



**FCC 47 CFR PART 15 SUBPART C
ISED RSS-247 ISSUE 2**

CERTIFICATION TEST REPORT

For

YI Home Camera 3

MODEL NUMBER: YYS.2518

PROJECT NUMBER: 4788573770

REPORT NUMBER: 4788573770-1

FCC ID: 2AFIB-YYS2518

IC: 20436-YYS2518

ISSUE DATE: Aug. 15, 2018

Prepared for

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Prepared by

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Revision History

<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
--	8/15/2018	Initial Issue	

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1. ATTESTATION OF TEST RESULTS**Applicant Information**

Company Name: Shanghai Xiaoyi Technology Co., Ltd.
Address: 6F, Building E, No. 2889, Jinke Road Shanghai, China

Manufacturer Information

Company Name: Shanghai Xiaoyi Technology Co., Ltd.
Address: 6F, Building E, No. 2889, Jinke Road Shanghai, China

Factory Information

Company Name: Shanghai Xiaoyi Technology Co., Ltd.
Address: 6F, Building E, No. 2889, Jinke Road Shanghai, China

Company Name: Shanghai Xiaoyi Technology Co., Ltd.
Address: 6F, Building E, No. 2889, Jinke Road Shanghai, China

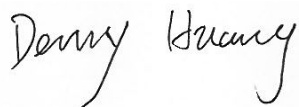
EUT Description

Product Name YI Home Camera 3
Model Name YYS.2518
Sample Number 1698877
Data of Receipt Sample July 11, 2018
Date Tested July 12, 2018~ Aug. 14, 2018

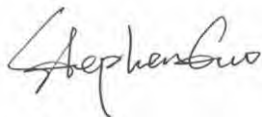
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 Part 15 Subpart C	PASS
ISED RSS-GEN Issue 5	PASS
ISED RSS-247 Issue 2	PASS

Summary of Test Results			
Clause	Test Items	FCC/IC Rules	Test Results
1	6db DTS Bandwidth and 99% Bandwidth	FCC 15.247 (a) (2) RSS-247 Clause 5.2 (a)	Complied
2	Peak Conducted Power	FCC 15.247 (b) (3) RSS-247 Clause 5.4 (e)	Complied
3	Power Spectral Density	FCC 15.247 (e) RSS-247 Clause 5.2 (b)	Complied
4	Conducted Band edge And Spurious emission	FCC 15.247 (d) RSS-247 Clause 5.5	Complied
5	Radiated Band edges and Spurious emission	FCC 15.247 (d) FCC 15.209 FCC 15.205 RSS-247 Clause 5.5 RSS-GEN Clause 8.9	Complied
6	Conducted Emission Test For AC Power Port	FCC 15.207 RSS-GEN Clause 8.8	Complied
7	Antenna Requirement	FCC 15.203 RSS-GEN Clause 6.8	Complied

Tested By:



Denny Huang
Engineer Project Associate
Approved By:



Stephen Guo
Laboratory Manage

Check By:



Shawn Wen
Laboratory Leader

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with FCC KDB 558074 D01 DTS Meas Guidance v05, , 414788 D01 Radiated Test Site v01, ANSI C63.10-2013, FCC CFR 47 Part 2, FCC CFR 47 Part 15, RSS-247 Issue 2, and RSS-GEN Issue5.

3. FACILITIES AND ACCREDITATION

Test Location	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
Address	Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China
Accreditation Certificate	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing. The Certificate Registration Number is 4102.01. UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The Designation Number is CN1187. UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. EMC Laboratory has been registered and fully described in a report filed with Industry Canada. The Company Number is 21320.

Note:

1. All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China
2. The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.
3. For below 30MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30MHz had been correlated to measurements performed on an OATS.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.


4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Uncertainty
Uncertainty for Conduction emission test	2.90dB
Uncertainty for Radiation Emission test(include Fundamental emission) (30MHz-1GHz)	4.52dB
Uncertainty for Radiation Emission test (1GHz to 26GHz)(include Fundamental emission)	5.04dB(1-6GHz)
	5.30dB (6GHz-18Gz)
	5.23dB (18GHz-26Gz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

Product Name:	YI Home Camera 3	
Model No.:	YY5.2518	
Operating Frequency:	IEEE 802.11B SISO/g/n(HT20): 2412MHz to 2462MHz IEEE 802.11n(HT40): 2422MHz to 2452MHz	
Type of Modulation:	IEEE for 802.11B SISO: DSSS (CCK, DQPSK, DBPSK) IEEE for 802.11G SISO: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE for 802.11n (HT20 and HT40): OFDM (64QAM, 16QAM, QPSK, BPSK)	
Channel Number:	IEEE 802.11B SISO/g, IEEE 802.11n(HT20): 11 Channels IEEE 802.11n(HT40): 7 Channels	
Channels Step:	Channels with 5MHz step	
Sample Type:	Fixed production	
Test software of EUT:	Secure CRT (manufacturer declare)	
Antenna Type:	Dipole Antenna	
Antenna Gain:	1 dBi	
Power Supply	Adapter	Model:A18A-050100U-CN2 INPUT:100-240V~50/60Hz Max.0.2A OUTPUT:5.0V  1000mA

5.2. MAXIMUM OUTPUT POWER

Frequency Range (MHz)	Number of Transmit Chains (NTX)	IEE Std. 802.11	Frequency (MHz)	Channel Number	Max PK Conducted Power (dBm)
2412-2462	1	IEEE 802.11B SISO	2412-2462	1-11[11]	23.64
2412-2462	1	IEEE 802.11G SISO	2412-2462	1-11[11]	22.09
2412-2462	1	IEEE 802.11nHT20	2412-2462	1-11[11]	22.76
2422-2452	1	IEEE 802.11nHT40	2422-2452	3-9[7]	21.98

5.3. CHANNEL LIST

Channel List for 802.11B SISO/g/n (20 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	5	2432	9	2452		
2	2417	6	2437	10	2457		
3	2422	7	2442	11	2462		
4	2427	8	2447				

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

5.4. TEST CHANNEL CONFIGURATION

Test Mode	Test Channel (MHz)
IEEE 802.11B SISO	LCH :CH01 2412
	MCH: CH06 2437
	HCH: CH11 2462
IEEE 802.11G SISO	LCH :CH01 2412
	MCH: CH06 2437
	HCH: CH11 2462
IEEE 802.11n HT20	LCH :CH01 2412
	MCH: CH06 2437
	HCH: CH11 2462
IEEE 802.11n HT40	LCH :CH03 2422
	MCH: CH06 2437
	HCH: CH09 2452

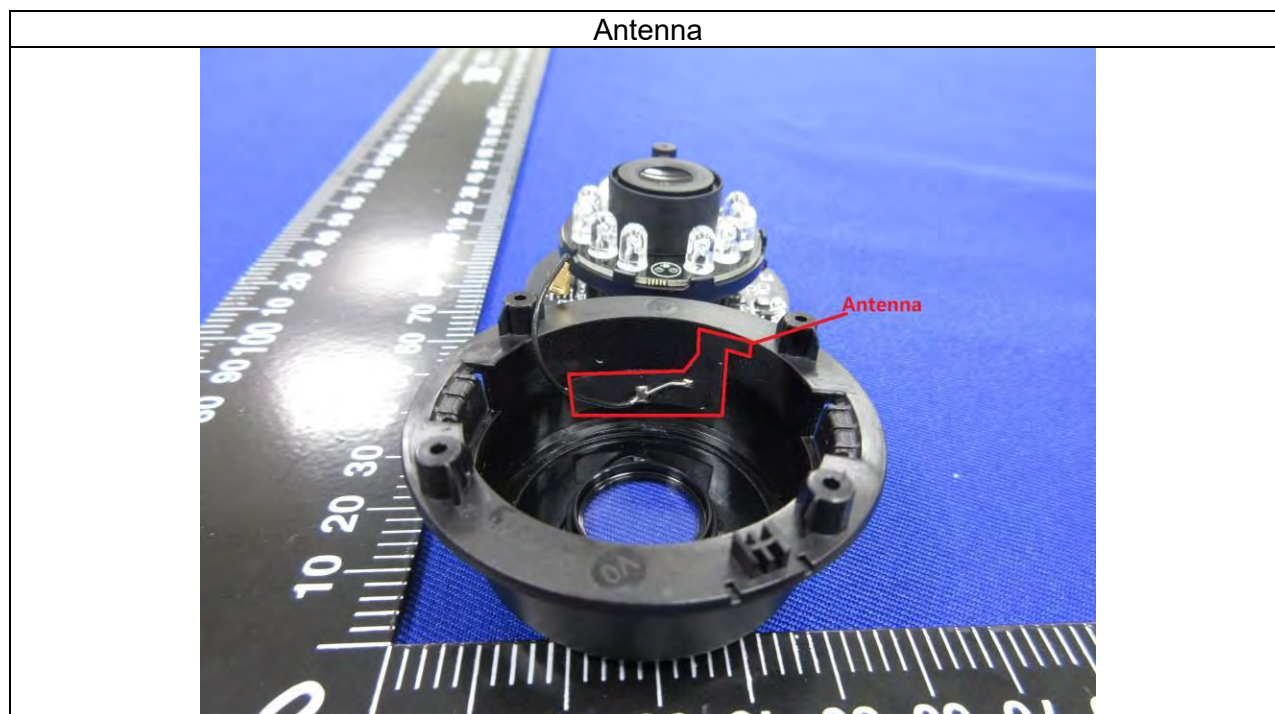
5.5. THE WORSE CASE POWER SETTING PARAMETER

Test Antenna	Test Software Version	SecureCRT		
	Test Mode	Test Channel	Setting TX Power	Setting data rate (Mbps)
Antenna 1	IEEE 802.11B SISO	LCH	1	CCK_1Mbps
		MCH	1	CCK_1Mbps
		HCH	1	CCK_1Mbps
	IEEE 802.11G SISO	LCH	2	NO HT_6Mbps
		MCH	2	NO HT_6Mbps
		HCH	2	NO HT_6Mbps
	IEEE 802.11n HT20	LCH	3	HT20_MCS_0_20
		MCH	3	HT20_MCS_0_20
		HCH	3	HT20_MCS_0_20
	IEEE 802.11n HT40	LCH	3	HT40+MCS_0_40
		MCH	3	HT40+MCS_0_40
		HCH	3	HT40+MCS_0_40

5.6. DESCRIPTION OF AVAILABLE ANTENNAS

Ant.	Frequency (MHz)	Antenna Type	Antenna Gain (dBi)
1	2400-2483.5	Dipole Antenna	1

Test Mode	Transmit and Receive Mode	Description
WIFI	<input checked="" type="checkbox"/> 1TX, 1RX	The antennas can be used as transmitting/receiving antenna.



5.7. TEST ENVIRONMENT

Environment Parameter	Selected Values During Tests	
Relative Humidity	55 ~ 65%	
Atmospheric Pressure:	1005Pa	
Temperature	TN	23 ~ 28℃
Voltage :	VL	N/A
	VN	DC 5.0V
	VH	N/A

Note: VL= Lower Extreme Test Voltage
VN= Nominal Voltage
VH= Upper Extreme Test Voltage
TN= Normal Temperature

5.8. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	FCC ID
1	Laptop	ThinkPad	T410	N/A

I/O PORT

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
1	LAN	LAN	N/A	N/A	N/A

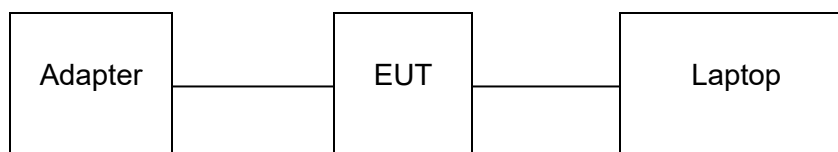
ACCESSORY

Item	Accessory	Brand Name	Model Name	Description
1	N/A	N/A	N/A	N/A

TEST SETUP

The EUT can work in an engineer mode with a software through a table PC.

SETUP DIAGRAM FOR TESTS



5.9. MEASURING INSTRUMENT AND SOFTWARE USED

Conducted Emissions(Instrument)						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
<input checked="" type="checkbox"/>	EMI Test Receiver	R&S	ESR3	101961	Dec.12, 2017	Dec.11, 2018
<input checked="" type="checkbox"/>	Two-Line V-Network	R&S	ENV216	101983	Dec.12, 2017	Dec.11, 2018
<input checked="" type="checkbox"/>	Artificial Mains Networks	Schwarzbeck	NSLK 8126	8126465	Dec.12, 2017	Dec.11, 2018
Software						
Used	Description		Manufacturer	Name	Version	
<input checked="" type="checkbox"/>	Test Software for Conducted disturbance		UL	Antenna port	Ver. 7.2	
Radiated Emissions(Instrument)						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
<input checked="" type="checkbox"/>	MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Dec. 12, 2017	Dec. 11, 2018
<input checked="" type="checkbox"/>	Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	Jan.09, 2016	Jan.09, 2019
<input checked="" type="checkbox"/>	Preamplifier	HP	8447D	2944A09099	Dec. 12, 2017	Dec. 11, 2018
<input checked="" type="checkbox"/>	EMI Measurement Receiver	R&S	ESR26	101377	Dec.12, 2017	Dec.11, 2018
<input checked="" type="checkbox"/>	Horn Antenna	TDK	HRN-0118	130939	Jan. 09, 2016	Jan. 09, 2019
<input checked="" type="checkbox"/>	High Gain Horn Antenna	Schwarzbeck	BBHA-9170	691	Jan.06, 2016	Jan.06, 2019
<input checked="" type="checkbox"/>	Preamplifier	TDK	PA-02-0118	TRS-305-00066	Dec. 12, 2017	Dec. 11, 2018
<input checked="" type="checkbox"/>	Preamplifier	TDK	PA-02-2	TRS-307-00003	Dec.12, 2017	Dec.11, 2018
<input checked="" type="checkbox"/>	Loop antenna	Schwarzbeck	1519B	00008	Mar. 26, 2016	Mar. 26, 2019
<input checked="" type="checkbox"/>	Band Reject Filter	Wainwright	WRCJV8-2350-2400-2483.5-2533.5-40SS	4	Dec.12, 2017	Dec.11, 2018
Software						
Used	Description		Manufacturer	Name	Version	
<input checked="" type="checkbox"/>	Test Software for Radiated disturbance		Farad	EZ-EMC	Ver. UL-3A1	
Other instruments						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
<input checked="" type="checkbox"/>	Spectrum Analyzer	Keysight	N9030A	MY55410512	Dec.12, 2017	Dec.11, 2018
<input checked="" type="checkbox"/>	Power Meter	Keysight	N9031A	MY55416024	Dec.12, 2017	Dec.11, 2018

