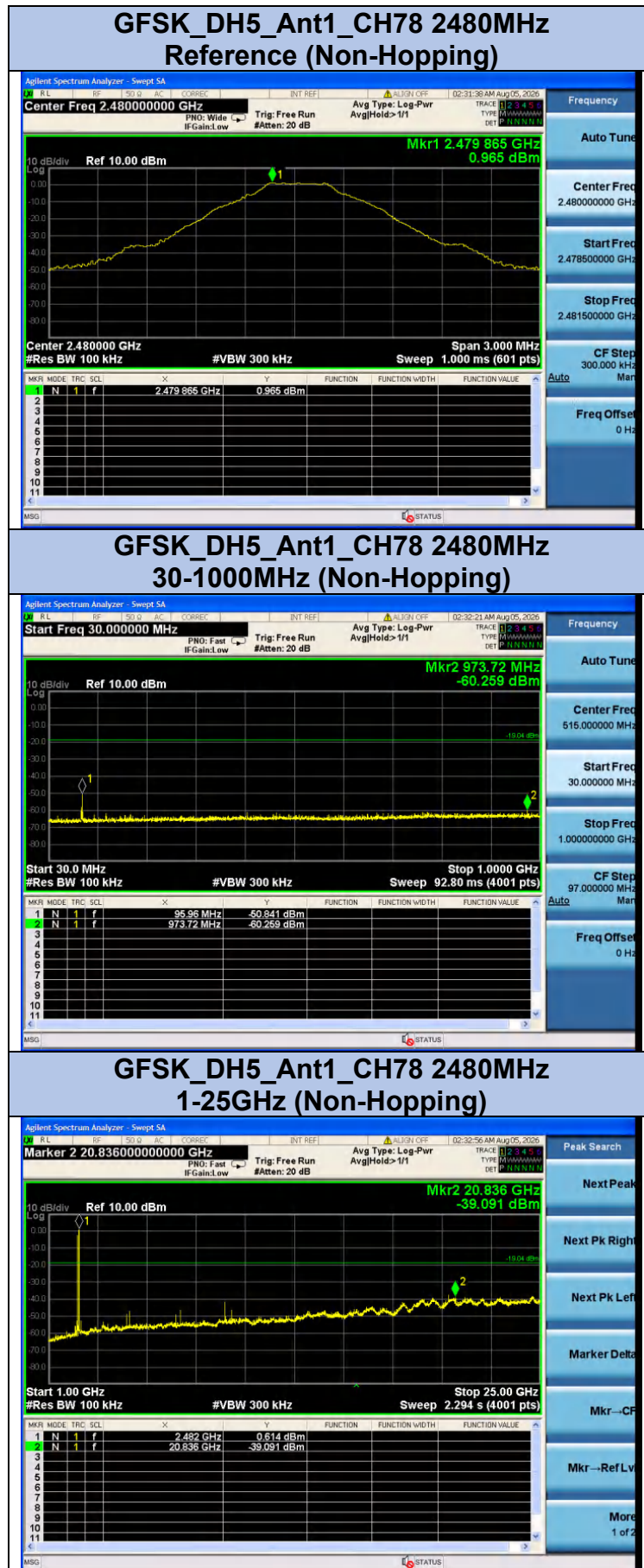


**GFSK_DH5_Ant1_CH00 2402MHz
1-25GHz (Non-Hopping)**

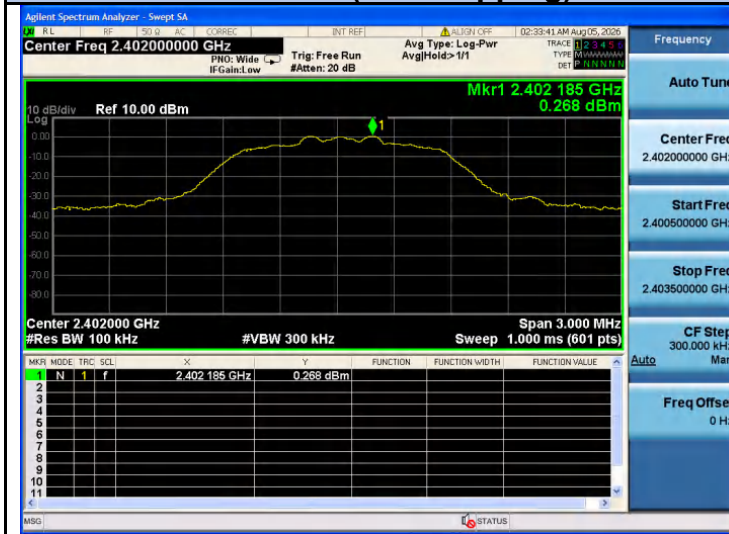


**GFSK_DH5_Ant1_CH39 2441MHz
1-25GHz (Non-Hopping)**





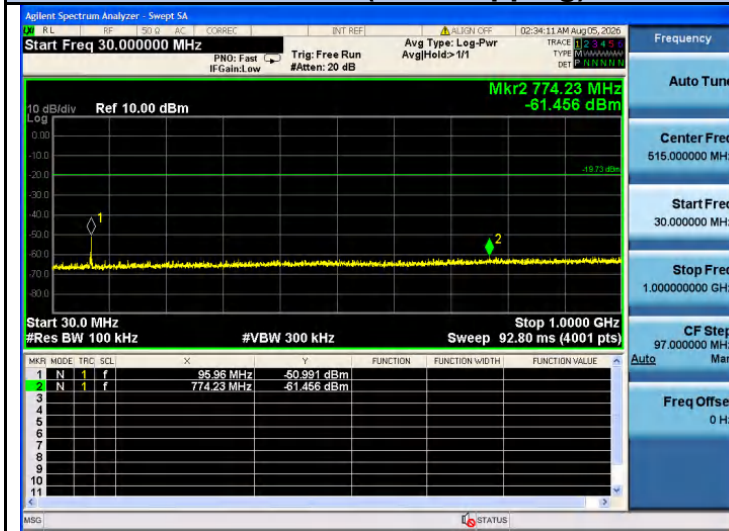
$\pi/4$ -DQPSK_2-DH5_Ant1_CH00 2402MHz Reference (Non-Hopping)



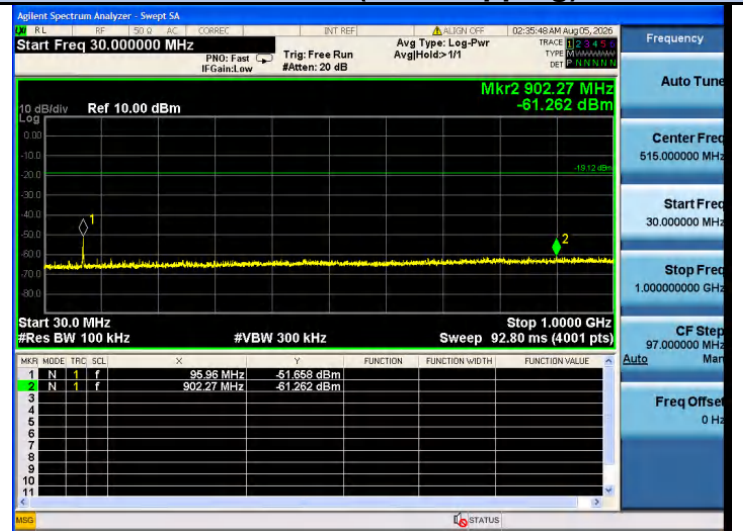
$\pi/4$ -DQPSK_2-DH5_Ant1_CH39 2441MHz Reference (Non-Hopping)



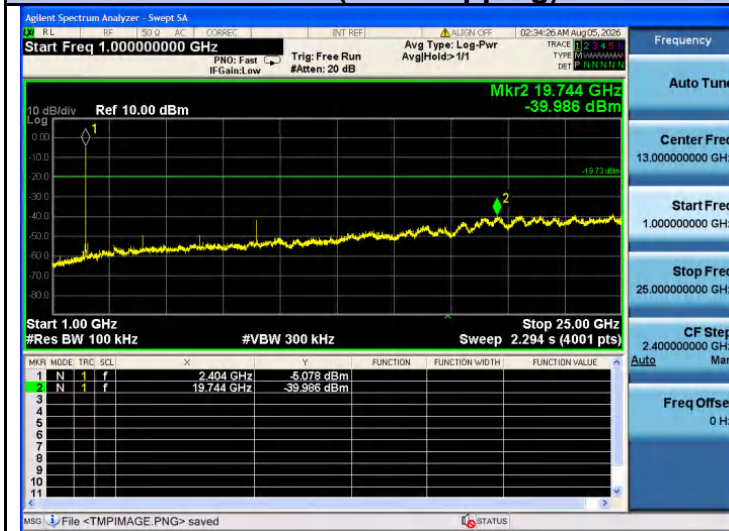
$\pi/4$ -DQPSK_2-DH5_Ant1_CH00 2402MHz 30-1000MHz (Non-Hopping)



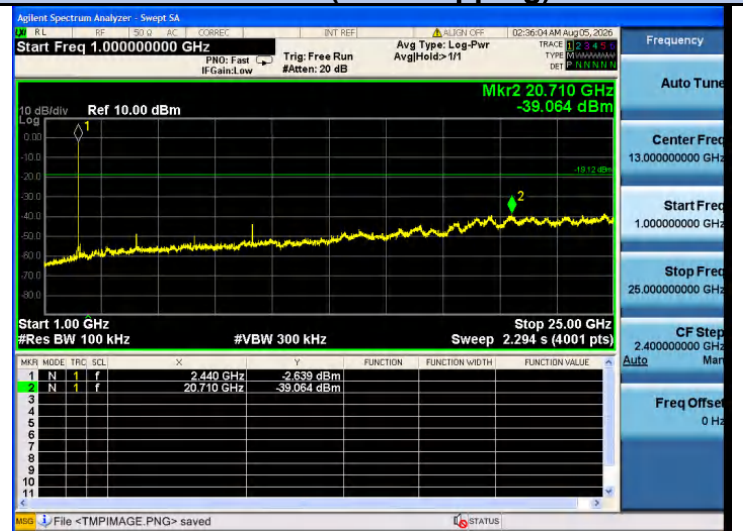
$\pi/4$ -DQPSK_2-DH5_Ant1_CH39 2441MHz 30-1000MHz (Non-Hopping)

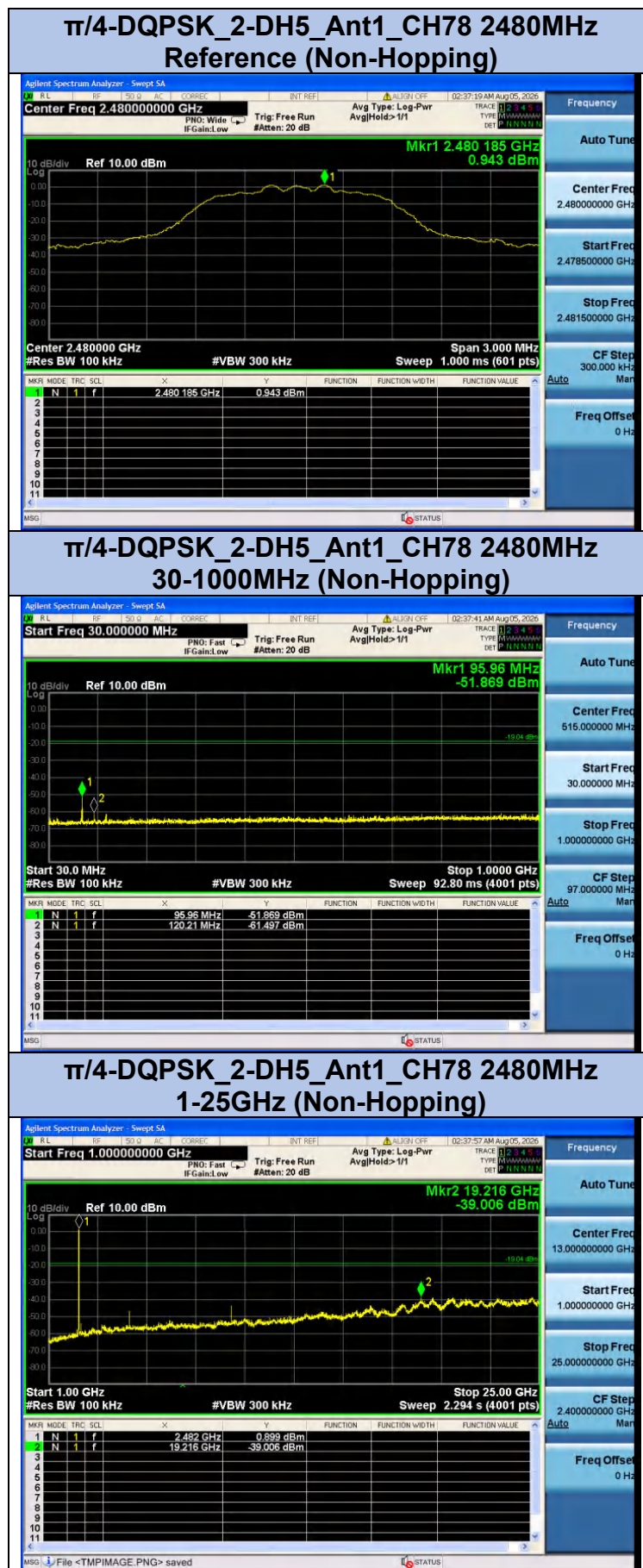


$\pi/4$ -DQPSK_2-DH5_Ant1_CH00 2402MHz 1-25GHz (Non-Hopping)



$\pi/4$ -DQPSK_2-DH5_Ant1_CH39 2441MHz 1-25GHz (Non-Hopping)





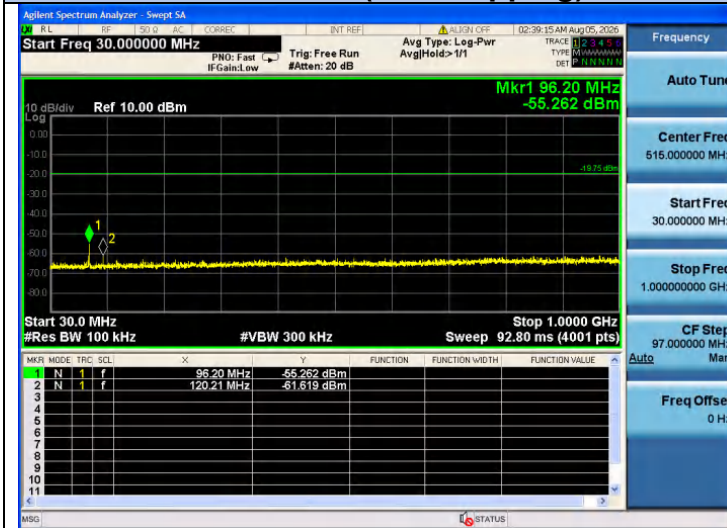
8-DPSK_3-DH5_Ant1_CH00 2402MHz Reference (Non-Hopping)



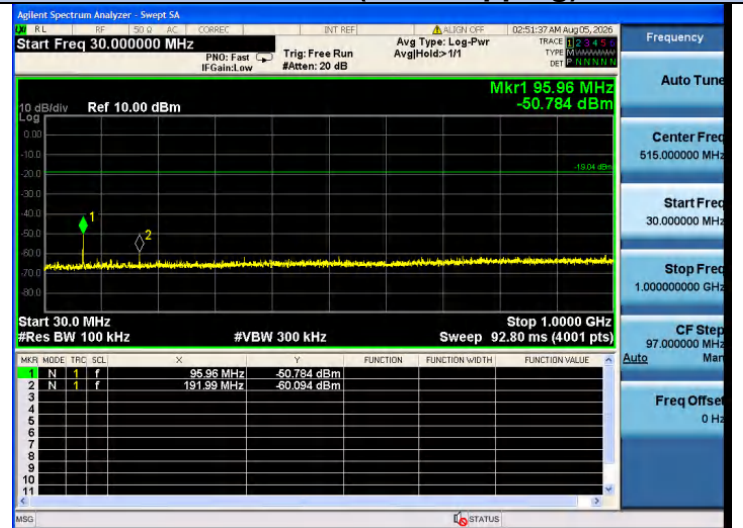
8-DPSK_3-DH5_Ant1_CH39 2441MHz Reference (Non-Hopping)



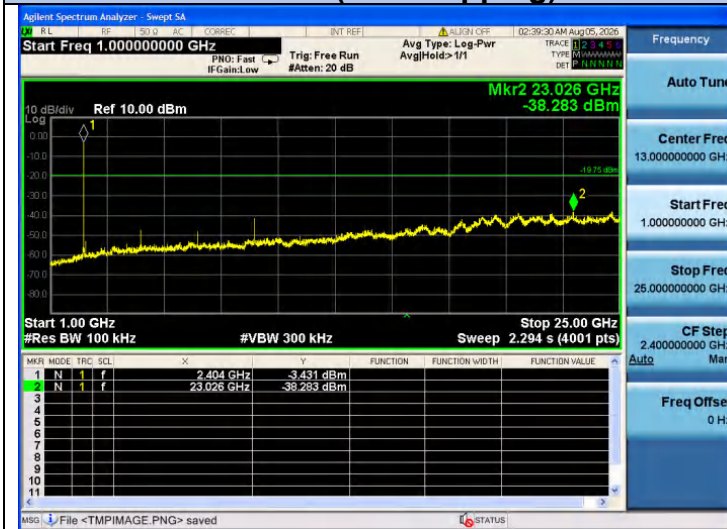
8-DPSK_3-DH5_Ant1_CH00 2402MHz 30-1000MHz (Non-Hopping)



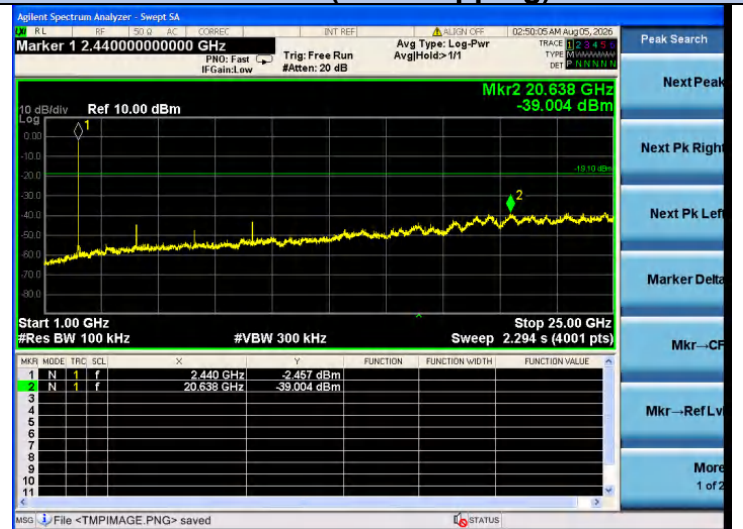
8-DPSK_3-DH5_Ant1_CH39 2441MHz 30-1000MHz (Non-Hopping)

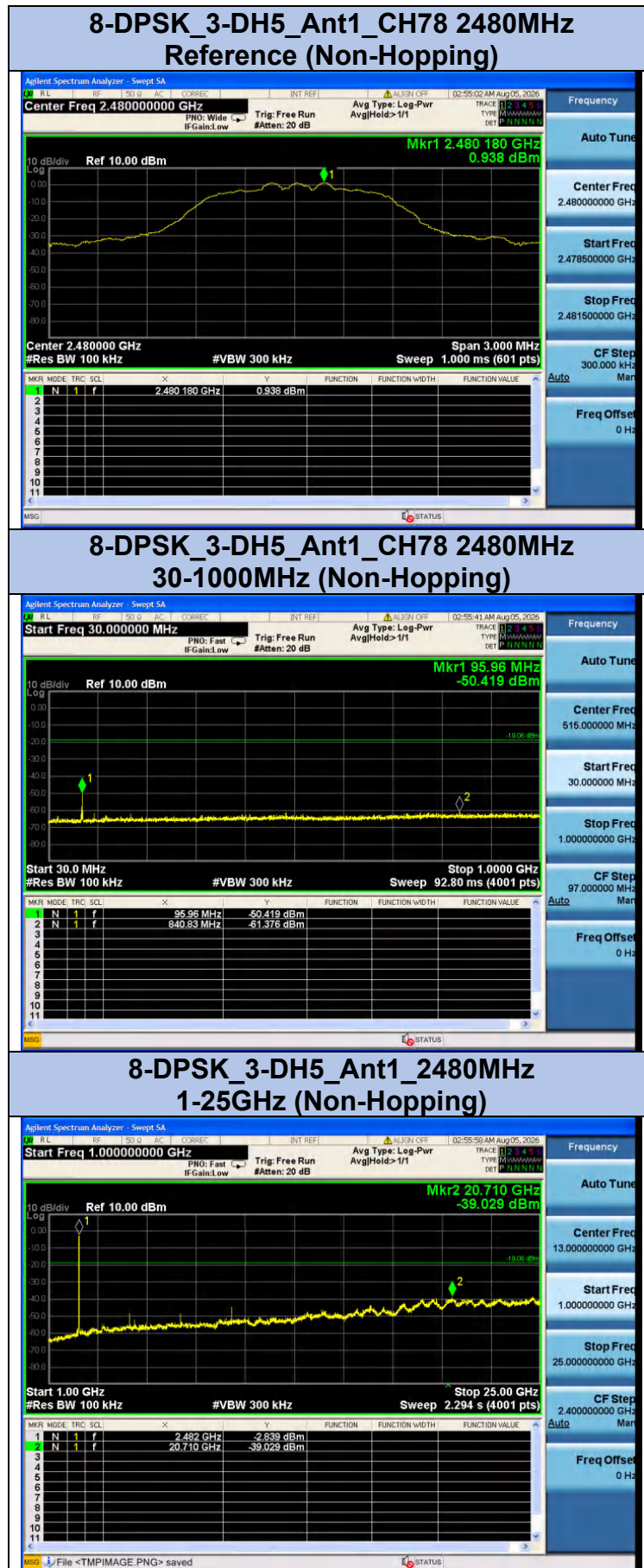


8-DPSK_3-DH5_Ant1_CH00 2402MHz 1-25GHz (Non-Hopping)