<input checked="" type="checkbox"/>	Power Sensor	Keysight	N9323A	MY55440 013	Dec.12, 2017	Dec.11, 2018
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6. ANTENNA PORT TEST RESULTS

6.1. ON TIME AND DUTY CYCLE

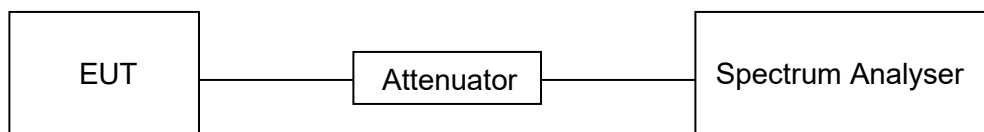
LIMITS

None; for reporting purposes only

PROCEDURE

FCC KDB 558074 Zero-Span Spectrum Analyzer Method

TEST SETUP



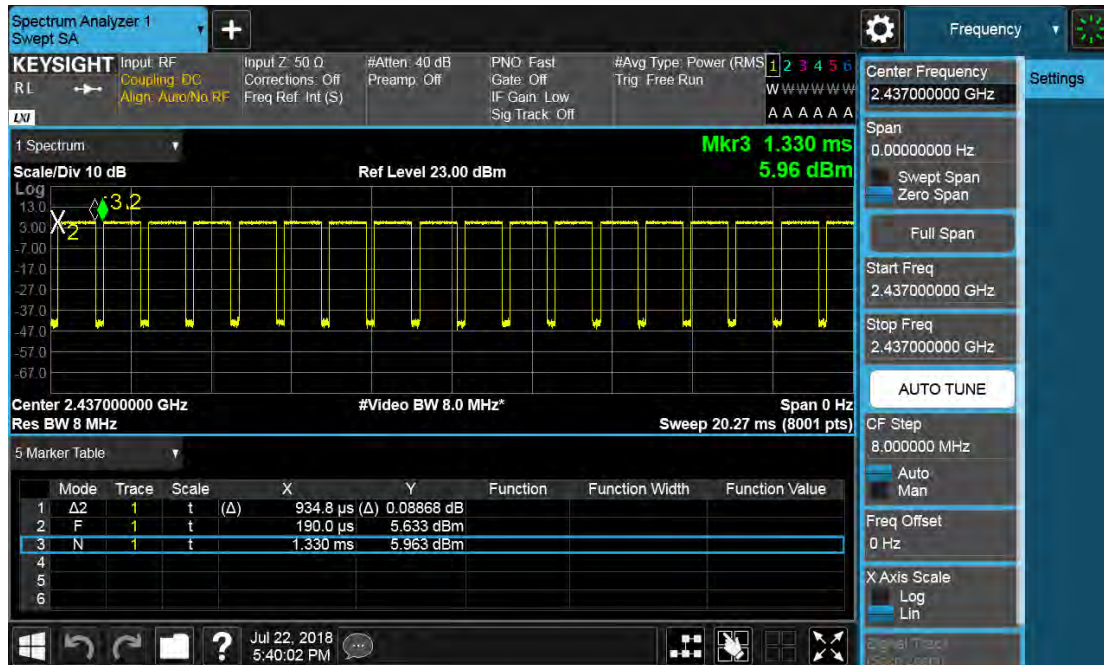
RESULTS

Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle	Duty Cycle Correction Factor (db)	1/T Minimum VBW (KHz)
11B	0.9348	1.14	1	0.8200	0.86	1.07
11G	0.1697	0.3774	1	0.4497	3.47	5.89
11N20SISO	0.1596	0.3673	1	0.4345	3.62	6.27
11N40SISO	0.0937	0.3015	1	0.3108	5.07	10.67

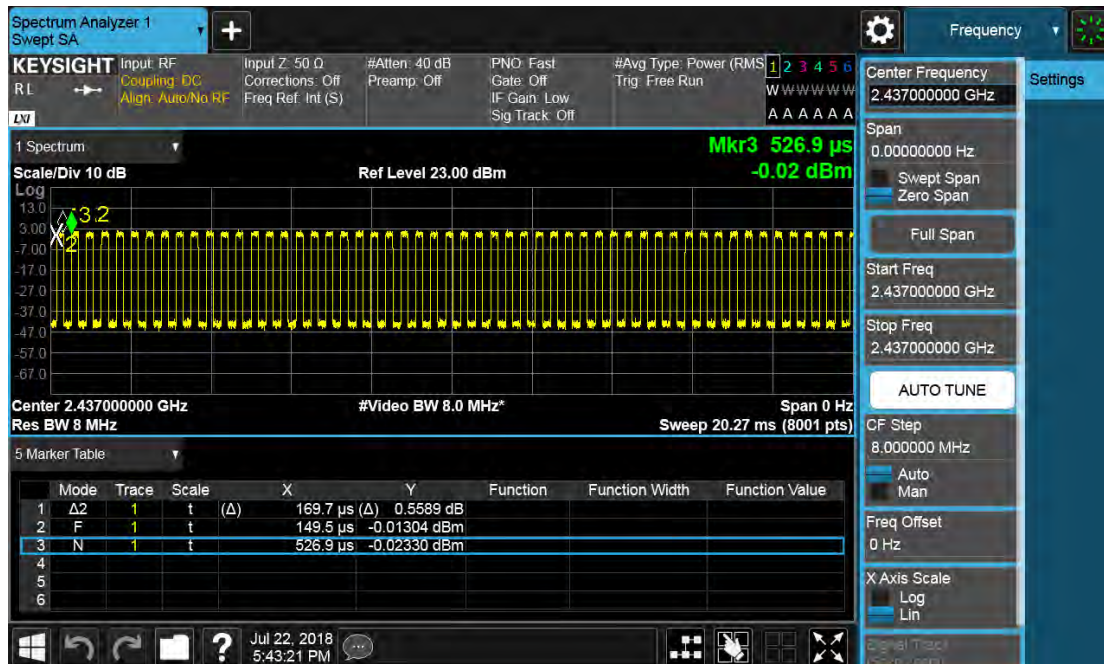
Note: 1) Duty Cycle Correction Factor= $10\log(1/x)$.
2) Where: x is Duty Cycle(Linear)
3) Where: T is On Time (transmit duration)

ON TIME AND DUTY CYCLE MID CH

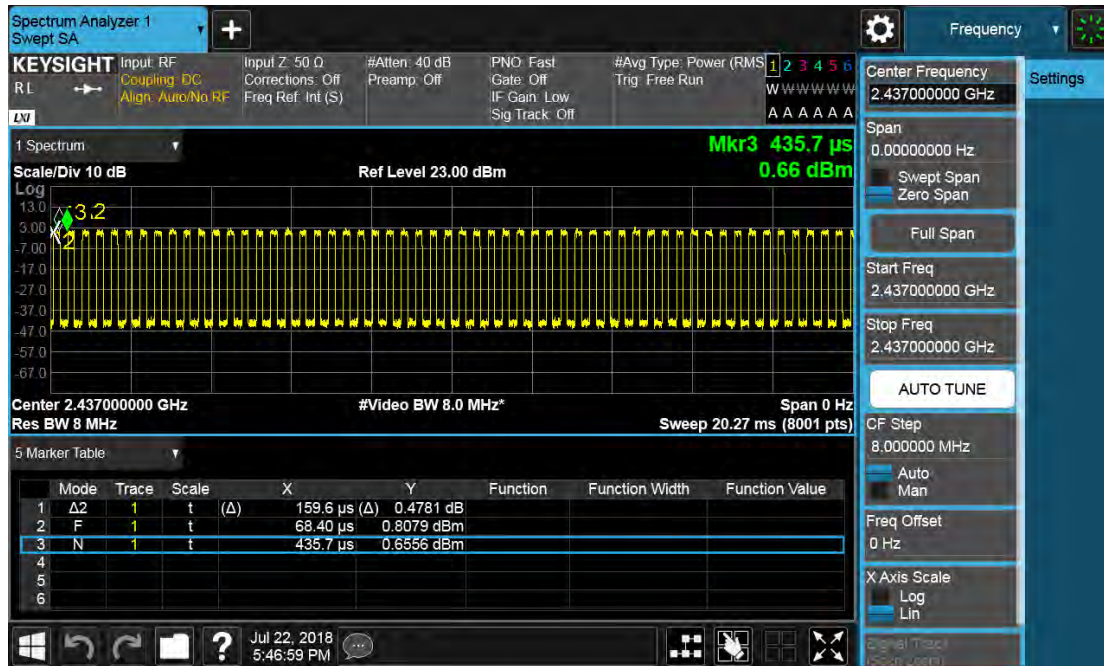
11B



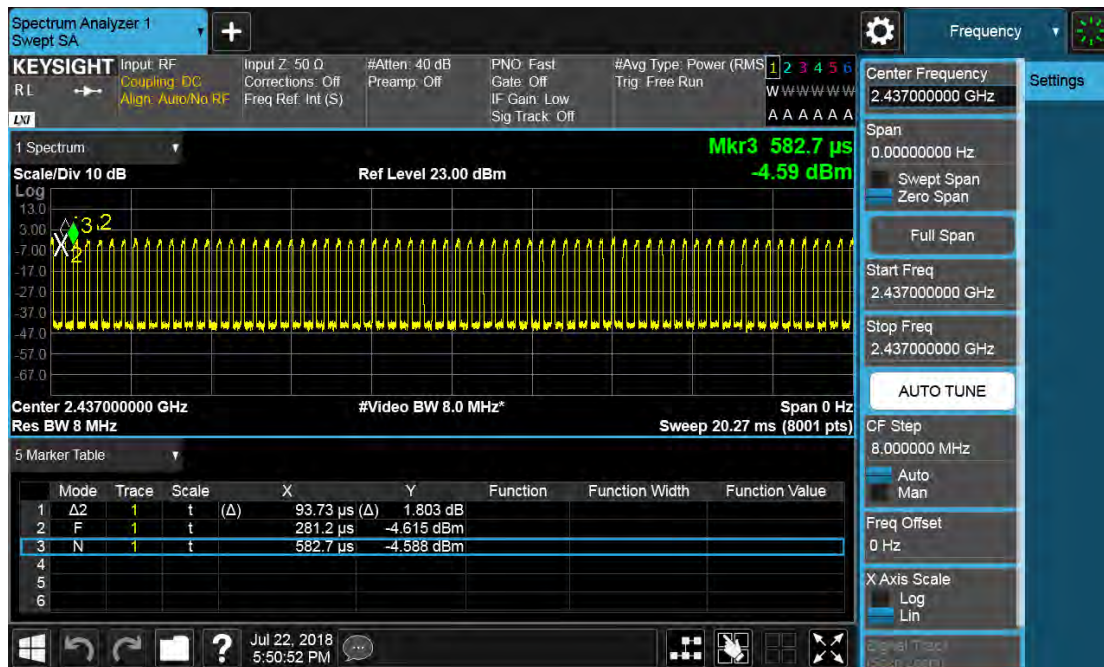
11G



11N20SISO



11N40SISO



6.2. 6 dB BANDWIDTH

LIMITS

FCC Part15 (15.247) Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.247(a)(2) RSS-247 5.1 (a)	6dB Bandwidth	$\geq 500\text{KHz}$	2400-2483.5
RSS-Gen Clause 6.6	99% Bandwidth	For reporting purposes only.	2400-2483.5

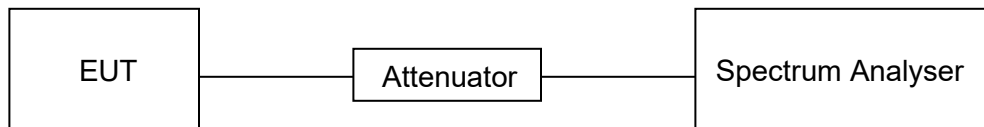
TEST PROCEDURE

Refer to FCC KDB 558074, connect the UUT to the spectrum analyser and use the following settings:

Center Frequency	The centre frequency of the channel under test
Detector	Peak
RBW	For 6 dB Bandwidth :100K For 99% Bandwidth :1% to 5% of the occupied bandwidth
VBW	For 6dB Bandwidth : $\geq 3 \times \text{RBW}$ For 99% Bandwidth : approximately $3 \times \text{RBW}$
Trace	Max hold
Sweep	Auto couple

Allow the trace to stabilize and measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB and 99% relative to the maximum level measured in the fundamental emission.