8-DPSK_3-DH5_Ant1_CH39 2441MHz 1-25GHz (Non-Hopping)





10. RADIATED SPURIOUS EMISSIONS AND BAND EDGE

10.1. Limit

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

15.205 Restricted frequency band			
MHZ	MHz	MHZ	GHZ
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(2)

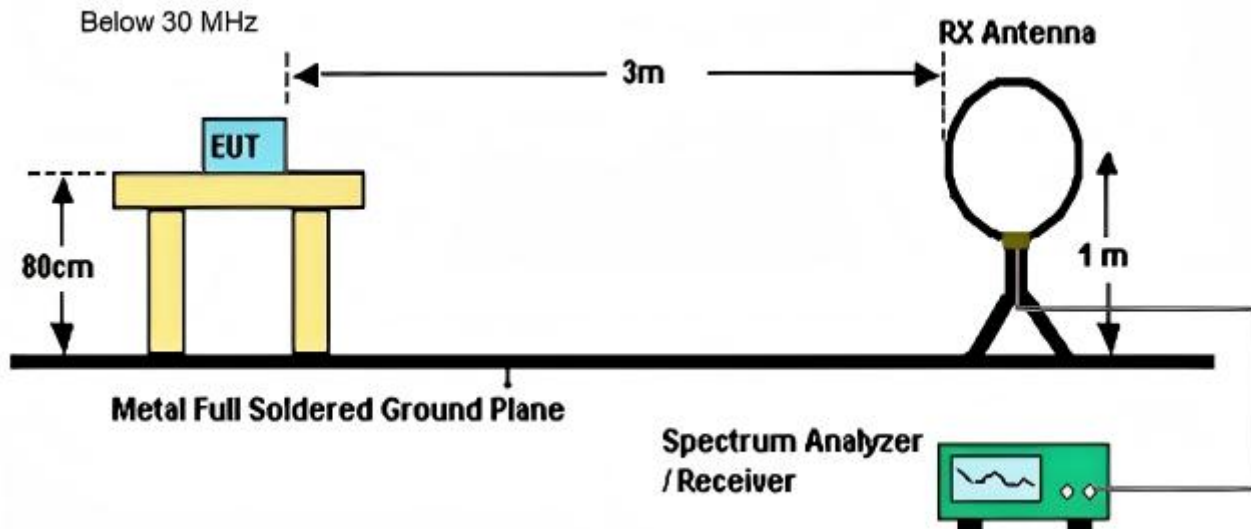
15.209 Limit		
Frequency (MHz)	Field Strength($\mu\text{V}/\text{m}$)	Distance(m)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Note:

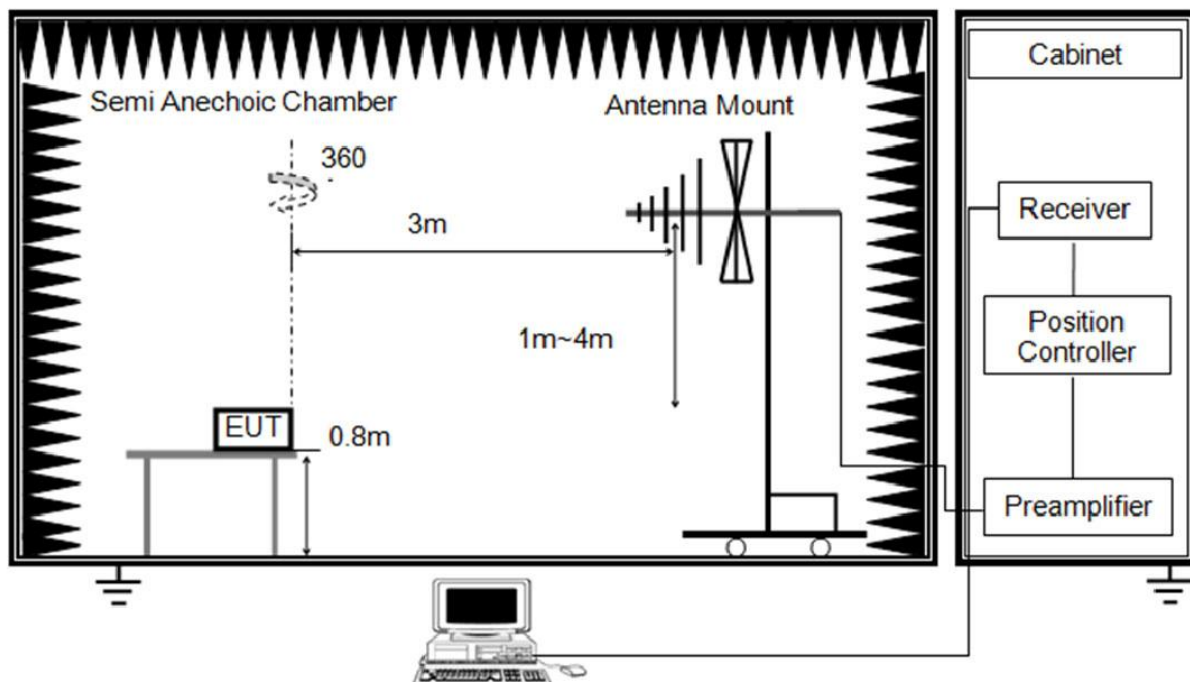
- (1) Emission level $\text{dB}\mu\text{V} = 20 \log \text{Emission level } \mu\text{V}/\text{m}$.
- (2) The smaller limit shall apply at the cross point between two frequency bands.
- (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

10.2. Test Setup

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

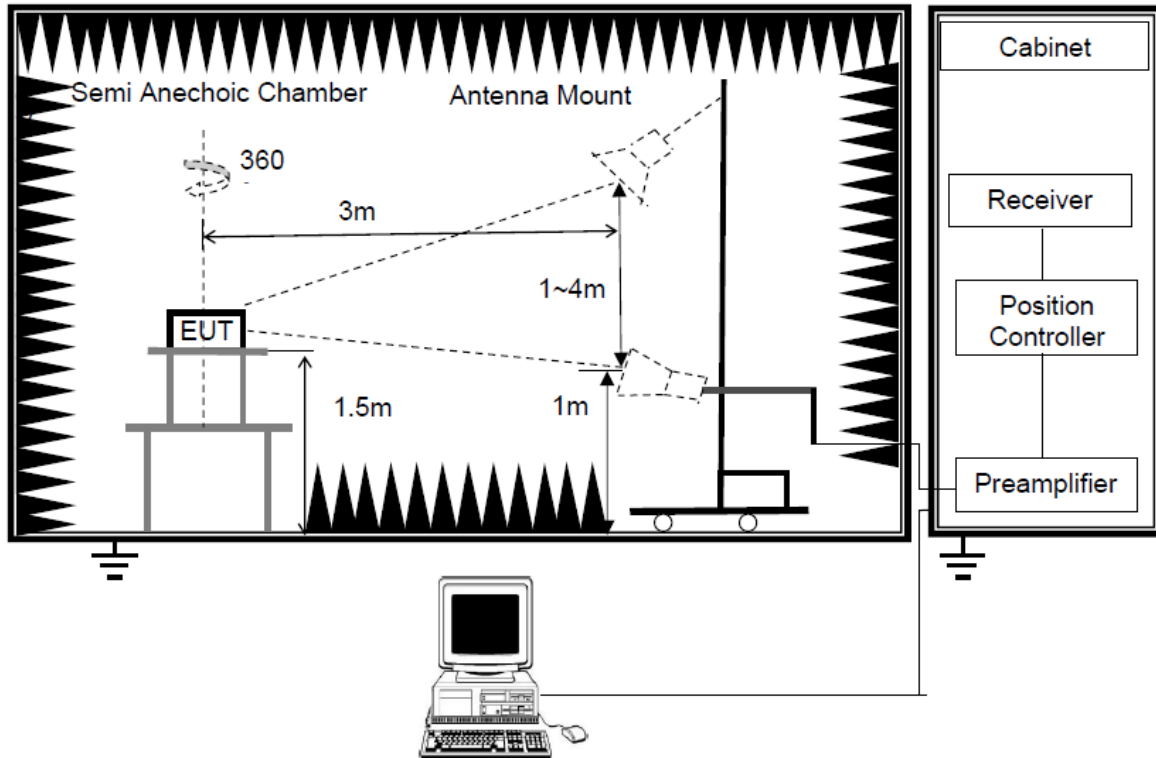


(B) Radiated Emission Test Set-Up, Frequency below 1000MHz Below 1 GHz and above 30 MHz



(C) Radiated Emission Test Set-Up, Frequency above 1GHz

Above 1GHz



10.3. Spectrum Analyzer Setting

For 9KHz-150KHz	
Spectrum Parameters	Setting
RBW	300Hz (for Peak&AVG)/CISPR 200Hz (for QP)
VBW	300Hz (for Peak&AVG)/CISPR 200Hz (for QP)
Start frequency	9KHz
Stop frequency	150KHz
Sweep Time	Auto
Detector	PEAK/QP/AVG
Trace Mode	Max Hold

Note: For 9KHz-90KHz&110KHz-150KHz,the detector is average,other frequency is CISPR QP detector.

For 150KHz-30MHz	
Spectrum Parameters	Setting
RBW	9KHz
VBW	30KHz
Start frequency	150KHz
Stop frequency	30MHz
Sweep Time	Auto
Detector	QP
Trace Mode	Max Hold

Note: For 150KHz-490KHz,the detector is average,other frequency is CISPR QP detector.

For 30MHz-1GHz	
Spectrum Parameters	Setting
RBW	120KHz
VBW	300KHz
Start frequency	30MHz
Stop frequency	1GHz
Sweep Time	Auto
Detector	QP
Trace Mode	Max Hold

For Above 1GHz		
Spectrum Parameters	Setting	
RBW	1MHz	
VBW	PEAK Measurement	AVG Measurement
	3MHz	Duty cycle $\geq$ 98%, VBW=10Hz
		Duty cycle $<$ 98%,VBW $\geq$ 1/T
Start frequency	1GHz	
Stop frequency	40GHz	
Sweep Time	Auto	
Detector	PEAK	
Trace Mode	Max Hold	

Note: T is the on-time time of the duty cycle, when EUT transmit continuously with maximum output power, unit is seconds. reference section 3 for the on-time time.