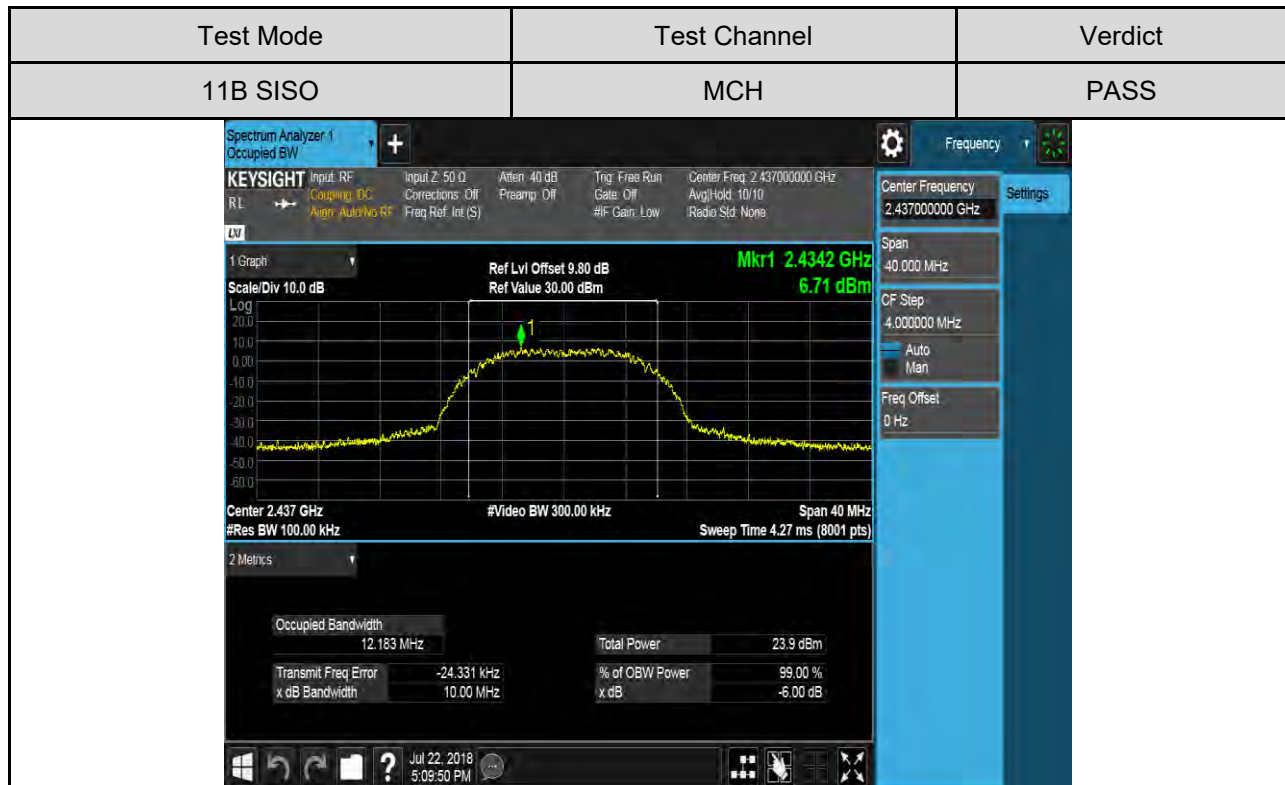
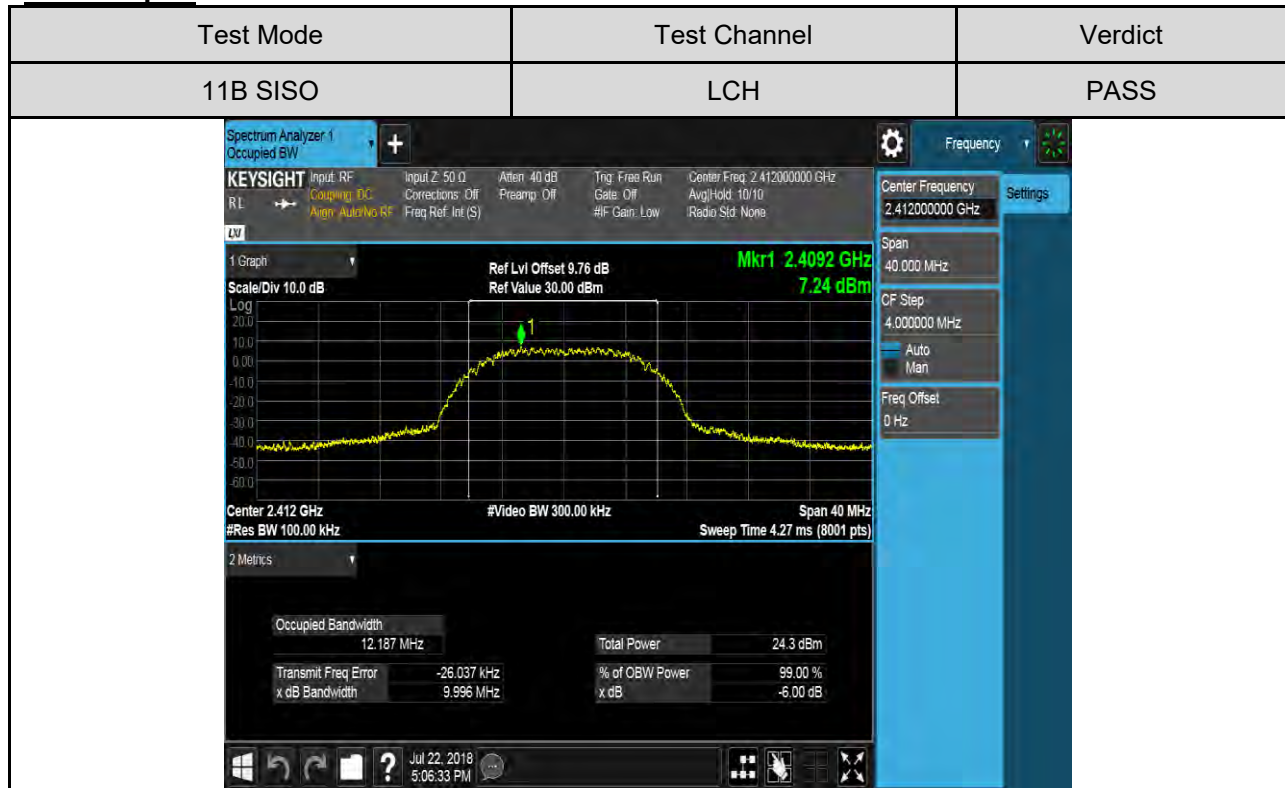
TEST SETUP

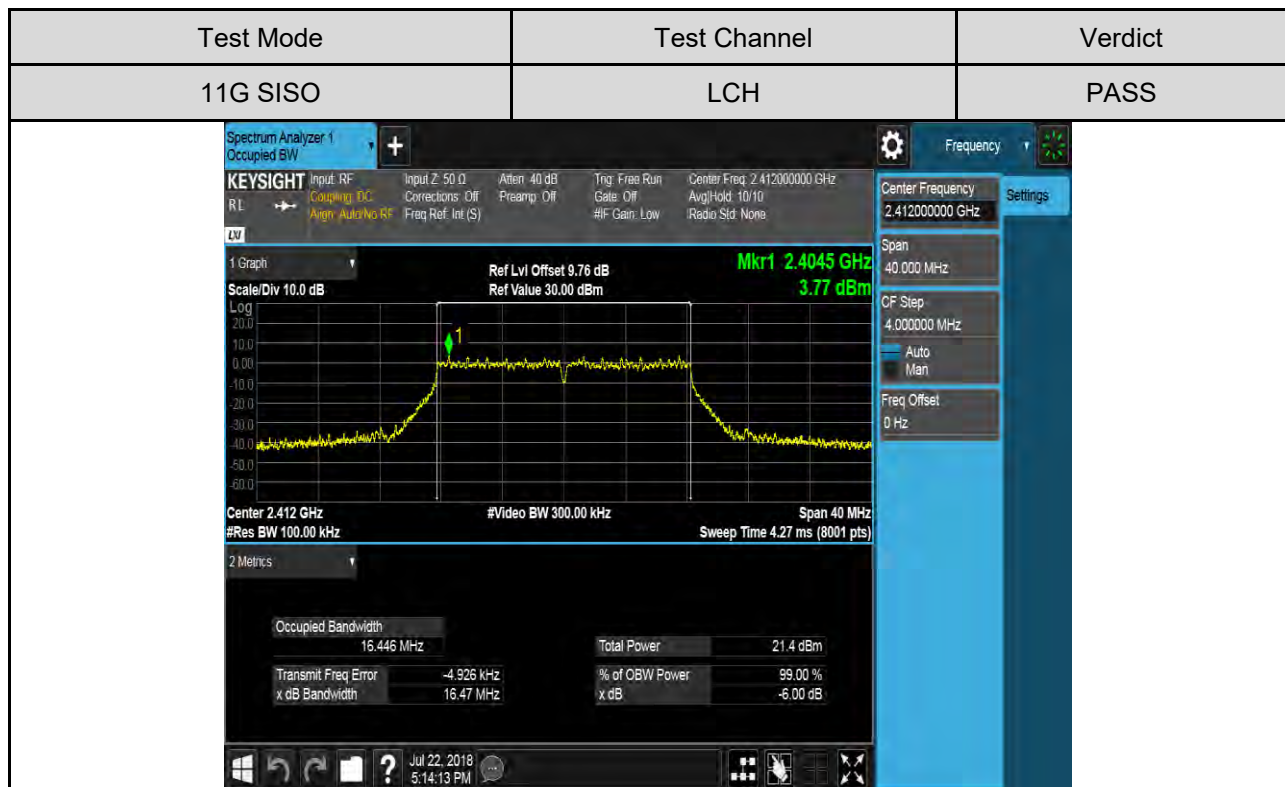
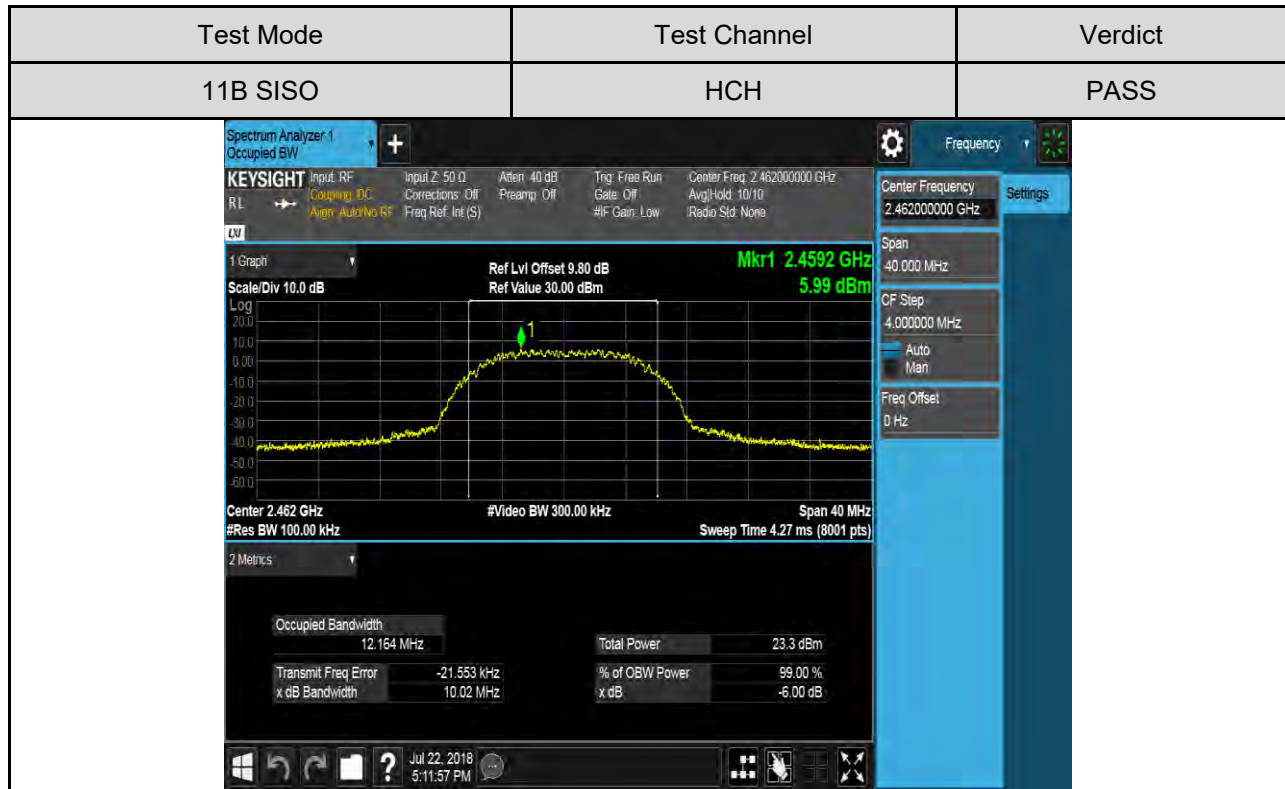


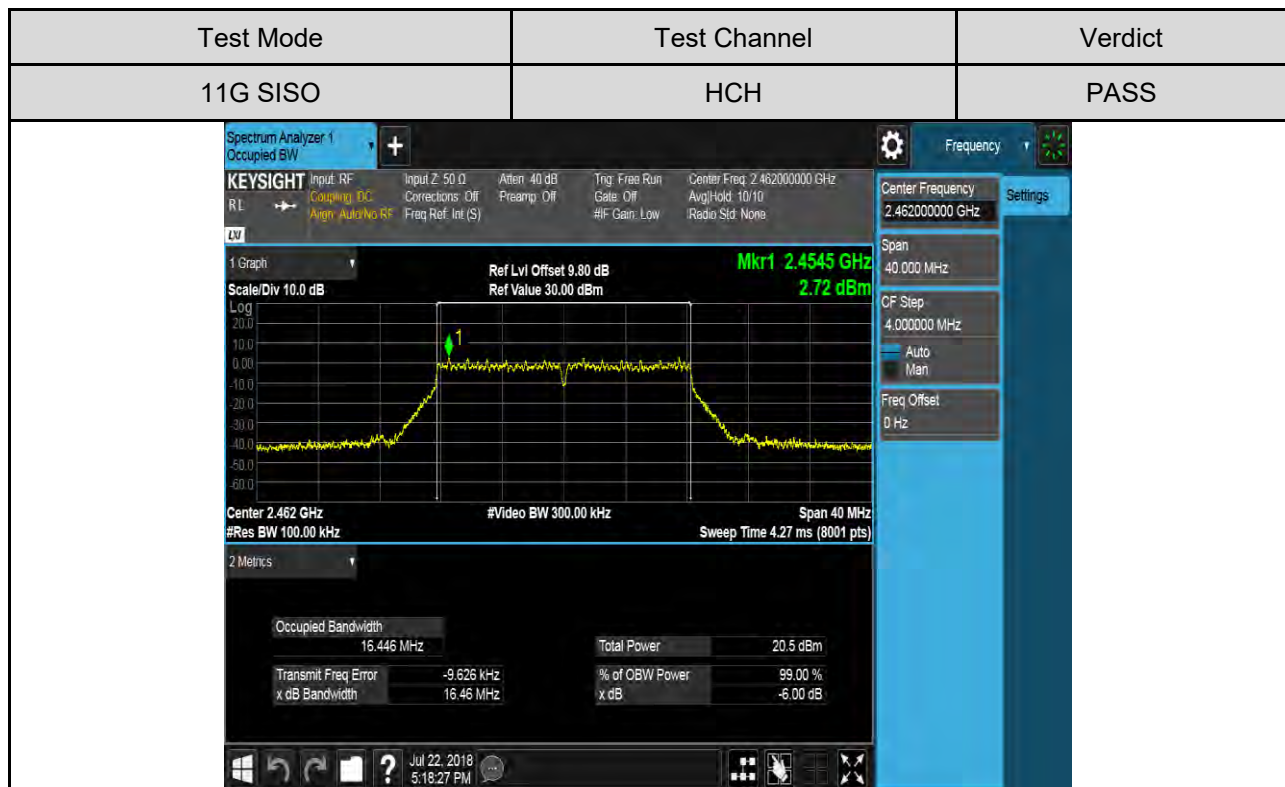
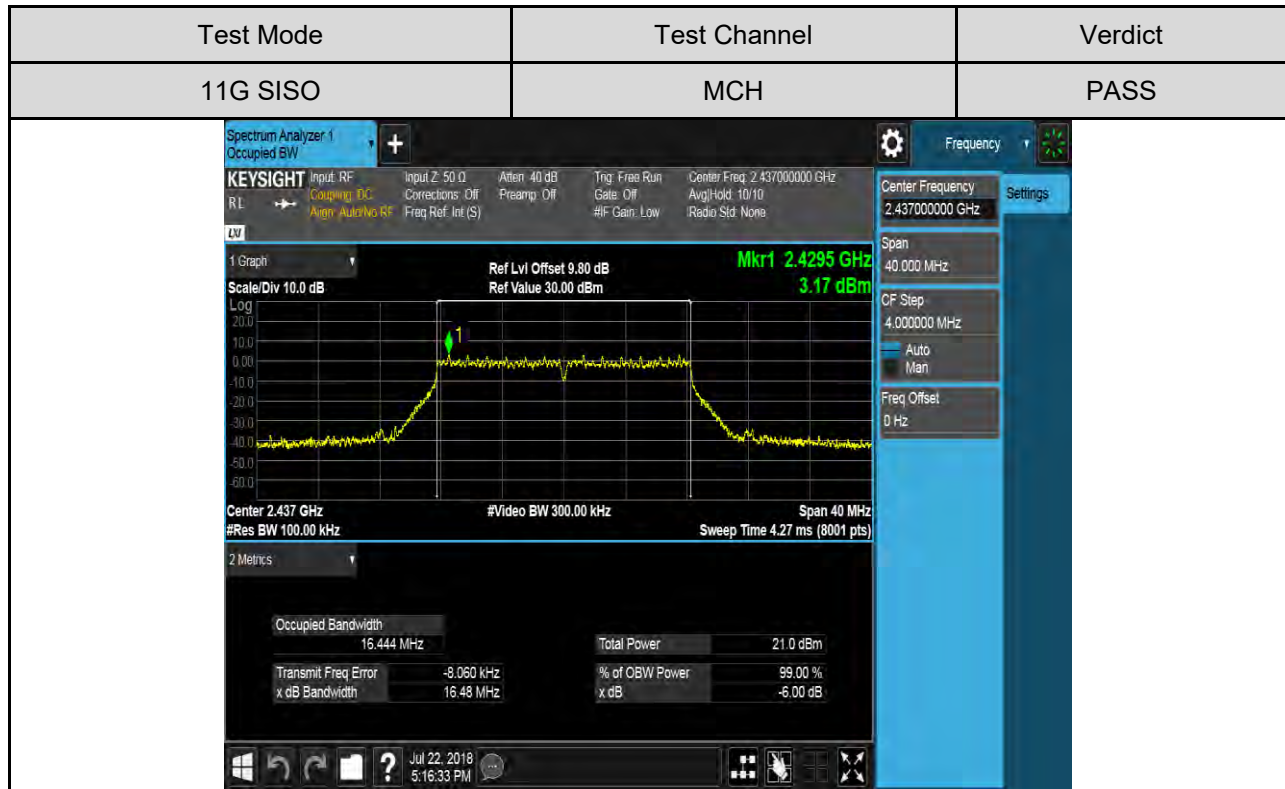
RESULTS

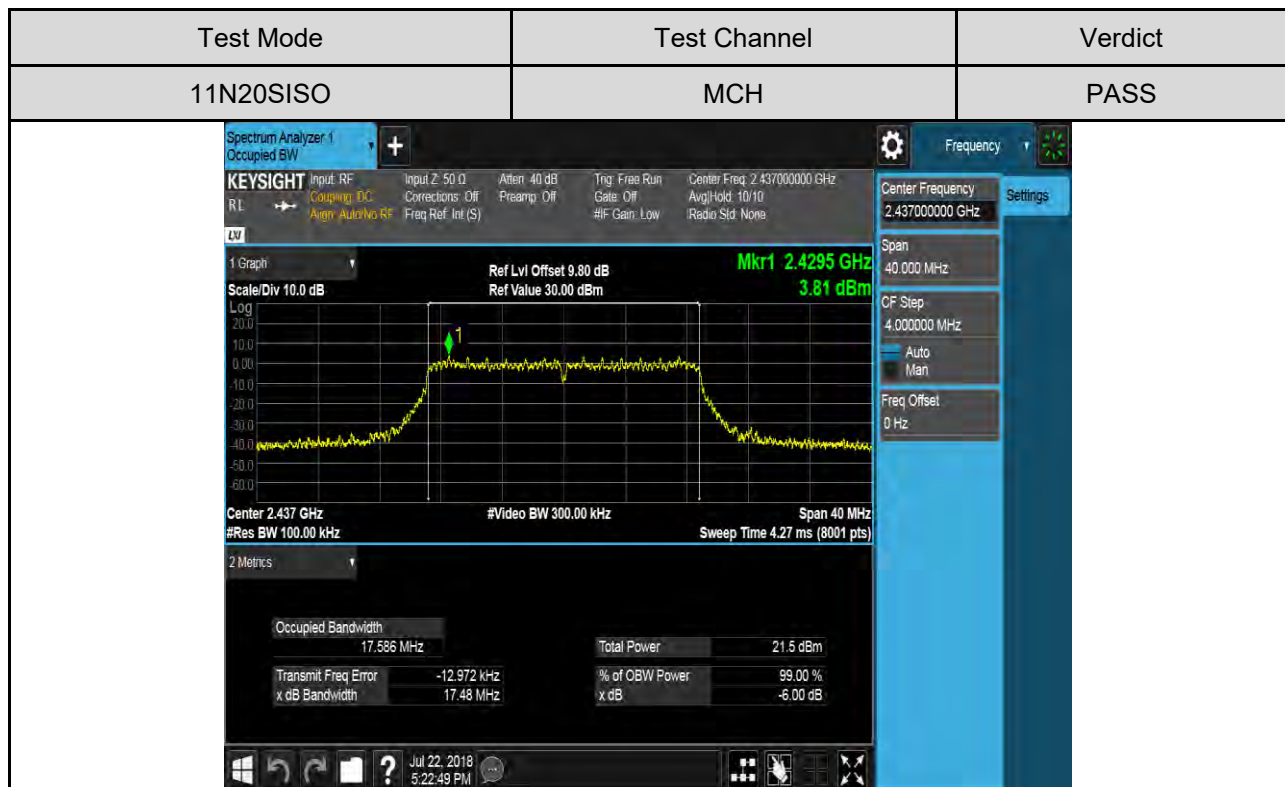
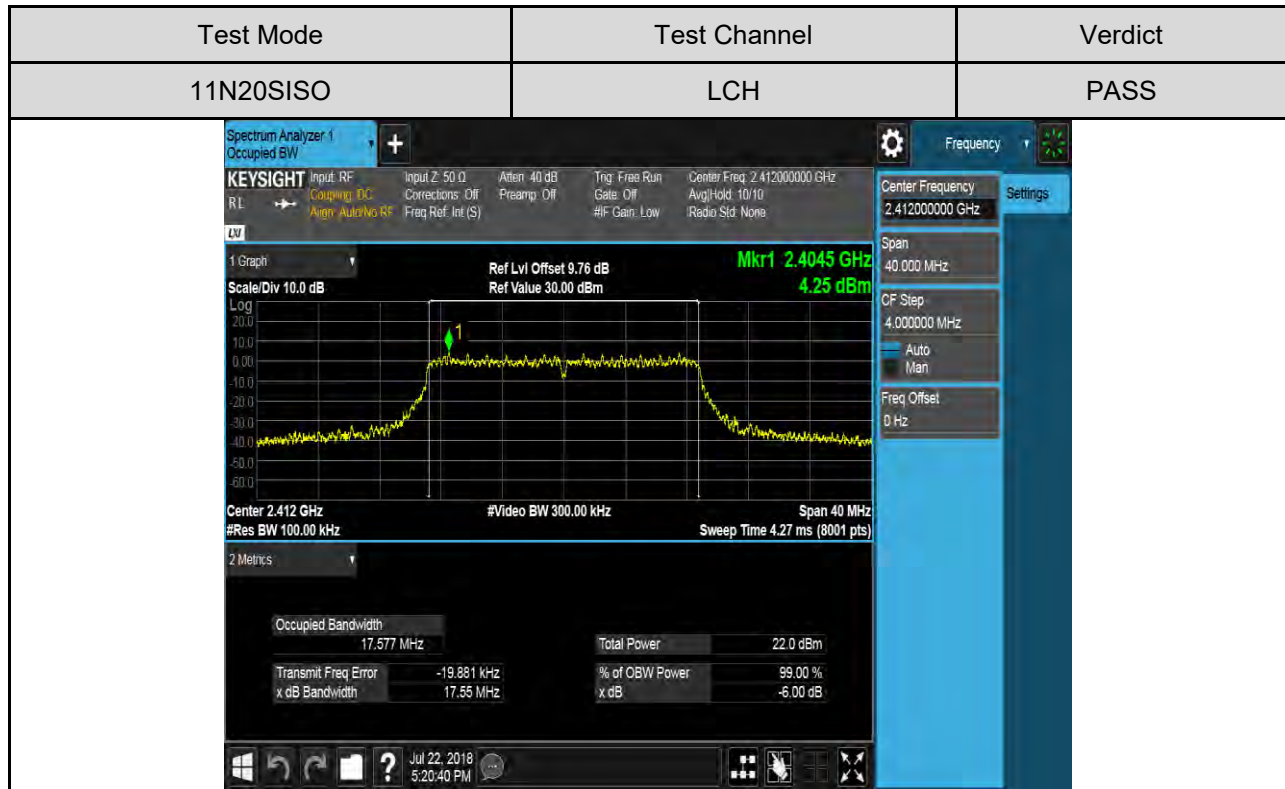
Test Mode	Test Channel	6dB bandwidth (MHz)	99% bandwidth (MHz)	Result
11B	LCH	10.00	12.19	Pass
	MCH	10.00	12.18	Pass
	HCH	10.02	12.16	Pass
11G	LCH	16.47	16.45	Pass
	MCH	16.48	16.44	Pass
	HCH	16.46	16.45	Pass
11N20 SISO	LCH	17.55	17.58	Pass
	MCH	17.48	17.59	Pass
	HCH	17.62	17.58	Pass
11N40 SISO	LCH	36.13	36.14	Pass
	MCH	36.37	36.19	Pass
	HCH	36.31	36.19	Pass