10.4. Test Procedure

- a. EUT was placed on a turn table, which is 0.8 meter high above ground for below 1GHz test, and which is 1.5 meter high above ground for above 1GHz test.
- b. The diameter of the turntable is 2 meters. The EUT is located at the center of the edge of the test support table. Since the turntable is large enough, the EUT is placed at the center of the edge of the test support table as well as at the center of the turntable.
- c. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower.
- d. Set the EUT transmit continuously with maximum output power.
- e. The turn table can rotate 360 degrees to determine the position of the maximum emission level.
- f. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on test.
- g. Spectrum analyzer setting parameters in accordance with section 10.3.
- h. Repeat above procedures until all channels and test modes were measured.
- i. Record the results in the test report.

Note:

1. For emissions above 1GHz, if peak level comply with average limit, then the average level is deemed to comply with average limit.
2. The frequency 2402MHz, 2441MHz and 2480MHz is fundamental frequency which no limit, the limit on plots is automatically generated by the software, it's not fundamental limit, we can't remove it.
3. For 30-1000MHz Radiation emissions, GFSK, $\pi/4$ -DQPSK and 8-DPSK mode all have been tested, it was conducted under both AC 120V/60Hz and AC 240V/50Hz input voltages, there was no significant change in radiation emission. Only worse case: 8-DPSK mode with CH78 2480MHz with AC 120V/60Hz voltage is reported. The test data for all other modes and channels do not exceed the results recorded for this worst-case mode
4. Radiated emission test from 9KHz to 10th harmonic of fundamental was verified, and no emission found except system noise floor in 9KHz to 30MHz and not Recorded in this report.
5. The amplitude of-18GHz to 25GHz spurious emission-that-is attenuated by more than 20dB below the-permissible-limit has no need-to-be-reported.

10.5. Test Conditions

Radiated Emissions 30-1000MHz			
EUT:	Car Radio GPS	M/N:	WP-006
Test Voltage:	12V DC (Supplied by storage battery)		
Temperature:	24.1°C	Humidity:	58 % RH
Atmosphere Pressure:	100.6kPa		

Radiated Emissions Above 1GHz & Radiated Band Edge			
EUT:	Car Radio GPS	M/N:	WP-006
Test Voltage:	12V DC (Supplied by storage battery)		
Temperature:	24.1°C	Humidity:	58 % RH
Atmosphere Pressure:	100.6kPa		

10.6. Test Result

Radiated Emissions 30-1000MHz

EUT: Car Radio GPS

M/N: WP-006

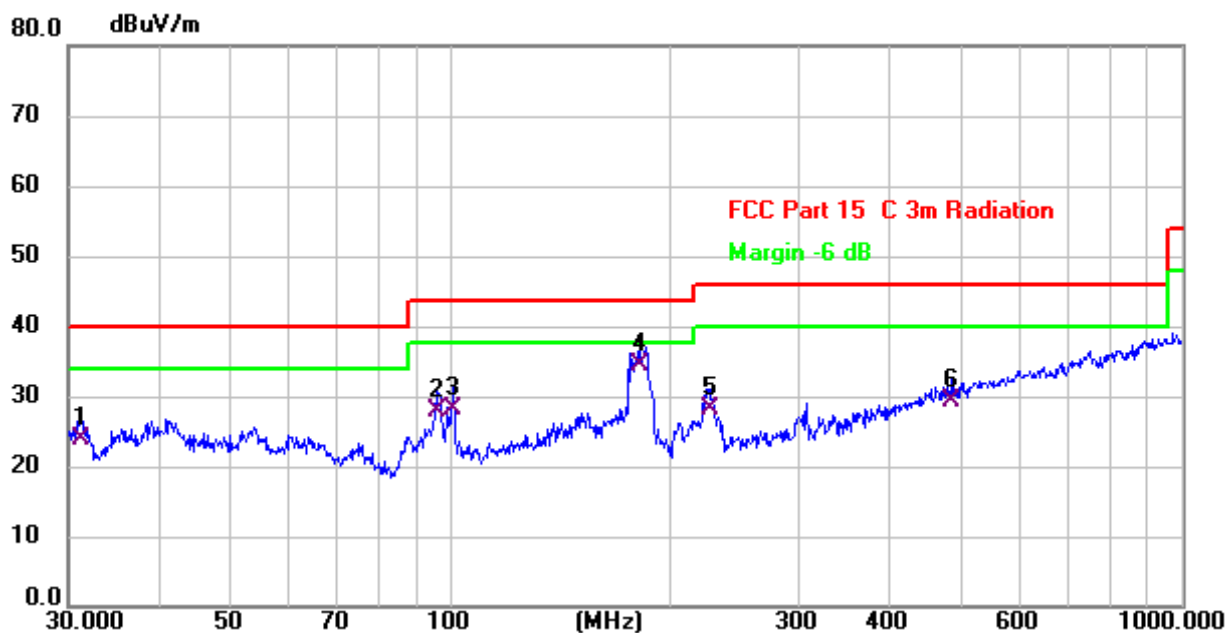
Test Voltage: 12V DC (Supplied by storage battery)

Ant. Pol.: Vertical

Test Mode: TX Mode

Note: only worse case: 8-DPSK mode with CH78 2480MHz is reported, the test data for all other modes and channels do not exceed the results recorded for this worst-case mode

Detailed results are shown below



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	31.289	4.82	18.92	23.74	40.00	16.26	QP
2	96.099	11.72	16.22	27.94	43.50	15.56	QP
3	100.934	11.90	16.34	28.24	43.50	15.26	QP
4 *	181.283	16.70	17.77	34.47	43.50	9.03	QP
5	226.099	10.08	18.01	28.09	46.00	17.91	QP
6	485.609	5.04	24.30	29.34	46.00	16.66	QP

Remarks: 1). Level (dBμV/m) = Reading (dBμV/m) + Factor (dB/m)
 2). Factor(dB/m) =Antenna Factor (dB/m) + Cable loss (dB)
 3). Margin(dB) = Limit (dBμV/m) - Level (dBμV/m)

EUT: Car Radio GPS

M/N: WP-006

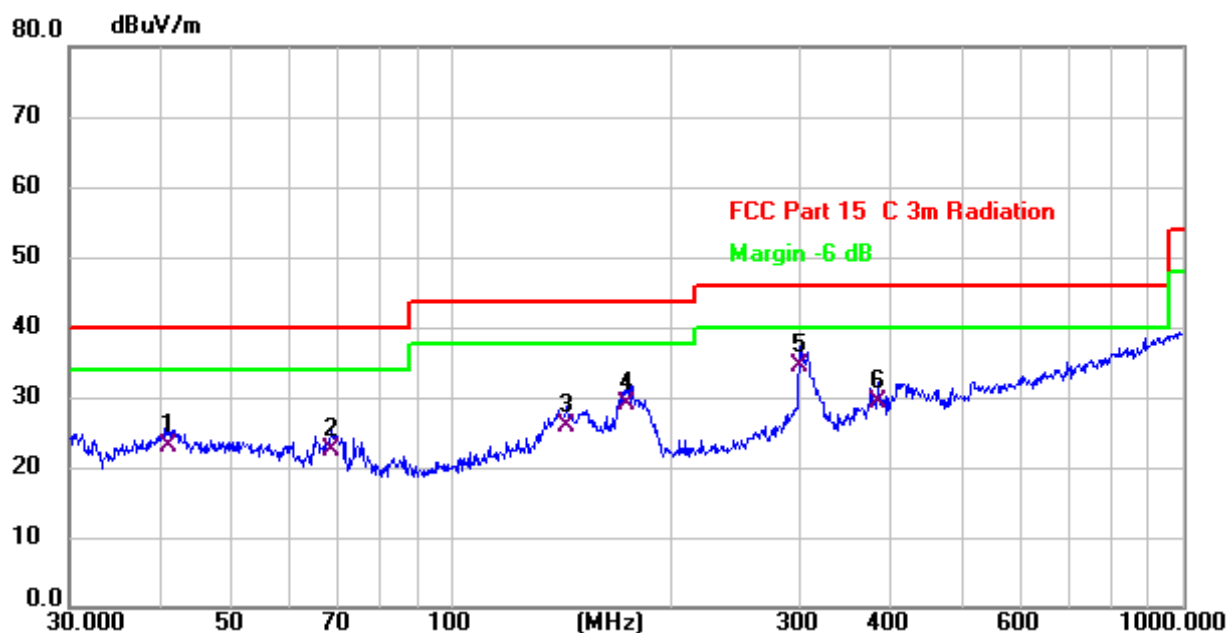
Test Voltage: 12V DC (Supplied by storage battery)

Ant. Pol.: Horizontal

Test Mode: TX Mode

Note: only worse case: 8-DPSK mode with CH78 2480MHz is reported, the test data for all other modes and channels do not exceed the results recorded for this worst-case mode

Detailed results are shown below



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	41.132	3.12	19.96	23.08	40.00	16.92	QP
2	68.631	5.55	17.00	22.55	40.00	17.45	QP
3	143.829	5.38	20.47	25.85	43.50	17.65	QP
4	173.205	10.04	18.89	28.93	43.50	14.57	QP
5 *	300.367	14.24	20.14	34.38	46.00	11.62	QP
6	382.588	7.25	21.95	29.20	46.00	16.80	QP

Remarks: 1). Level (dBuV/m) = Reading (dBuV/m) + Factor (dB/m)
 2). Factor(dB/m) = Antenna Factor (dB/m) + Cable loss (dB)
 3). Margin(dB) = Limit (dBuV/m) - Level (dBuV/m)

Radiated Emissions Above 1GHz - GFSK

GFSK-CH00 2402MHz (Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2392.696	40.67	-19.29	74.0	33.33	Peak	324.00	150	Vertical	Pass
1**	2392.696	30.55	-19.29	54.0	23.45	AV	324.00	150	Vertical	Pass
2	4785.500	48.84	-10.52	74.0	25.16	Peak	108.00	150	Vertical	Pass
2**	4785.500	39.88	-10.52	54.0	14.12	AV	108.00	150	Vertical	Pass
3	4804.000	45.40	-11.07	74.0	28.60	Peak	72.00	150	Vertical	Pass
3**	4804.000	39.87	-11.07	54.0	14.13	AV	72.00	150	Vertical	Pass
4	7205.750	56.12	-6.87	74.0	17.88	Peak	324.00	150	Vertical	Pass
4**	7205.750	50.85	-6.87	54.0	3.15	AV	324.00	150	Vertical	Pass
5	7877.250	52.34	-6.12	74.0	21.66	Peak	360.00	150	Vertical	Pass
5**	7877.250	43.06	-6.12	54.0	10.94	AV	360.00	150	Vertical	Pass
6	17940.001	52.55	1.52	74.0	21.45	Peak	360.00	150	Vertical	Pass
6**	17940.001	44.43	1.52	54.0	9.57	AV	360.00	150	Vertical	Pass