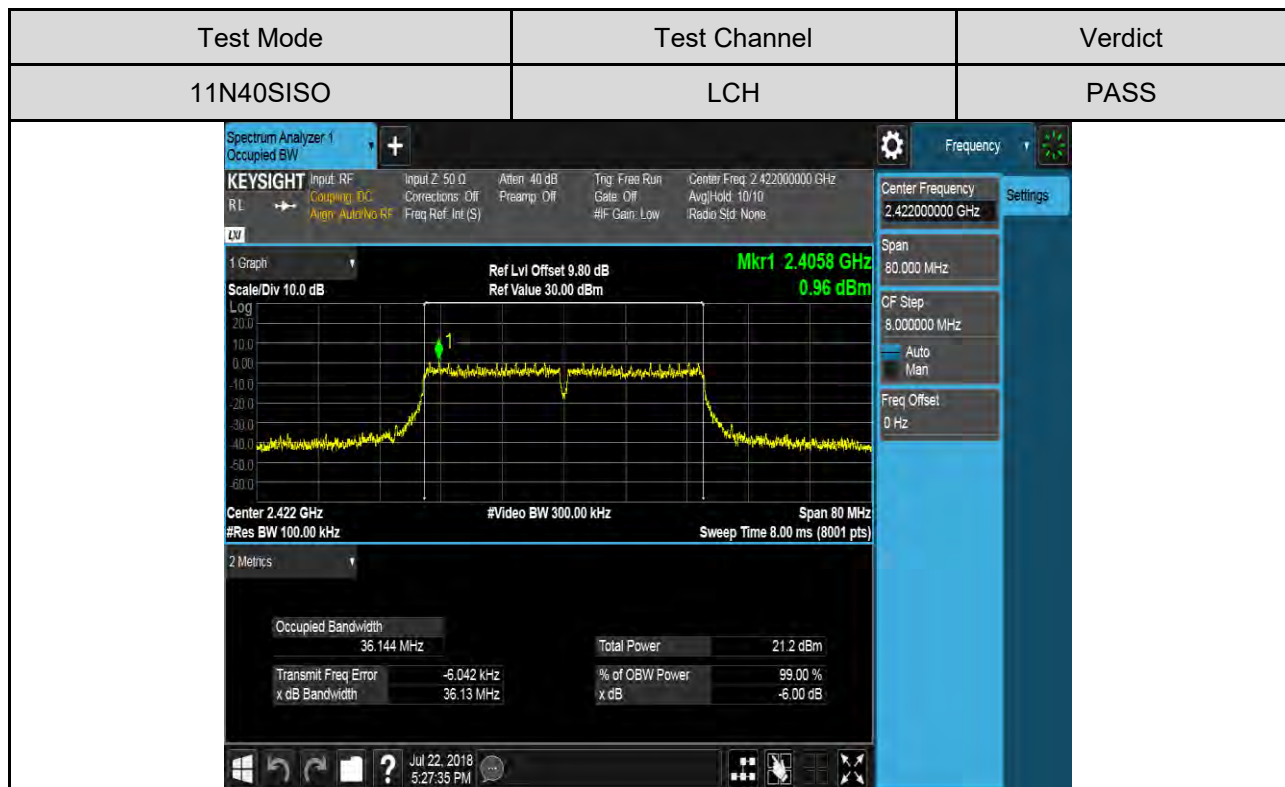
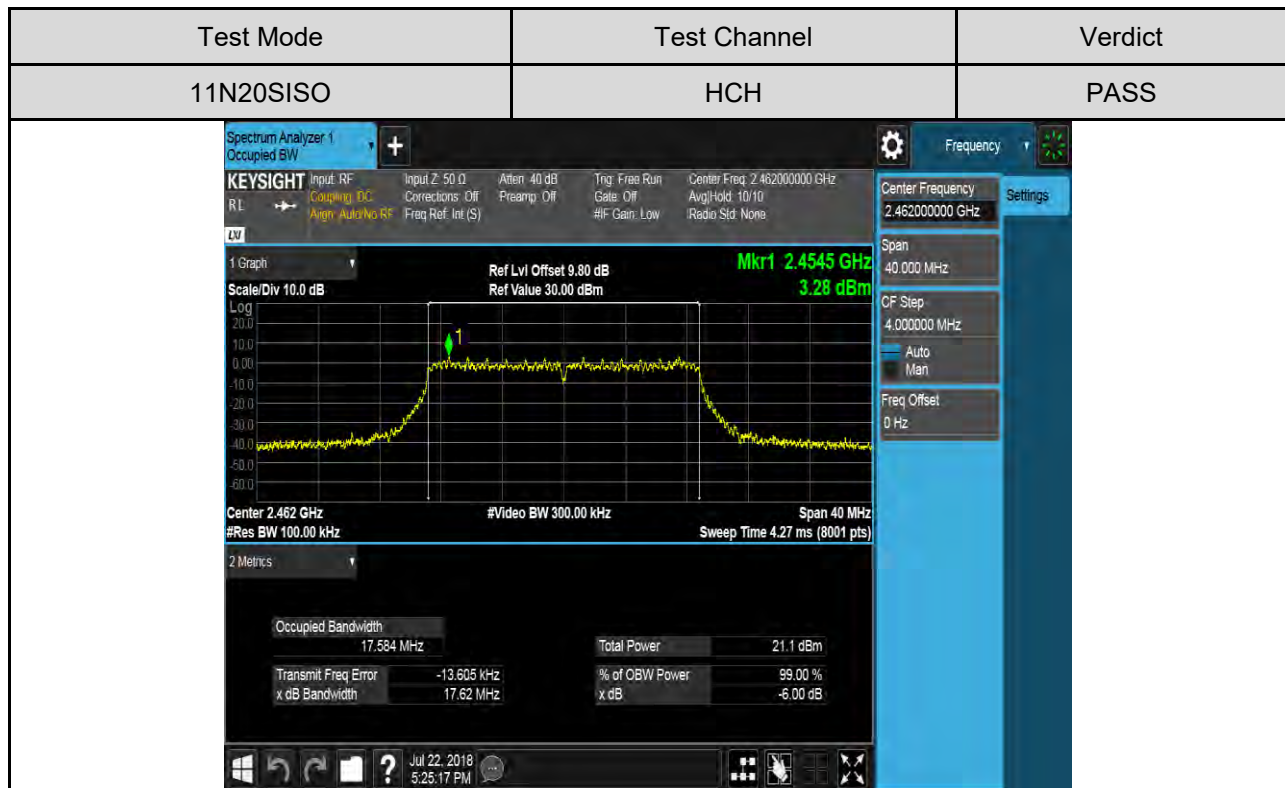
Test Graphs

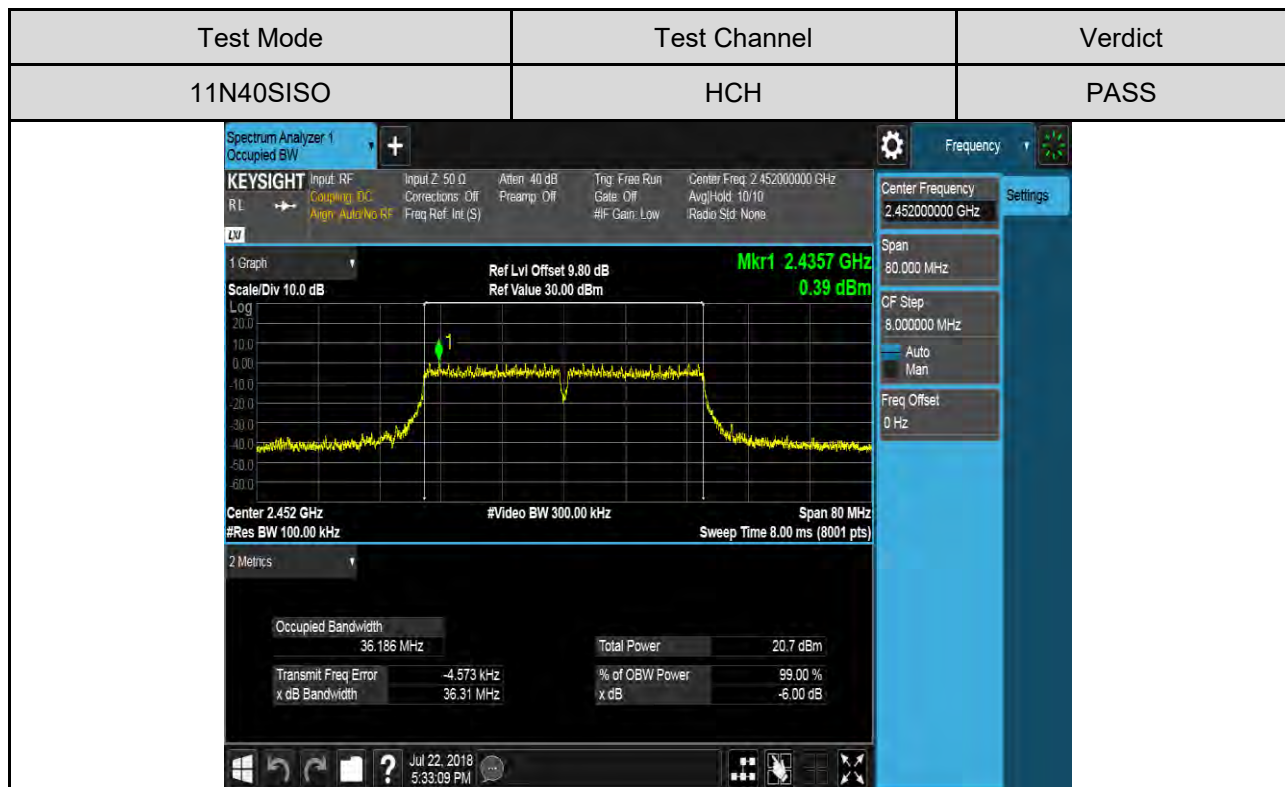
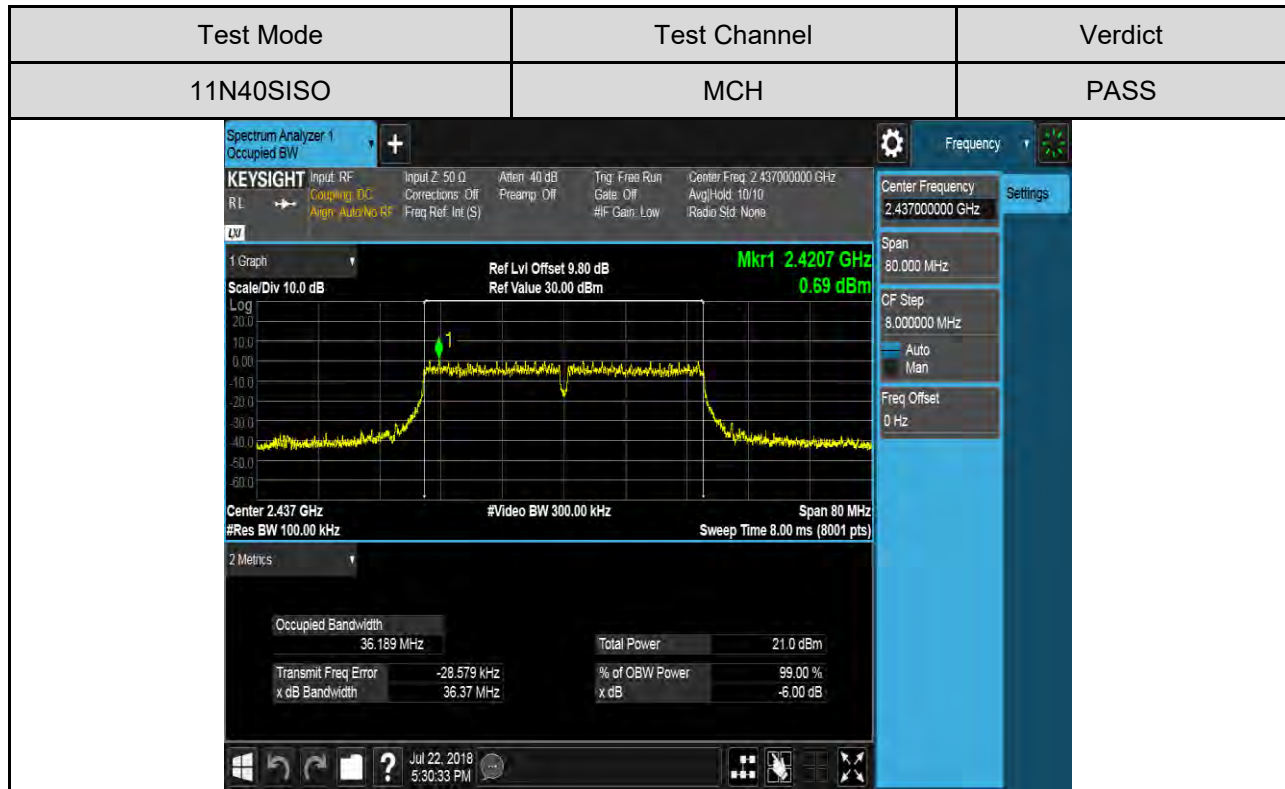












6.3. PEAK CONDUCTED OUTPUT POWER

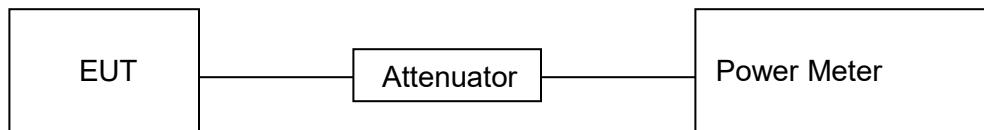
LIMITS

FCC Part15 (15.247) , Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.247(b)(3) RSS-247 5.4 (e)	Peak Output Power	1 watt or 30dBm	2400-2483.5

TEST PROCEDURE

Refer to FCC KDB 558074

TEST SETUP



RESULTS

1) Maximum Peak Conducted Output Power

Test Mode	Test Channel	Maximum Peak Conducted Output Power(dBm)	EIRP (dBm)	Result
11B SISO	LCH	23.64	24.64	Pass
	MCH	23.21	24.21	Pass
	HCH	22.63	23.63	Pass
11G SISO	LCH	22.09	23.09	Pass
	MCH	21.79	22.79	Pass
	HCH	21.22	22.22	Pass
11N20SISO	LCH	22.76	23.76	Pass
	MCH	22.34	23.34	Pass
	HCH	21.80	22.80	Pass
11N40SISO	LCH	21.98	22.98	Pass
	MCH	21.62	22.62	Pass
	HCH	21.47	22.47	Pass

2) Maximum Average Conducted Output Power

Test Mode	Test Channel	Maximum Average Conducted Output Power(dBm)	EIRP (dBm)	Result
11B SISO	LCH	18.53	19.53	Pass
	MCH	18.08	19.08	Pass
	HCH	17.54	18.54	Pass
11G SISO	LCH	18.35	19.35	Pass
	MCH	17.87	18.87	Pass
	HCH	17.34	18.34	Pass
11N20SISO	LCH	19.13	20.13	Pass
	MCH	18.68	19.68	Pass
	HCH	18.13	19.13	Pass
11N40SISO	LCH	19.52	20.52	Pass
	MCH	19.35	20.35	Pass
	HCH	19.01	20.01	Pass

6.4. POWER SPECTRAL DENSITY

LIMITS

FCC Part15 (15.247) , Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
FCC §15.247 (e) RSS-247 5.2 (b)	Power Spectral Density	8 dBm in any 3 kHz band	2400-2483.5

TEST PROCEDURE

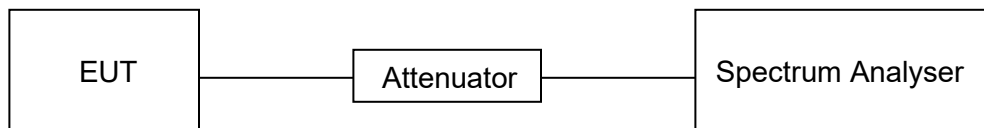
Refer to FCC KDB 558074, connect the UUT to the spectrum analyser and use the following settings:

Center Frequency	The centre frequency of the channel under test
Detector	Peak
RBW	$3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$
VBW	$\geq 3 \times \text{RBW}$
Span	1.5 x DTS bandwidth
Trace	Max hold
Sweep time	Auto couple.

Allow trace to fully stabilize and use the peak marker function to determine the maximum amplitude level within the RBW.