GFSK-CH00 2402MHz (Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.194	47.37	-19.28	74.0	26.63	Peak	180.00	150	Horizontal	Pass
1**	2388.194	36.46	-19.28	54.0	17.54	AV	180.00	150	Horizontal	Pass
2	4764.750	49.59	-10.56	74.0	24.41	Peak	360.00	150	Horizontal	Pass
2**	4764.750	41.12	-10.56	54.0	12.88	AV	360.00	150	Horizontal	Pass
3	4804.000	45.96	-11.07	74.0	28.04	Peak	108.00	150	Horizontal	Pass
3**	4804.000	39.56	-11.07	54.0	14.44	AV	108.00	150	Horizontal	Pass
4	7205.750	52.39	-6.87	74.0	21.61	Peak	72.00	150	Horizontal	Pass
4**	7205.750	44.80	-6.87	54.0	9.20	AV	72.00	150	Horizontal	Pass
5	7727.750	52.53	-6.31	74.0	21.47	Peak	36.00	150	Horizontal	Pass
5**	7727.750	43.85	-6.31	54.0	10.15	AV	36.00	150	Horizontal	Pass
6	17930.500	53.55	1.64	74.0	20.45	Peak	324.00	150	Horizontal	Pass
6**	17930.500	44.48	1.64	54.0	9.52	AV	324.00	150	Horizontal	Pass

GFSK-CH39 2441MHz (Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.294	46.31	-19.28	74.0	27.69	Peak	252.00	150	Horizontal	Pass
1**	2388.294	36.63	-19.28	54.0	17.37	AV	252.00	150	Horizontal	Pass
2	4775.250	48.63	-10.51	74.0	25.37	Peak	360.00	150	Horizontal	Pass
2**	4775.250	39.57	-10.51	54.0	14.43	AV	360.00	150	Horizontal	Pass
3	4882.000	46.11	-10.72	74.0	27.89	Peak	108.00	150	Horizontal	Pass
3**	4882.000	39.35	-10.72	54.0	14.65	AV	108.00	150	Horizontal	Pass
4	7323.000	49.97	-6.78	74.0	24.03	Peak	324.00	150	Horizontal	Pass
4**	7323.000	44.18	-6.78	54.0	9.82	AV	324.00	150	Horizontal	Pass
5	7748.750	51.96	-6.35	74.0	22.04	Peak	144.00	150	Horizontal	Pass
5**	7748.750	43.40	-6.35	54.0	10.60	AV	144.00	150	Horizontal	Pass
6	17916.500	52.94	0.70	74.0	21.06	Peak	144.00	150	Horizontal	Pass
6**	17916.500	43.19	0.70	54.0	10.81	AV	144.00	150	Horizontal	Pass

GFSK-CH39 2441MHz (Non-Hopping)

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2318.259	40.59	-19.59	74.0	33.41	Peak	216.00	150	Vertical	Pass
1**	2318.259	31.49	-19.59	54.0	22.51	AV	216.00	150	Vertical	Pass
2	4631.750	48.55	-11.52	74.0	25.45	Peak	360.00	150	Vertical	Pass
2**	4631.750	37.96	-11.52	54.0	16.04	AV	360.00	150	Vertical	Pass
3	4882.000	46.24	-10.72	74.0	27.76	Peak	252.00	150	Vertical	Pass
3**	4882.000	39.47	-10.72	54.0	14.53	AV	252.00	150	Vertical	Pass
4	7323.000	54.14	-6.78	74.0	19.86	Peak	144.00	150	Vertical	Pass
4**	7323.000	48.71	-6.78	54.0	5.29	AV	144.00	150	Vertical	Pass
5	7821.000	52.55	-6.41	74.0	21.45	Peak	288.00	150	Vertical	Pass
5**	7821.000	42.67	-6.41	54.0	11.33	AV	288.00	150	Vertical	Pass
6	17928.499	53.39	1.53	74.0	20.61	Peak	360.00	150	Vertical	Pass
6**	17928.499	44.50	1.53	54.0	9.50	AV	360.00	150	Vertical	Pass

GFSK-CH78 2480MHz (Non-Hopping)

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2284.142	40.43	-19.45	74.0	33.57	Peak	216.00	150	Vertical	Pass
1**	2284.142	31.35	-19.45	54.0	22.65	AV	216.00	150	Vertical	Pass
2	4771.000	49.03	-10.54	74.0	24.97	Peak	180.00	150	Vertical	Pass
2**	4771.000	40.60	-10.54	54.0	13.40	AV	180.00	150	Vertical	Pass
3	4959.750	44.69	-10.88	74.0	29.31	Peak	180.00	150	Vertical	Pass
3**	4959.750	39.01	-10.88	54.0	14.99	AV	180.00	150	Vertical	Pass
4	7439.750	52.92	-6.77	74.0	21.08	Peak	72.00	150	Vertical	Pass
4**	7439.750	49.13	-6.77	54.0	4.87	AV	72.00	150	Vertical	Pass
5	7936.500	52.67	-5.98	74.0	21.33	Peak	36.00	150	Vertical	Pass
5**	7936.500	43.21	-5.98	54.0	10.79	AV	36.00	150	Vertical	Pass
6	17927.000	52.40	1.41	74.0	21.60	Peak	36.00	150	Vertical	Pass
6**	17927.000	44.39	1.41	54.0	9.61	AV	36.00	150	Vertical	Pass

GFSK-CH78 2480MHz (Non-Hopping)

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.094	46.75	-19.28	74.0	27.25	Peak	108.00	150	Horizontal	Pass
1**	2388.094	36.41	-19.28	54.0	17.59	AV	108.00	150	Horizontal	Pass
2	4831.000	49.02	-10.90	74.0	24.98	Peak	36.00	150	Horizontal	Pass
2**	4831.000	39.16	-10.90	54.0	14.84	AV	36.00	150	Horizontal	Pass
3	4959.750	45.98	-10.88	74.0	28.02	Peak	252.00	150	Horizontal	Pass
3**	4959.750	38.52	-10.88	54.0	15.48	AV	252.00	150	Horizontal	Pass
4	7439.750	49.94	-6.77	74.0	24.06	Peak	72.00	150	Horizontal	Pass
4**	7439.750	44.26	-6.77	54.0	9.74	AV	72.00	150	Horizontal	Pass
5	7652.000	52.36	-6.45	74.0	21.64	Peak	72.00	150	Horizontal	Pass
5**	7652.000	42.22	-6.45	54.0	11.78	AV	72.00	150	Horizontal	Pass
6	17932.501	52.57	1.62	74.0	21.43	Peak	72.00	150	Horizontal	Pass
6**	17932.501	44.18	1.62	54.0	9.82	AV	72.00	150	Horizontal	Pass

Radiated Emissions Above 1GHz - $\pi/4$ -DQPSK

$\pi/4$ -DQPSK-CH00 2402MHz (Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.194	46.67	-19.28	74.0	27.33	Peak	216.00	150	Horizontal	Pass
1**	2388.194	37.12	-19.28	54.0	16.88	AV	216.00	150	Horizontal	Pass
2	4717.750	49.32	-10.90	74.0	24.68	Peak	216.00	150	Horizontal	Pass
2**	4717.750	38.88	-10.90	54.0	15.12	AV	216.00	150	Horizontal	Pass
3	4804.000	45.67	-11.07	74.0	28.33	Peak	288.00	150	Horizontal	Pass
3**	4804.000	38.74	-11.07	54.0	15.26	AV	288.00	150	Horizontal	Pass
4	7205.750	51.07	-6.87	74.0	22.93	Peak	216.00	150	Horizontal	Pass
4**	7205.750	44.25	-6.87	54.0	9.75	AV	216.00	150	Horizontal	Pass
5	7715.250	52.26	-6.33	74.0	21.74	Peak	252.00	150	Horizontal	Pass
5**	7715.250	42.83	-6.33	54.0	11.17	AV	252.00	150	Horizontal	Pass
6	17871.999	52.30	1.18	74.0	21.70	Peak	144.00	150	Horizontal	Pass
6**	17871.999	43.46	1.18	54.0	10.54	AV	144.00	150	Horizontal	Pass

$\pi/4$ -DQPSK-CH00 2402MHz (Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2317.158	40.80	-19.58	74.0	33.20	Peak	288.00	150	Vertical	Pass
1**	2317.158	31.31	-19.58	54.0	22.69	AV	288.00	150	Vertical	Pass
2	4782.250	49.02	-10.49	74.0	24.98	Peak	108.00	150	Vertical	Pass
2**	4782.250	40.36	-10.49	54.0	13.64	AV	108.00	150	Vertical	Pass
3	4804.000	44.67	-11.07	74.0	29.33	Peak	180.00	150	Vertical	Pass
3**	4804.000	39.47	-11.07	54.0	14.53	AV	180.00	150	Vertical	Pass
4	7205.750	54.86	-6.87	74.0	19.14	Peak	360.00	150	Vertical	Pass
4**	7205.750	49.80	-6.87	54.0	4.20	AV	360.00	150	Vertical	Pass
5	7819.000	52.48	-6.47	74.0	21.52	Peak	108.00	150	Vertical	Pass
5**	7819.000	41.89	-6.47	54.0	12.11	AV	108.00	150	Vertical	Pass
6	17935.499	52.96	1.59	74.0	21.04	Peak	288.00	150	Vertical	Pass
6**	17935.499	44.21	1.59	54.0	9.79	AV	288.00	150	Vertical	Pass

$\pi/4$ -DQPSK-CH39 2441MHz (Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2238.719	41.31	-19.74	74.0	32.69	Peak	108.00	150	Vertical	Pass
1**	2238.719	30.99	-19.74	54.0	23.01	AV	108.00	150	Vertical	Pass
2	4795.250	48.18	-10.85	74.0	25.82	Peak	360.00	150	Vertical	Pass
2**	4795.250	38.74	-10.85	54.0	15.26	AV	360.00	150	Vertical	Pass
3	4882.000	45.28	-10.72	74.0	28.72	Peak	252.00	150	Vertical	Pass
3**	4882.000	39.61	-10.72	54.0	14.39	AV	252.00	150	Vertical	Pass
4	7323.000	51.92	-6.78	74.0	22.08	Peak	360.00	150	Vertical	Pass
4**	7323.000	46.56	-6.78	54.0	7.44	AV	360.00	150	Vertical	Pass
5	7631.000	52.70	-6.63	74.0	21.30	Peak	108.00	150	Vertical	Pass
5**	7631.000	44.22	-6.63	54.0	9.78	AV	108.00	150	Vertical	Pass
6	17929.001	53.55	1.57	74.0	20.45	Peak	288.00	150	Vertical	Pass
6**	17929.001	43.83	1.57	54.0	10.17	AV	288.00	150	Vertical	Pass

$\pi/4$ -DQPSK-CH39 2441MHz (Non-Hopping)

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.894	47.02	-19.28	74.0	26.98	Peak	216.00	150	Horizontal	Pass
1**	2387.894	36.52	-19.28	54.0	17.48	AV	216.00	150	Horizontal	Pass
2	4297.750	49.12	-12.89	74.0	24.88	Peak	180.00	150	Horizontal	Pass
2**	4297.750	38.95	-12.89	54.0	15.05	AV	180.00	150	Horizontal	Pass
3	4882.000	46.58	-10.72	74.0	27.42	Peak	108.00	150	Horizontal	Pass
3**	4882.000	38.38	-10.72	54.0	15.62	AV	108.00	150	Horizontal	Pass
4	7323.000	49.63	-6.78	74.0	24.37	Peak	36.00	150	Horizontal	Pass
4**	7323.000	44.22	-6.78	54.0	9.78	AV	36.00	150	Horizontal	Pass
5	7722.000	53.10	-6.30	74.0	20.90	Peak	360.00	150	Horizontal	Pass
5**	7722.000	42.67	-6.30	54.0	11.33	AV	360.00	150	Horizontal	Pass
6	17932.501	53.84	1.62	74.0	20.16	Peak	216.00	150	Horizontal	Pass
6**	17932.501	44.03	1.62	54.0	9.97	AV	216.00	150	Horizontal	Pass

 $\pi/4$ -DQPSK-CH78 2480MHz (Non-Hopping)

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.994	46.04	-19.28	74.0	27.96	Peak	324.00	150	Horizontal	Pass
1**	2388.994	35.57	-19.28	54.0	18.43	AV	324.00	150	Horizontal	Pass
2	4783.250	49.09	-10.50	74.0	24.91	Peak	72.00	150	Horizontal	Pass
2**	4783.250	40.09	-10.50	54.0	13.91	AV	72.00	150	Horizontal	Pass
3	4959.750	45.72	-10.88	74.0	28.28	Peak	36.00	150	Horizontal	Pass
3**	4959.750	38.69	-10.88	54.0	15.31	AV	36.00	150	Horizontal	Pass
4	7439.750	50.36	-6.77	74.0	23.64	Peak	360.00	150	Horizontal	Pass
4**	7439.750	44.14	-6.77	54.0	9.86	AV	360.00	150	Horizontal	Pass
5	7650.750	52.32	-6.47	74.0	21.68	Peak	108.00	150	Horizontal	Pass
5**	7650.750	42.70	-6.47	54.0	11.30	AV	108.00	150	Horizontal	Pass
6	17945.500	52.89	1.30	74.0	21.11	Peak	216.00	150	Horizontal	Pass
6**	17945.500	43.34	1.30	54.0	10.66	AV	216.00	150	Horizontal	Pass

 $\pi/4$ -DQPSK-CH78 2480MHz (Non-Hopping)

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2257.628	40.40	-19.51	74.0	33.60	Peak	288.00	150	Vertical	Pass
1**	2257.628	30.85	-19.51	54.0	23.15	AV	288.00	150	Vertical	Pass
2	4753.750	48.42	-10.45	74.0	25.58	Peak	216.00	150	Vertical	Pass
2**	4753.750	39.45	-10.45	54.0	14.55	AV	216.00	150	Vertical	Pass
3	4959.750	46.63	-10.88	74.0	27.37	Peak	180.00	150	Vertical	Pass
3**	4959.750	39.40	-10.88	54.0	14.60	AV	180.00	150	Vertical	Pass
4	7439.750	52.89	-6.77	74.0	21.11	Peak	180.00	150	Vertical	Pass
4**	7439.750	47.86	-6.77	54.0	6.14	AV	180.00	150	Vertical	Pass
5	7772.500	52.35	-6.32	74.0	21.65	Peak	36.00	150	Vertical	Pass
5**	7772.500	42.61	-6.32	54.0	11.39	AV	36.00	150	Vertical	Pass
6	17929.501	52.98	1.61	74.0	21.02	Peak	72.00	150	Vertical	Pass
6**	17929.501	44.15	1.61	54.0	9.85	AV	72.00	150	Vertical	Pass

Radiated Emissions Above 1GHz - 8-DPSK

8-DPSK-CH00 2402MHz (Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2244.822	40.70	-19.70	74.0	33.30	Peak	216.00	150	Vertical	Pass
1**	2244.822	31.02	-19.70	54.0	22.98	AV	216.00	150	Vertical	Pass
2	4782.750	49.11	-10.50	74.0	24.89	Peak	144.00	150	Vertical	Pass
2**	4782.750	40.08	-10.50	54.0	13.92	AV	144.00	150	Vertical	Pass
3	4804.000	45.71	-11.07	74.0	28.29	Peak	360.00	150	Vertical	Pass
3**	4804.000	39.15	-11.07	54.0	14.85	AV	360.00	150	Vertical	Pass
4	7205.750	55.46	-6.87	74.0	18.54	Peak	216.00	150	Vertical	Pass
4**	7205.750	50.32	-6.87	54.0	3.68	AV	216.00	150	Vertical	Pass
5	7976.250	52.70	-6.32	74.0	21.30	Peak	288.00	150	Vertical	Pass
5**	7976.250	42.26	-6.32	54.0	11.74	AV	288.00	150	Vertical	Pass
6	17931.500	52.51	1.63	74.0	21.49	Peak	216.00	150	Vertical	Pass
6**	17931.500	45.47	1.63	54.0	8.53	AV	216.00	150	Vertical	Pass

8-DPSK-CH00 2402MHz (Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.894	46.45	-19.28	74.0	27.55	Peak	288.00	150	Horizontal	Pass
1**	2387.894	35.82	-19.28	54.0	18.18	AV	288.00	150	Horizontal	Pass
2	4315.750	48.49	-12.32	74.0	25.51	Peak	216.00	150	Horizontal	Pass
2**	4315.750	39.60	-12.32	54.0	14.40	AV	216.00	150	Horizontal	Pass
3	4804.000	45.32	-11.07	74.0	28.68	Peak	288.00	150	Horizontal	Pass
3**	4804.000	39.62	-11.07	54.0	14.38	AV	288.00	150	Horizontal	Pass
4	7205.750	50.64	-6.87	74.0	23.36	Peak	288.00	150	Horizontal	Pass
4**	7205.750	43.97	-6.87	54.0	10.03	AV	288.00	150	Horizontal	Pass
5	7788.500	53.07	-6.27	74.0	20.93	Peak	72.00	150	Horizontal	Pass
5**	7788.500	42.47	-6.27	54.0	11.53	AV	72.00	150	Horizontal	Pass
6	17930.000	53.27	1.65	74.0	20.73	Peak	72.00	150	Horizontal	Pass
6**	17930.000	44.64	1.65	54.0	9.36	AV	72.00	150	Horizontal	Pass

8-DPSK-CH39 2441MHz (Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.294	46.30	-19.28	74.0	27.70	Peak	180.00	150	Horizontal	Pass
1**	2388.294	36.28	-19.28	54.0	17.72	AV	180.00	150	Horizontal	Pass
2	4765.500	49.28	-10.55	74.0	24.72	Peak	72.00	150	Horizontal	Pass
2**	4765.500	39.93	-10.55	54.0	14.07	AV	72.00	150	Horizontal	Pass
3	4882.000	45.91	-10.72	74.0	28.09	Peak	72.00	150	Horizontal	Pass
3**	4882.000	39.14	-10.72	54.0	14.86	AV	72.00	150	Horizontal	Pass
4	7323.000	49.94	-6.78	74.0	24.06	Peak	360.00	150	Horizontal	Pass
4**	7323.000	44.43	-6.78	54.0	9.57	AV	360.00	150	Horizontal	Pass
5	7922.250	52.56	-6.15	74.0	21.44	Peak	144.00	150	Horizontal	Pass
5**	7922.250	42.33	-6.15	54.0	11.67	AV	144.00	150	Horizontal	Pass
6	17485.500	53.21	1.26	74.0	20.79	Peak	324.00	150	Horizontal	Pass
6**	17485.500	42.92	1.26	54.0	11.08	AV	324.00	150	Horizontal	Pass

8-DPSK-CH39 2441MHz (Non-Hopping)

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2244.722	40.74	-19.70	74.0	33.26	Peak	144.00	150	Vertical	Pass
1**	2244.722	31.74	-19.70	54.0	22.26	AV	144.00	150	Vertical	Pass
2	4754.750	48.39	-10.47	74.0	25.61	Peak	360.00	150	Vertical	Pass
2**	4754.750	39.32	-10.47	54.0	14.68	AV	360.00	150	Vertical	Pass
3	4882.000	46.76	-10.72	74.0	27.24	Peak	180.00	150	Vertical	Pass
3**	4882.000	38.87	-10.72	54.0	15.13	AV	180.00	150	Vertical	Pass
4	7323.000	53.23	-6.78	74.0	20.77	Peak	36.00	150	Vertical	Pass
4**	7323.000	47.78	-6.78	54.0	6.22	AV	36.00	150	Vertical	Pass
5	7990.250	52.68	-6.22	74.0	21.32	Peak	360.00	150	Vertical	Pass
5**	7990.250	43.33	-6.22	54.0	10.67	AV	360.00	150	Vertical	Pass
6	17802.000	52.34	0.46	74.0	21.66	Peak	108.00	150	Vertical	Pass
6**	17802.000	42.33	0.46	54.0	11.67	AV	108.00	150	Vertical	Pass

8-DPSK-CH78 2480MHz (Non-Hopping)

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2393.196	41.40	-19.29	74.0	32.60	Peak	72.00	150	Vertical	Pass
1**	2393.196	31.83	-19.29	54.0	22.17	AV	72.00	150	Vertical	Pass
2	4715.000	48.78	-10.93	74.0	25.22	Peak	360.00	150	Vertical	Pass
2**	4715.000	40.28	-10.93	54.0	13.72	AV	360.00	150	Vertical	Pass
3	4959.750	46.55	-10.88	74.0	27.45	Peak	36.00	150	Vertical	Pass
3**	4959.750	39.37	-10.88	54.0	14.63	AV	36.00	150	Vertical	Pass
4	7439.750	53.15	-6.77	74.0	20.85	Peak	108.00	150	Vertical	Pass
4**	7439.750	47.45	-6.77	54.0	6.55	AV	108.00	150	Vertical	Pass
5	7694.000	52.31	-6.47	74.0	21.69	Peak	360.00	150	Vertical	Pass
5**	7694.000	42.68	-6.47	54.0	11.32	AV	360.00	150	Vertical	Pass
6	17937.500	52.73	1.56	74.0	21.27	Peak	36.00	150	Vertical	Pass
6**	17937.500	44.69	1.56	54.0	9.31	AV	36.00	150	Vertical	Pass

8-DPSK-CH78 2480MHz (Non-Hopping)

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.894	46.20	-19.28	74.0	27.80	Peak	108.00	150	Horizontal	Pass
1**	2387.894	34.53	-19.28	54.0	19.47	AV	108.00	150	Horizontal	Pass
2	4779.750	49.70	-10.48	74.0	24.30	Peak	144.00	150	Horizontal	Pass
2**	4779.750	39.31	-10.48	54.0	14.69	AV	144.00	150	Horizontal	Pass
3	4959.750	44.64	-10.88	74.0	29.36	Peak	108.00	150	Horizontal	Pass
3**	4959.750	39.01	-10.88	54.0	14.99	AV	108.00	150	Horizontal	Pass
4	7439.750	50.84	-6.77	74.0	23.16	Peak	360.00	150	Horizontal	Pass
4**	7439.750	43.13	-6.77	54.0	10.87	AV	360.00	150	Horizontal	Pass
5	7891.750	52.70	-6.07	74.0	21.30	Peak	324.00	150	Horizontal	Pass
5**	7891.750	44.11	-6.07	54.0	9.89	AV	324.00	150	Horizontal	Pass
6	17938.000	53.15	1.55	74.0	20.85	Peak	252.00	150	Horizontal	Pass
6**	17938.000	44.36	1.55	54.0	9.64	AV	252.00	150	Horizontal	Pass

Note:

1. Results (dBuV/m) = Raw Value (dBuV) + Factor (dB/m)
2. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - Pre-amplifier
3. Margin value = Limit - Results.