If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

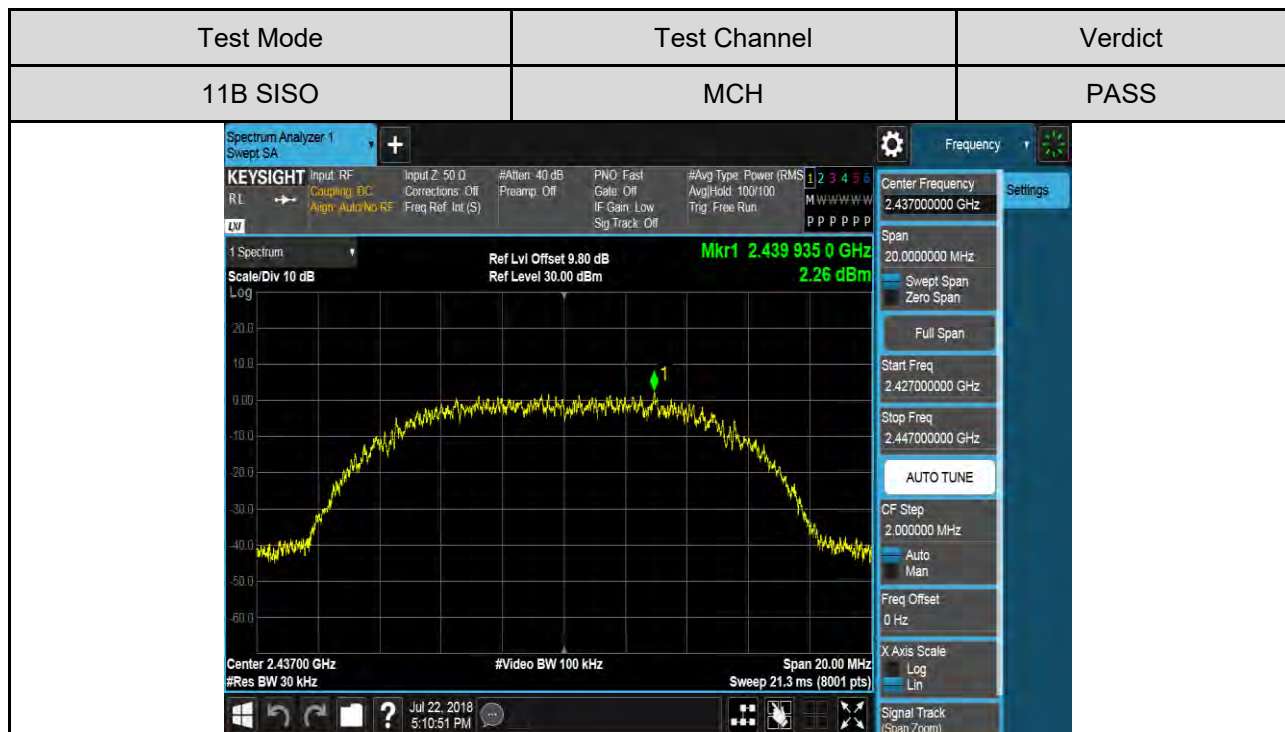
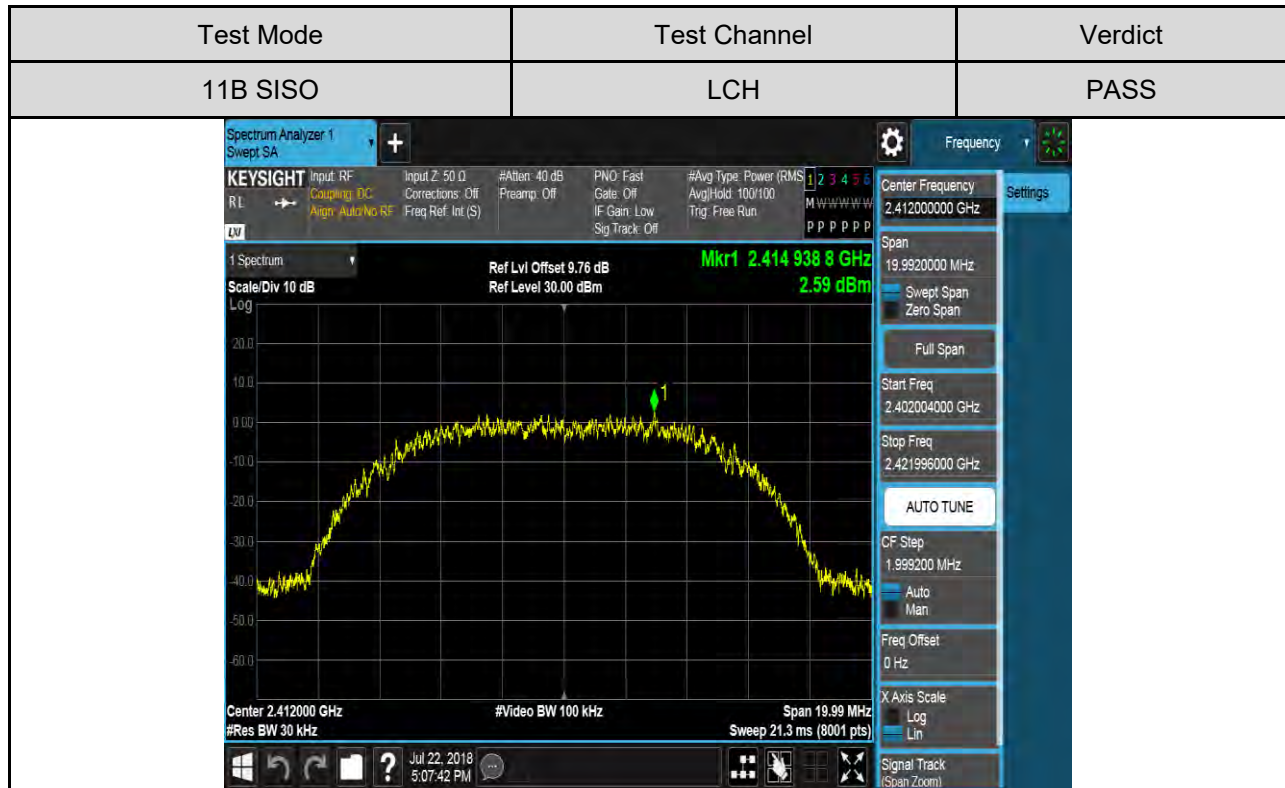
TEST SETUP

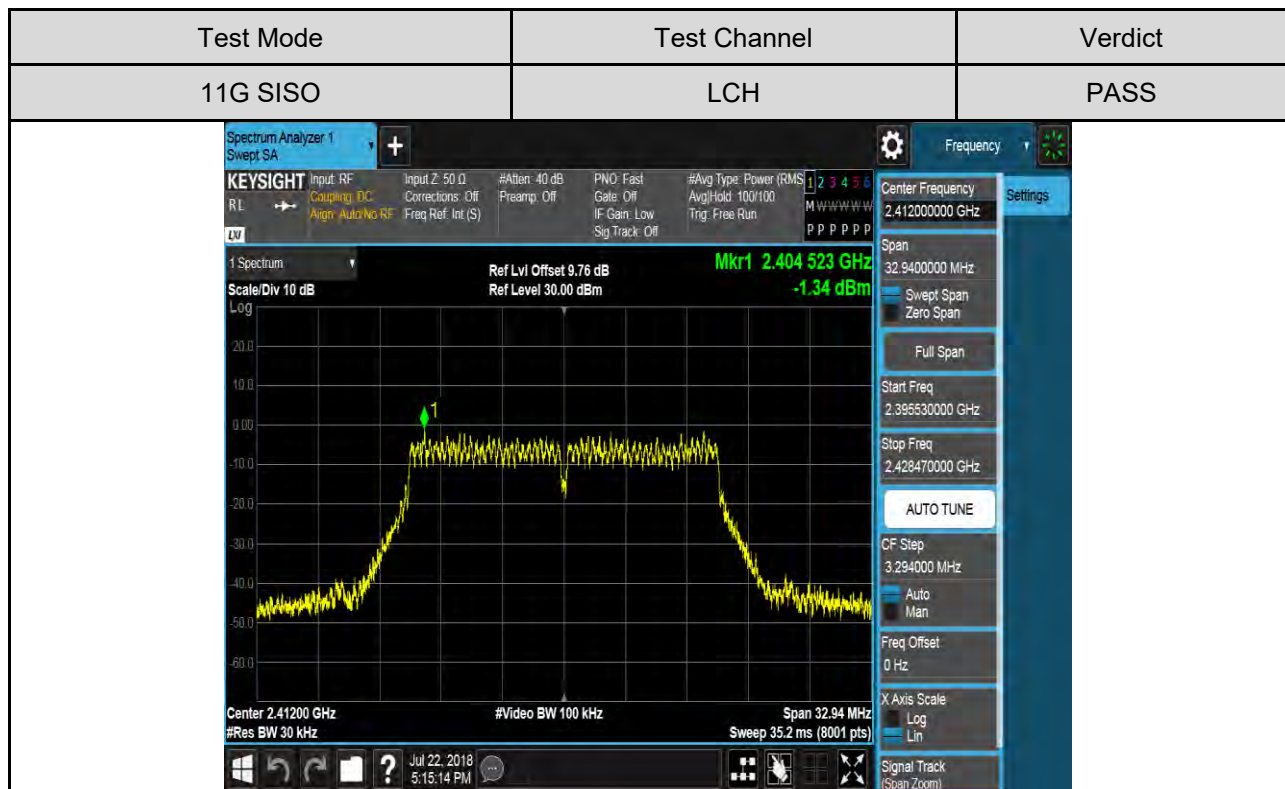
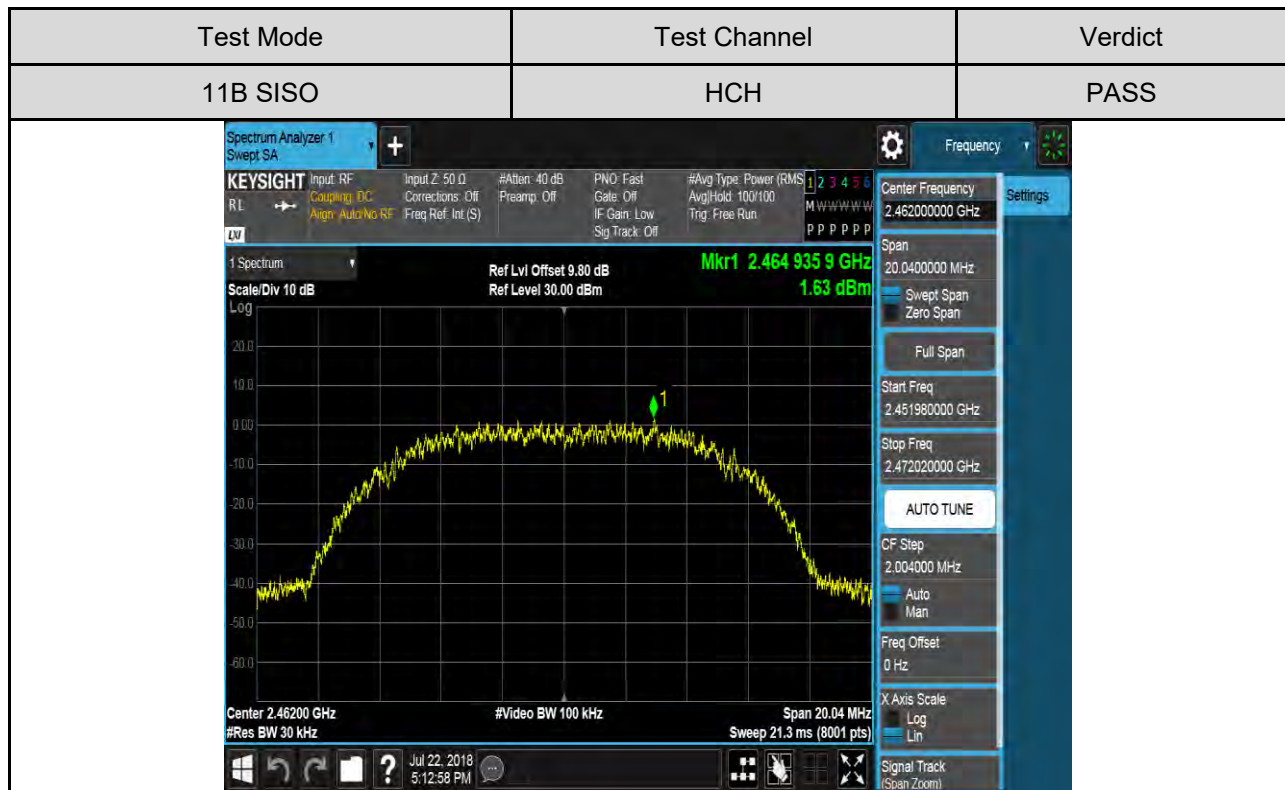


RESULTS

Test Mode	Test Channel	Maximum Peak power spectral density (dBm)	Result
11B SISO	LCH	2.593	Pass
	MCH	2.259	Pass
	HCH	1.627	Pass
11G SISO	LCH	-1.342	Pass
	MCH	-1.375	Pass
	HCH	-2.165	Pass
11N20SISO	LCH	-0.715	Pass
	MCH	-1.04	Pass
	HCH	-1.254	Pass
11N40SISO	LCH	-3.984	Pass
	MCH	-4.313	Pass
	HCH	-4.69	Pass

Test Graphs:





Test Mode	Test Channel	Verdict
11G SISO	HCH	PASS

Keysight Spectrum Analyzer 1
Swept SA

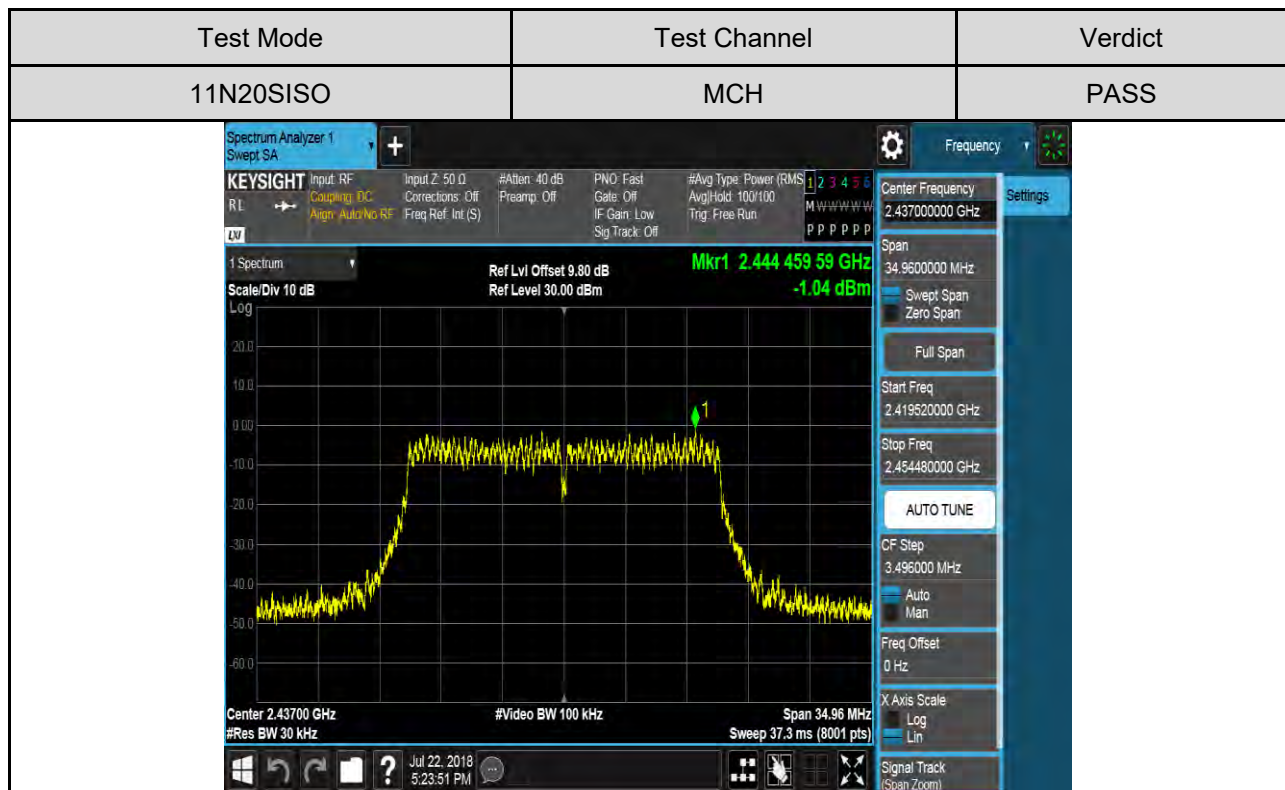
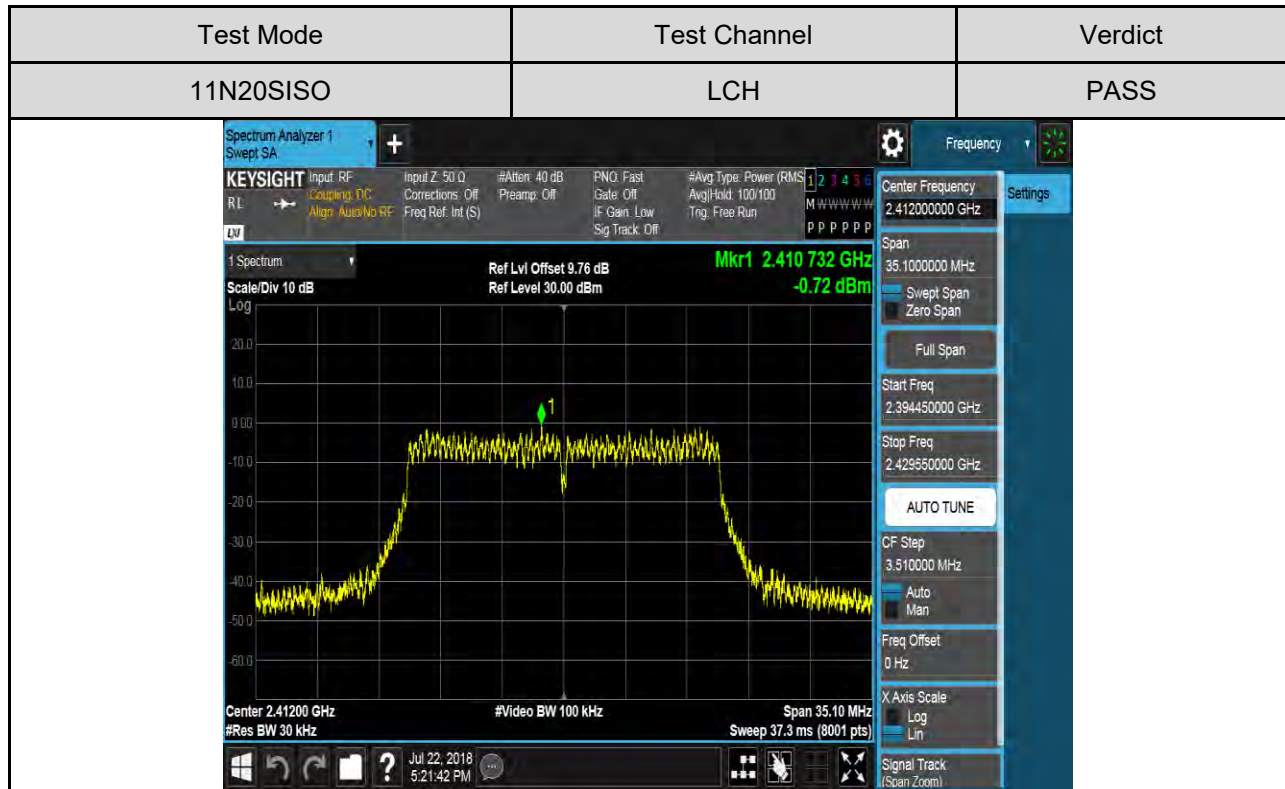
KEYSIGHT Input: RF Corrections: Off #Att: 40 dB PNO: Fast #Avg Type: Power (RMS) 1 2 3 4 5 6
 RL: Coupling: DC Avg/Hold: 100/100 M W W W W W W W
 Align: Auto No RF Freq Ref: Int (S) IF Gain: Low Trg: Free Run P P P P P P

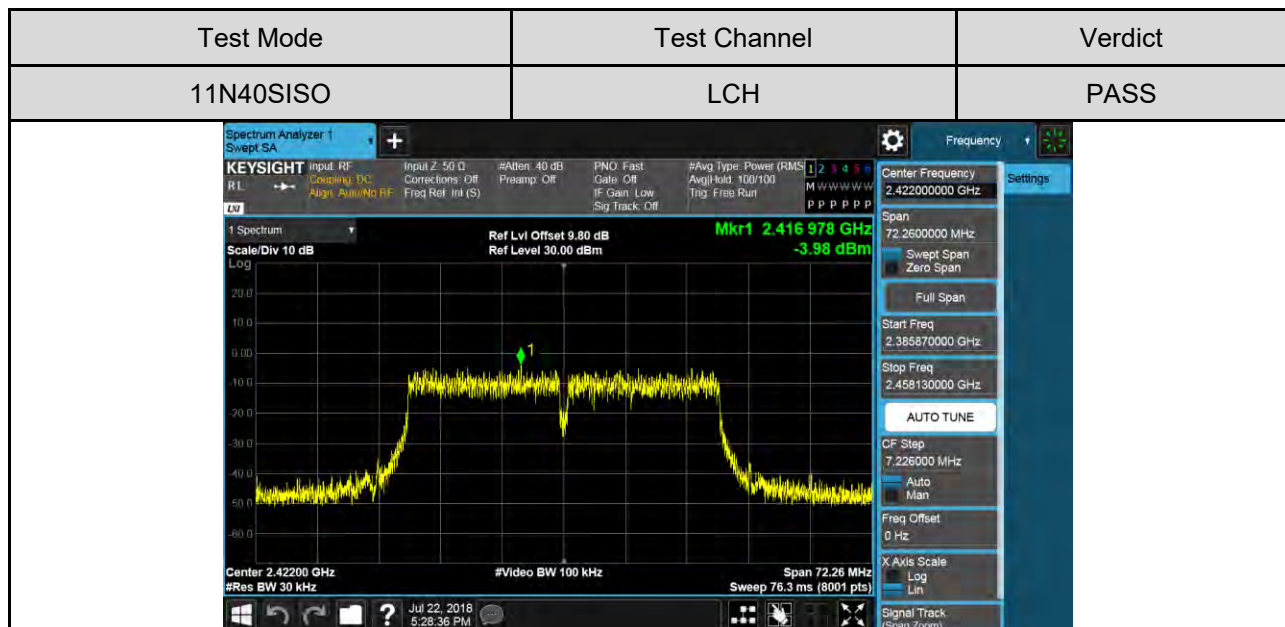
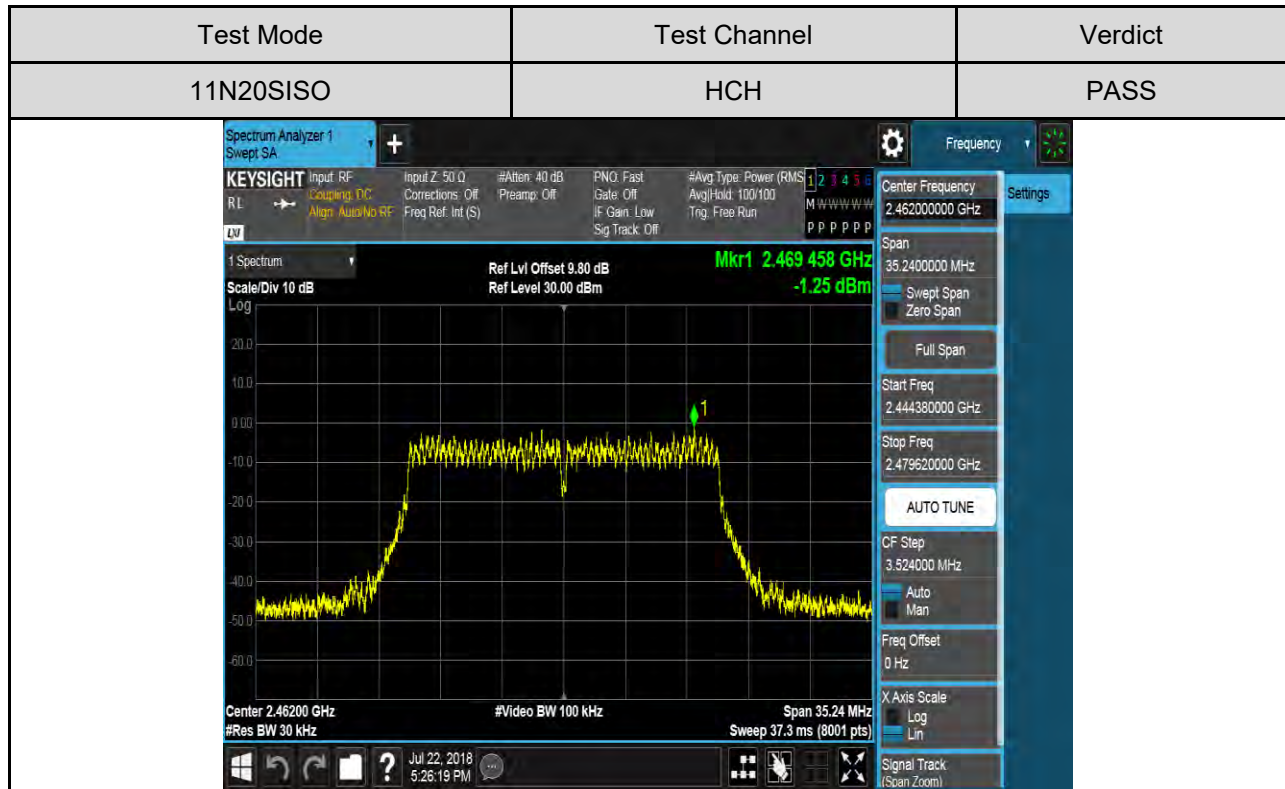
1 Spectrum Ref Lvl Offset 9.80 dB **Mkr1 2.454 523 GHz**
 Scale/Div 10 dB Ref Level 30.00 dBm **-2.16 dBm**

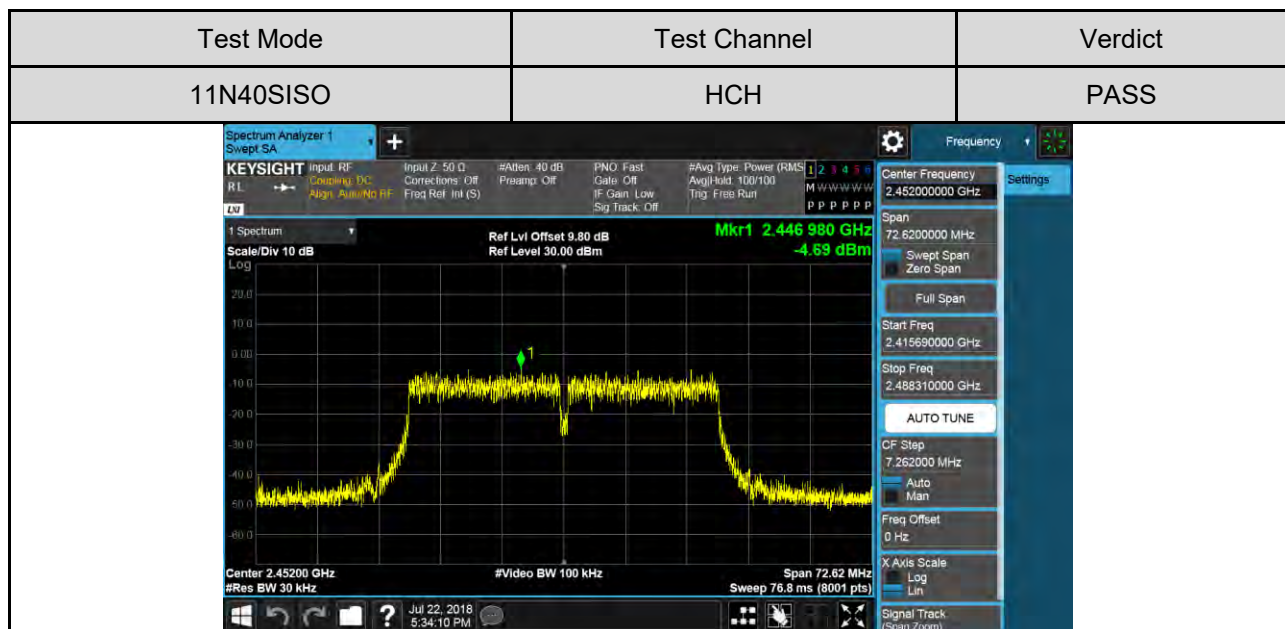
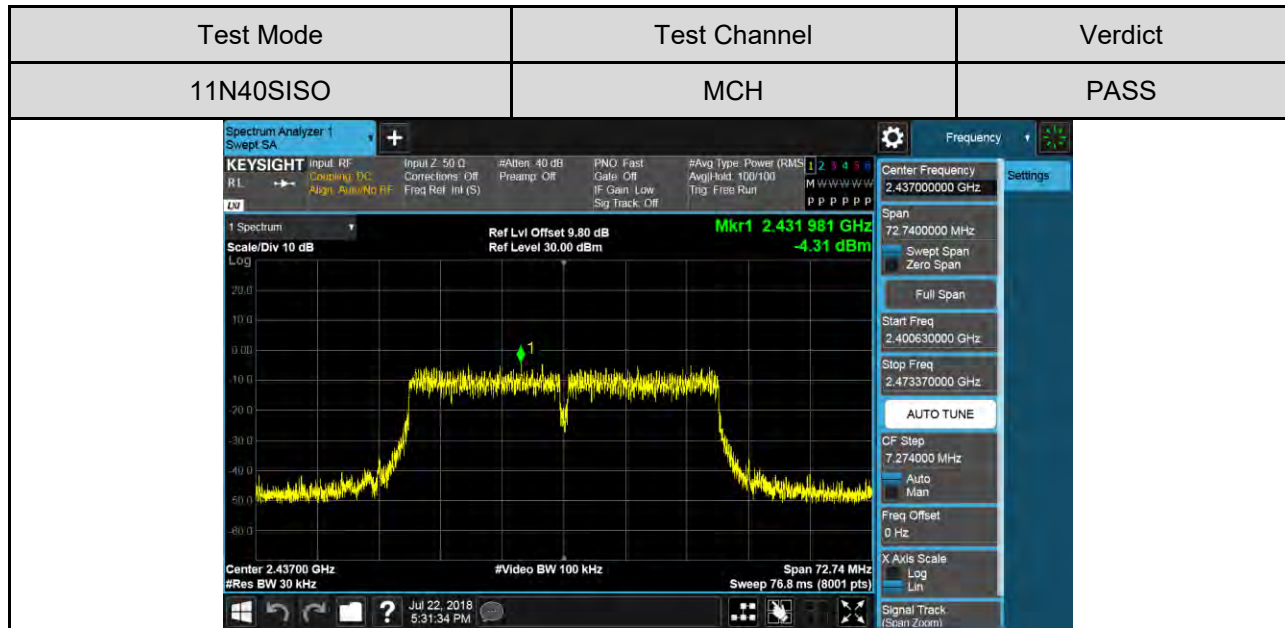
Log