Radiated Band Edge – GFSK (Non-Hopping)

GFSK-CH00 2402MHz-Low Band Edge-(Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.375	50.86	-19.55	74.0	23.14	Peak	100.50	150	Horizontal	Pass
1**	2388.375	37.37	-19.55	54.0	16.63	AV	100.50	150	Horizontal	Pass
2	2389.970	49.17	-19.56	74.0	24.83	Peak	108.50	150	Horizontal	Pass
2**	2389.970	36.44	-19.56	54.0	17.56	AV	108.50	150	Horizontal	Pass
3	2399.980	49.79	-19.64	74.0	24.21	Peak	122.10	150	Horizontal	Pass
3**	2399.980	37.38	-19.64	54.0	16.62	AV	122.10	150	Horizontal	Pass

GFSK-CH00 2402MHz-Low Band Edge-(Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2343.330	42.49	-19.65	74.0	31.51	Peak	109.30	150	Vertical	Pass
1**	2343.330	30.31	-19.65	54.0	23.69	AV	109.30	150	Vertical	Pass
2	2389.970	41.07	-19.56	74.0	32.93	Peak	16.30	150	Vertical	Pass
2**	2389.970	30.36	-19.56	54.0	23.64	AV	16.30	150	Vertical	Pass
3	2399.980	41.05	-19.64	74.0	32.95	Peak	21.30	150	Vertical	Pass
3**	2399.980	30.63	-19.64	54.0	23.37	AV	21.30	150	Vertical	Pass

GFSK-CH78 2480MHz-High Band Edge-(Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.485	40.34	-19.50	74.0	33.66	Peak	0.00	150	Vertical	Pass
1**	2483.485	30.37	-19.50	54.0	23.63	AV	0.00	150	Vertical	Pass
2	2487.595	42.44	-19.50	74.0	31.56	Peak	359.00	150	Vertical	Pass
2**	2487.595	30.43	-19.50	54.0	23.57	AV	359.00	150	Vertical	Pass
3	2498.305	42.61	-19.47	74.0	31.39	Peak	2.70	150	Vertical	Pass
3**	2498.305	30.72	-19.47	54.0	23.28	AV	2.70	150	Vertical	Pass

GFSK-CH78 2480MHz-High Band Edge-(Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.485	40.17	-19.50	74.0	33.83	Peak	35.40	150	Horizontal	Pass
1**	2483.485	30.31	-19.50	54.0	23.69	AV	35.40	150	Horizontal	Pass
2	2484.340	41.98	-19.50	74.0	32.02	Peak	88.40	150	Horizontal	Pass
2**	2484.340	30.45	-19.50	54.0	23.55	AV	88.40	150	Horizontal	Pass
3	2492.500	42.34	-19.50	74.0	31.66	Peak	120.60	150	Horizontal	Pass
3**	2492.500	30.92	-19.50	54.0	23.08	AV	120.60	150	Horizontal	Pass

Radiated Band Edge – $\pi/4$ -DQPSK (Non-Hopping)

$\pi/4$ -DQPSK-CH00 2402MHz-Low Band Edge-(Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.990	50.59	-19.55	74.0	23.41	Peak	105.30	150	Horizontal	Pass
1**	2387.990	37.07	-19.55	54.0	16.93	AV	105.30	150	Horizontal	Pass
2	2389.970	50.13	-19.56	74.0	23.87	Peak	108.50	150	Horizontal	Pass
2**	2389.970	36.53	-19.56	54.0	17.47	AV	108.50	150	Horizontal	Pass
3	2399.980	49.57	-19.64	74.0	24.43	Peak	116.50	150	Horizontal	Pass
3**	2399.980	37.64	-19.64	54.0	16.36	AV	116.50	150	Horizontal	Pass

$\pi/4$ -DQPSK-CH002402MHz-Low Band Edge-(Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.870	43.16	-19.55	74.0	30.84	Peak	291.70	150	Vertical	Pass
1**	2388.870	30.35	-19.55	54.0	23.65	AV	291.70	150	Vertical	Pass
2	2389.970	40.06	-19.56	74.0	33.94	Peak	339.90	150	Vertical	Pass
2**	2389.970	30.69	-19.56	54.0	23.31	AV	339.90	150	Vertical	Pass
3	2399.980	40.99	-19.64	74.0	33.01	Peak	24.20	150	Vertical	Pass
3**	2399.980	30.46	-19.64	54.0	23.54	AV	24.20	150	Vertical	Pass

$\pi/4$ -DQPSK-CH78 2480MHz-High Band Edge-(Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.485	39.52	-19.50	74.0	34.48	Peak	356.10	150	Vertical	Pass
1**	2483.485	30.59	-19.50	54.0	23.41	AV	356.10	150	Vertical	Pass
2	2489.155	41.93	-19.51	74.0	32.07	Peak	161.50	150	Vertical	Pass
2**	2489.155	30.55	-19.51	54.0	23.45	AV	161.50	150	Vertical	Pass
3	2499.205	43.35	-19.47	74.0	30.65	Peak	151.10	150	Vertical	Pass
3**	2499.205	30.82	-19.47	54.0	23.18	AV	151.10	150	Vertical	Pass

$\pi/4$ -DQPSK-CH78 2480MHz-High Band Edge-(Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.485	39.95	-19.50	74.0	34.05	Peak	289.30	150	Horizontal	Pass
1**	2483.485	30.39	-19.50	54.0	23.61	AV	289.30	150	Horizontal	Pass
2	2488.150	41.97	-19.50	74.0	32.03	Peak	294.90	150	Horizontal	Pass
2**	2488.150	30.68	-19.50	54.0	23.32	AV	294.90	150	Horizontal	Pass
3	2494.615	42.99	-19.49	74.0	31.01	Peak	188.10	150	Horizontal	Pass
3**	2494.615	30.38	-19.49	54.0	23.62	AV	188.10	150	Horizontal	Pass

Radiated Band Edge – 8-DPSK (Non-Hopping)

8-DPSK-CH00 2402MHz-Low Band Edge-(Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.210	50.81	-19.55	74.0	23.19	Peak	108.50	150	Horizontal	Pass
1**	2388.210	37.89	-19.55	54.0	16.11	AV	108.50	150	Horizontal	Pass
2	2389.970	49.72	-19.56	74.0	24.28	Peak	110.90	150	Horizontal	Pass
2**	2389.970	36.72	-19.56	54.0	17.28	AV	110.90	150	Horizontal	Pass
3	2399.980	49.61	-19.64	74.0	24.39	Peak	108.50	150	Horizontal	Pass
3**	2399.980	37.75	-19.64	54.0	16.25	AV	108.50	150	Horizontal	Pass

8-DPSK-CH00 2402MHz-Low Band Edge-(Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.375	43.25	-19.55	74.0	30.75	Peak	289.30	150	Vertical	Pass
1**	2388.375	30.48	-19.55	54.0	23.52	AV	289.30	150	Vertical	Pass
2	2389.970	40.22	-19.56	74.0	33.78	Peak	139.90	150	Vertical	Pass
2**	2389.970	30.48	-19.56	54.0	23.52	AV	139.90	150	Vertical	Pass
3	2399.980	41.05	-19.64	74.0	32.95	Peak	302.90	150	Vertical	Pass
3**	2399.980	30.97	-19.64	54.0	23.03	AV	302.90	150	Vertical	Pass

8-DPSK-CH78 2480MHz-High Band Edge-(Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.485	40.69	-19.50	74.0	33.31	Peak	220.90	150	Vertical	Pass
1**	2483.485	30.64	-19.50	54.0	23.36	AV	220.90	150	Vertical	Pass
2	2487.820	41.90	-19.50	74.0	32.10	Peak	114.10	150	Vertical	Pass
2**	2487.820	30.75	-19.50	54.0	23.25	AV	114.10	150	Vertical	Pass
3	2498.065	42.69	-19.47	74.0	31.31	Peak	119.70	150	Vertical	Pass
3**	2498.065	30.58	-19.47	54.0	23.42	AV	119.70	150	Vertical	Pass

8-DPSK-CH78 2480MHz-High Band Edge-(Non-Hopping)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.485	39.96	-19.50	74.0	34.04	Peak	64.40	150	Horizontal	Pass
1**	2483.485	30.54	-19.50	54.0	23.46	AV	64.40	150	Horizontal	Pass
2	2484.340	42.11	-19.50	74.0	31.89	Peak	1.70	150	Horizontal	Pass
2**	2484.340	30.30	-19.50	54.0	23.70	AV	1.70	150	Horizontal	Pass
3	2498.395	41.97	-19.47	74.0	32.03	Peak	357.40	150	Horizontal	Pass
3**	2498.395	30.54	-19.47	54.0	23.46	AV	357.40	150	Horizontal	Pass

Radiated Band Edge – GFSK (Hopping On)

GFSK-Low Band Edge-(Hopping On)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.210	51.18	-19.55	74.0	22.82	Peak	105.30	150	Horizontal	Pass
1**	2388.210	37.90	-19.55	54.0	16.10	AV	105.30	150	Horizontal	Pass
2	2389.970	49.72	-19.56	74.0	24.28	Peak	121.30	150	Horizontal	Pass
2**	2389.970	36.93	-19.56	54.0	17.07	AV	121.30	150	Horizontal	Pass
3	2399.980	49.39	-19.64	74.0	24.61	Peak	121.30	150	Horizontal	Pass
3**	2399.980	37.24	-19.64	54.0	16.76	AV	121.30	150	Horizontal	Pass

GFSK-Low Band Edge-(Hopping On)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.475	42.54	-19.55	74.0	31.46	Peak	195.30	150	Vertical	Pass
1**	2389.475	30.23	-19.55	54.0	23.77	AV	195.30	150	Vertical	Pass
2	2389.970	41.21	-19.56	74.0	32.79	Peak	24.20	150	Vertical	Pass
2**	2389.970	30.54	-19.56	54.0	23.46	AV	24.20	150	Vertical	Pass
3	2399.980	40.38	-19.64	74.0	33.62	Peak	289.30	150	Vertical	Pass
3**	2399.980	30.31	-19.64	54.0	23.69	AV	289.30	150	Vertical	Pass

GFSK-High Band Edge-(Hopping On)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.485	40.04	-19.50	74.0	33.96	Peak	114.10	150	Vertical	Pass
1**	2483.485	30.54	-19.50	54.0	23.46	AV	114.10	150	Vertical	Pass
2	2487.430	42.51	-19.50	74.0	31.49	Peak	6.70	150	Vertical	Pass
2**	2487.430	30.38	-19.50	54.0	23.62	AV	6.70	150	Vertical	Pass
3	2490.085	42.25	-19.51	74.0	31.75	Peak	353.10	150	Vertical	Pass
3**	2490.085	30.49	-19.51	54.0	23.51	AV	353.10	150	Vertical	Pass

GFSK-High Band Edge-(Hopping On)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.485	40.38	-19.50	74.0	33.62	Peak	311.00	150	Horizontal	Pass
1**	2483.485	30.35	-19.50	54.0	23.65	AV	311.00	150	Horizontal	Pass
2	2484.865	42.62	-19.50	74.0	31.38	Peak	1.00	150	Horizontal	Pass
2**	2484.865	30.89	-19.50	54.0	23.11	AV	1.00	150	Horizontal	Pass
3	2490.355	42.43	-19.51	74.0	31.57	Peak	91.70	150	Horizontal	Pass
3**	2490.355	30.38	-19.51	54.0	23.62	AV	91.70	150	Horizontal	Pass

Radiated Band Edge – $\pi/4$ -DQPSK (Hopping On)

$\pi/4$ -DQPSK-Low Band Edge-(Hopping On)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.265	51.14	-19.55	74.0	22.86	Peak	100.50	150	Horizontal	Pass
1**	2388.265	37.76	-19.55	54.0	16.24	AV	100.50	150	Horizontal	Pass
2	2389.970	49.58	-19.56	74.0	24.42	Peak	105.30	150	Horizontal	Pass
2**	2389.970	36.65	-19.56	54.0	17.35	AV	105.30	150	Horizontal	Pass
3	2399.980	50.50	-19.64	74.0	23.50	Peak	113.30	150	Horizontal	Pass
3**	2399.980	37.91	-19.64	54.0	16.09	AV	113.30	150	Horizontal	Pass

$\pi/4$ -DQPSK-Low Band Edge-(Hopping On)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.925	42.62	-19.55	74.0	31.38	Peak	15.30	150	Vertical	Pass
1**	2388.925	30.20	-19.55	54.0	23.80	AV	15.30	150	Vertical	Pass
2	2389.970	41.45	-19.56	74.0	32.55	Peak	291.70	150	Vertical	Pass
2**	2389.970	30.24	-19.56	54.0	23.76	AV	291.70	150	Vertical	Pass
3	2399.980	40.84	-19.64	74.0	33.16	Peak	118.20	150	Vertical	Pass
3**	2399.980	30.32	-19.64	54.0	23.68	AV	118.20	150	Vertical	Pass

$\pi/4$ -DQPSK-High Band Edge-(Hopping On)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.485	40.85	-19.50	74.0	33.15	Peak	110.90	150	Vertical	Pass
1**	2483.485	30.51	-19.50	54.0	23.49	AV	110.90	150	Vertical	Pass
2	2489.410	41.81	-19.51	74.0	32.19	Peak	140.60	150	Vertical	Pass
2**	2489.410	30.60	-19.51	54.0	23.40	AV	140.60	150	Vertical	Pass
3	2493.520	42.28	-19.49	74.0	31.72	Peak	231.40	150	Vertical	Pass
3**	2493.520	30.41	-19.49	54.0	23.59	AV	231.40	150	Vertical	Pass

$\pi/4$ -DQPSK-High Band Edge-(Hopping On)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.485	39.64	-19.50	74.0	34.36	Peak	29.80	150	Horizontal	Pass
1**	2483.485	30.44	-19.50	54.0	23.56	AV	29.80	150	Horizontal	Pass
2	2483.605	42.08	-19.50	74.0	31.92	Peak	88.50	150	Horizontal	Pass
2**	2483.605	30.45	-19.50	54.0	23.55	AV	88.50	150	Horizontal	Pass
3	2497.585	42.35	-19.47	74.0	31.65	Peak	305.30	150	Horizontal	Pass
3**	2497.585	30.63	-19.47	54.0	23.37	AV	305.30	150	Horizontal	Pass

Radiated Band Edge – 8-DPSK (Hopping On)

8-DPSK-Low Band Edge-(Hopping On)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.155	50.58	-19.55	74.0	23.42	Peak	113.30	150	Horizontal	Pass
1**	2388.155	37.06	-19.55	54.0	16.94	AV	113.30	150	Horizontal	Pass
2	2389.970	49.98	-19.56	74.0	24.02	Peak	107.70	150	Horizontal	Pass
2**	2389.970	36.64	-19.56	54.0	17.36	AV	107.70	150	Horizontal	Pass
3	2399.980	49.42	-19.64	74.0	24.58	Peak	102.90	150	Horizontal	Pass
3**	2399.980	37.51	-19.64	54.0	16.49	AV	102.90	150	Horizontal	Pass

8-DPSK-Low Band Edge-(Hopping On)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.935	42.40	-19.55	74.0	31.60	Peak	294.90	150	Vertical	Pass
1**	2387.935	30.52	-19.55	54.0	23.48	AV	294.90	150	Vertical	Pass
2	2389.970	41.88	-19.56	74.0	32.12	Peak	286.90	150	Vertical	Pass
2**	2389.970	30.15	-19.56	54.0	23.85	AV	286.90	150	Vertical	Pass
3	2399.980	40.73	-19.64	74.0	33.27	Peak	289.30	150	Vertical	Pass
3**	2399.980	30.42	-19.64	54.0	23.58	AV	289.30	150	Vertical	Pass

8-DPSK-High Band Edge-(Hopping On)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.485	39.69	-19.50	74.0	34.31	Peak	4.80	150	Vertical	Pass
1**	2483.485	30.66	-19.50	54.0	23.34	AV	4.80	150	Vertical	Pass
2	2488.270	41.52	-19.50	74.0	32.48	Peak	359.50	150	Vertical	Pass
2**	2488.270	30.46	-19.50	54.0	23.54	AV	359.50	150	Vertical	Pass
3	2495.245	42.43	-19.48	74.0	31.57	Peak	146.20	150	Vertical	Pass
3**	2495.245	30.60	-19.48	54.0	23.40	AV	146.20	150	Vertical	Pass

8-DPSK-High Band Edge-(Hopping On)										
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.485	40.14	-19.50	74.0	33.86	Peak	219.90	150	Horizontal	Pass
1**	2483.485	30.64	-19.50	54.0	23.36	AV	219.90	150	Horizontal	Pass
2	2489.470	41.83	-19.51	74.0	32.17	Peak	200.90	150	Horizontal	Pass
2**	2489.470	30.62	-19.51	54.0	23.38	AV	200.90	150	Horizontal	Pass
3	2496.400	42.38	-19.48	74.0	31.62	Peak	359.90	150	Horizontal	Pass
3**	2496.400	30.56	-19.48	54.0	23.44	AV	359.90	150	Horizontal	Pass

Note:

- Results (dBuV/m) = Raw Value (dBuV) + Factor (dB/m)
- Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - Pre-amplifier
- Margin value = Limit - Results.

11. AC POWER LINE CONDUCTED EMISSIONS

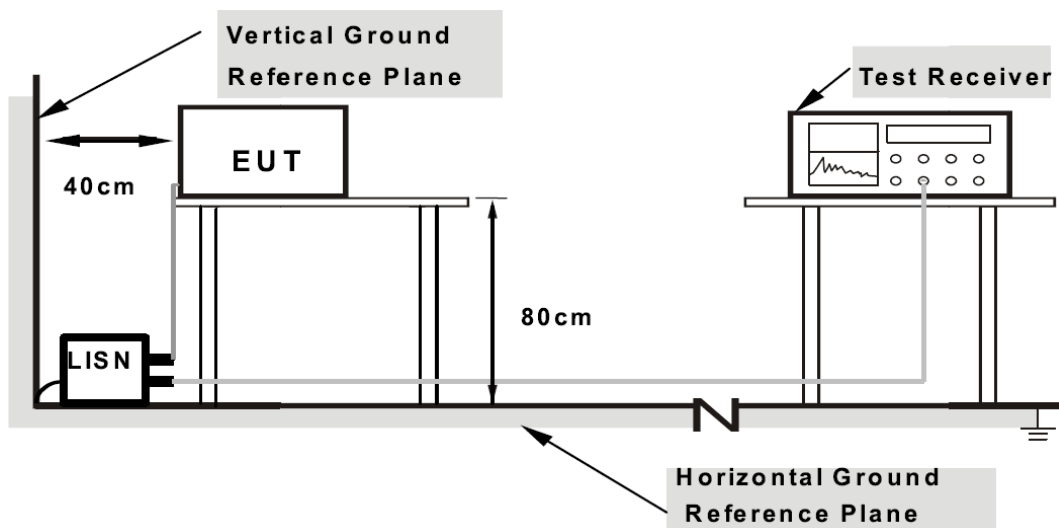
11.1. Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μ V)	Average Level dB(μ V)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Note:

1. * Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

11.2. Test Setup



11.3. Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	9KHz
VBW	30KHz
Start frequency	150KHz
Stop frequency	30MHz
Sweep Time	Auto
Detector	QP/AVG
Trace Mode	Max Hold

11.4. Test Procedure

- a. The EUT was placed on a non-metallic table, 80cm above the ground plane.
- b. The EUT Power connected to the power mains through a line impedance stabilization network.
- c. Provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs).
- d. Set the EUT transmit continuously with maximum output power.
- e. Spectrum analyzer setting parameters in accordance with section 11.3.
- f. The AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.10 on Conducted Emission Test.
- g. It was conducted under both AC 120V/60Hz and AC 240V/50Hz input voltages, there was no significant change in radiation emission. only worse case: 8-DPSK mode with CH78 2480MHz is reported, the test data for all other modes and channels do not exceed the results recorded for this worst-case mode

11.5. Test Conditions

EUT:		M/N:	
Test Voltage:			
Temperature:		Humidity:	
Atmosphere Pressure:			

11.6. Test Result

N/A

12. ANTENNA REQUIREMENTS

12.1. Limit

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. 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. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§15.211, 15.213, 15.217, 15.219, 15.221, or §15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

12.2. Test Result

The antennas used for this product is whip antenna (Connector: SMA-JW), so compliance with antenna requirements. (Please refer to the **Annex B. EUT Internal Photos** for details)

13.APPENDIX

"EUT of External Photos, EUT Internal Photos & Test Setup Photos" Please refer to the Annex A, Annex B& Annex C document.

CTSL2610730335E Annex A. EUT External Photos

CTSL2610730335E Annex B. EUT Internal Photos

CTSL2610730335E Annex C. Test Setup Photos

-----*End of Test Report*-----