Center 2.46200 GHz #Video BW 100 kHz Span 32.92 MHz
 #Res BW 30 kHz Sweep 35.2 ms (8001 pts)

Frequency Settings
 Center Frequency 2.46200000 GHz
 Span 32.9200000 MHz
 Swept Span Zero Span Full Span
 Start Freq 2.445540000 GHz
 Stop Freq 2.479460000 GHz
 AUTO TUNE
 CF Step 3.292000 MHz
 Auto Man
 Freq Offset 0 Hz
 X Axis Scale Log Lin
 Signal Track (Span 7 mm)







6.5. CONDUCTED BANDEDGE AND SPURIOUS EMISSIONS

LIMITS

FCC Part15 (15.247) , Subpart C		
Section	Test Item	Limit
FCC §15.247 (d) RSS-247 5.5	Conducted Bandedge and Spurious Emissions	at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power

TEST PROCEDURE

Refer to FCC KDB 558074, connect the UUT to the spectrum analyser and use the following

Center Frequency	The centre frequency of the channel under test
Detector	Peak
RBW	100K
VBW	$\geq 3 \times \text{RBW}$
Span	1.5 x DTS bandwidth
Trace	Max hold
Sweep time	Auto couple.

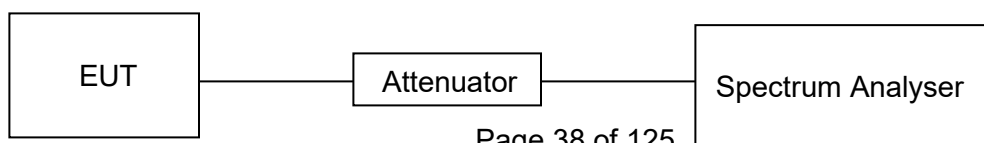
settings:

Use the peak marker function to determine the maximum PSD level.

Span	Set the center frequency and span to encompass frequency range to be measured
Detector	Peak
RBW	100K
VBW	$\geq 3 \times \text{RBW}$
measurement points	$\geq \text{span}/\text{RBW}$
Trace	Max hold
Sweep time	Auto couple.

Use the peak marker function to determine the maximum amplitude level.

TEST SETUP

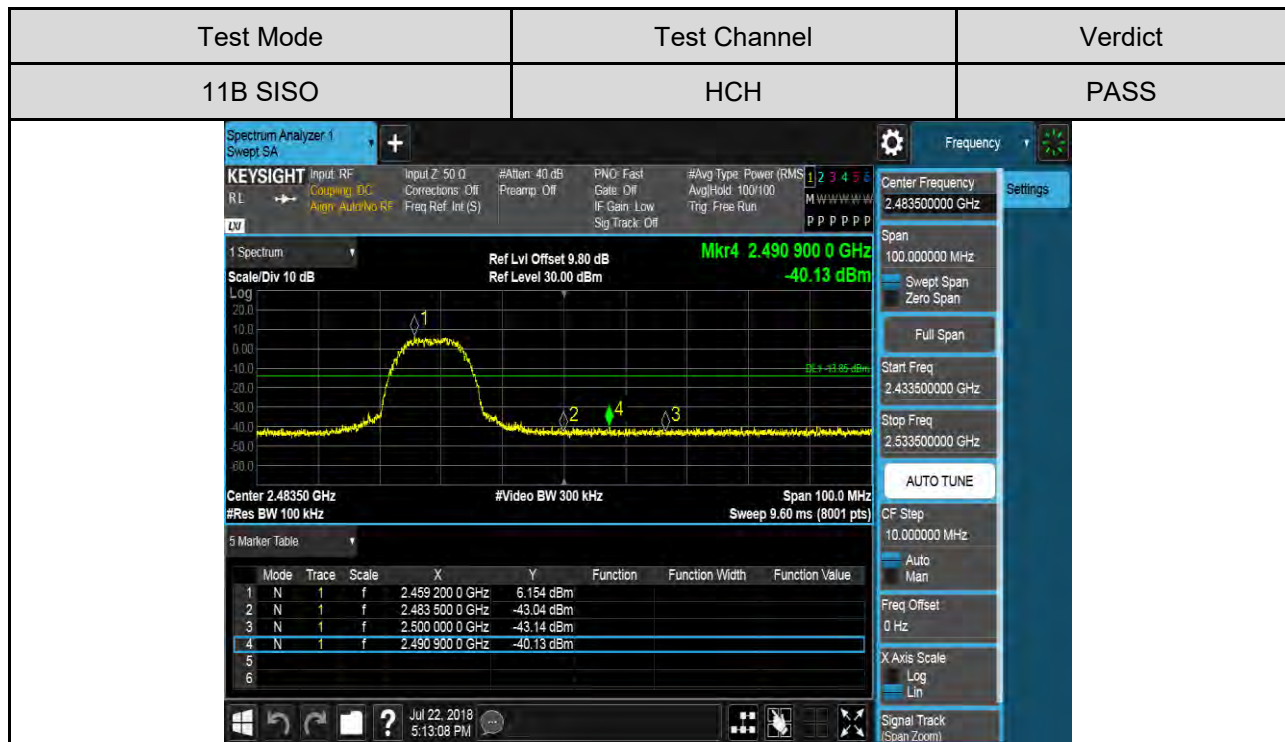
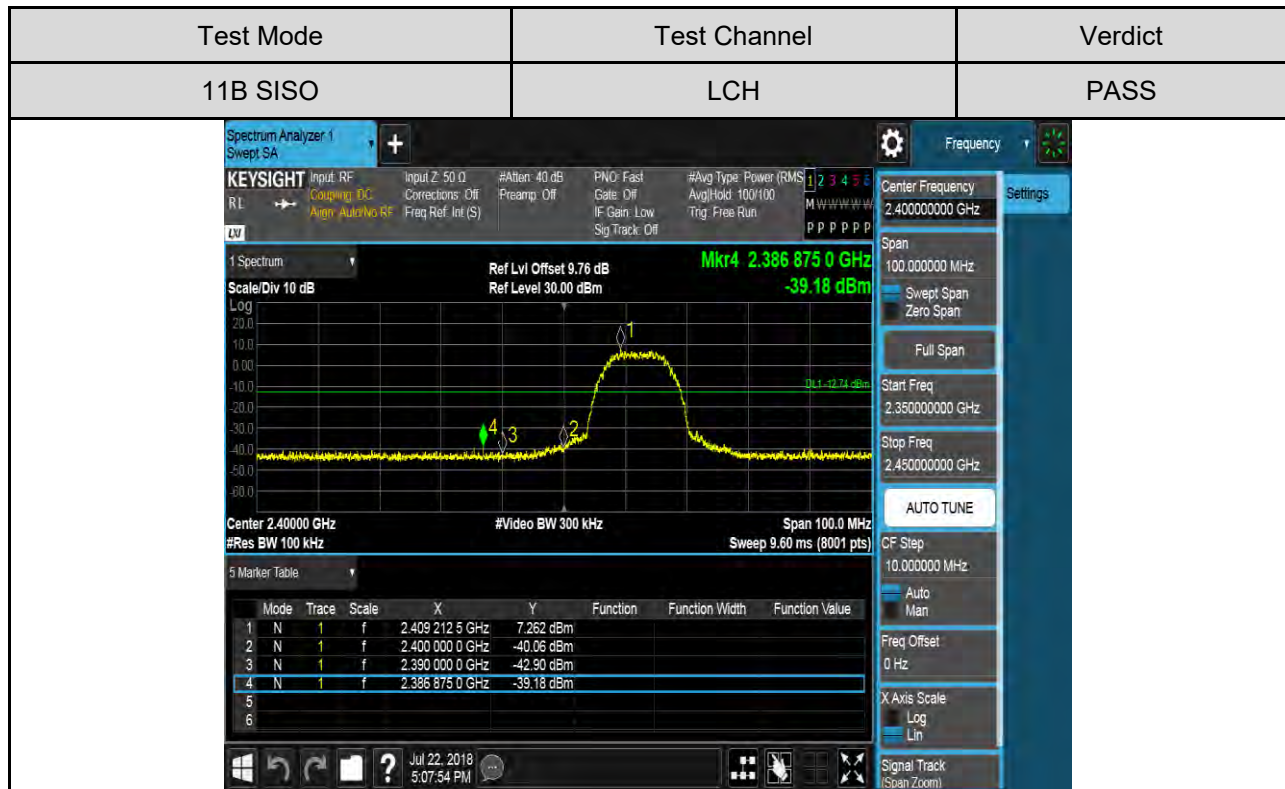


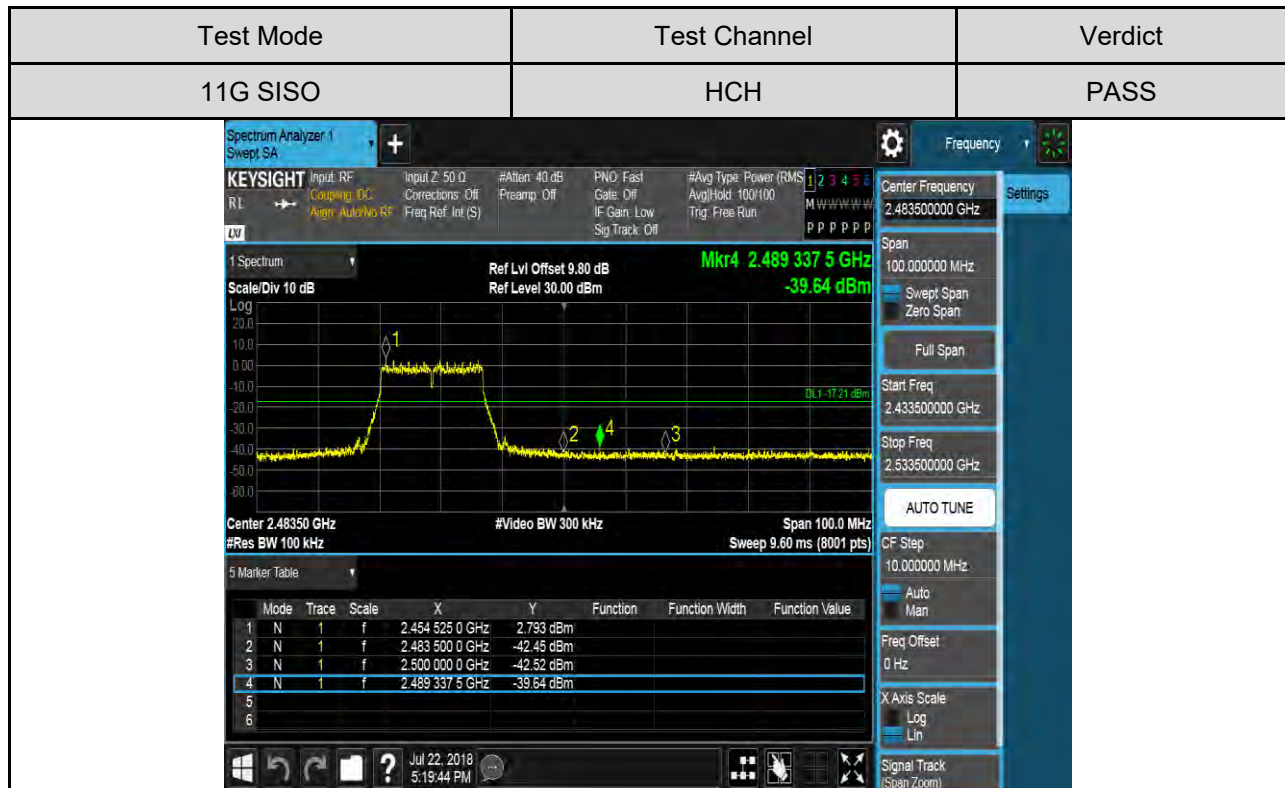
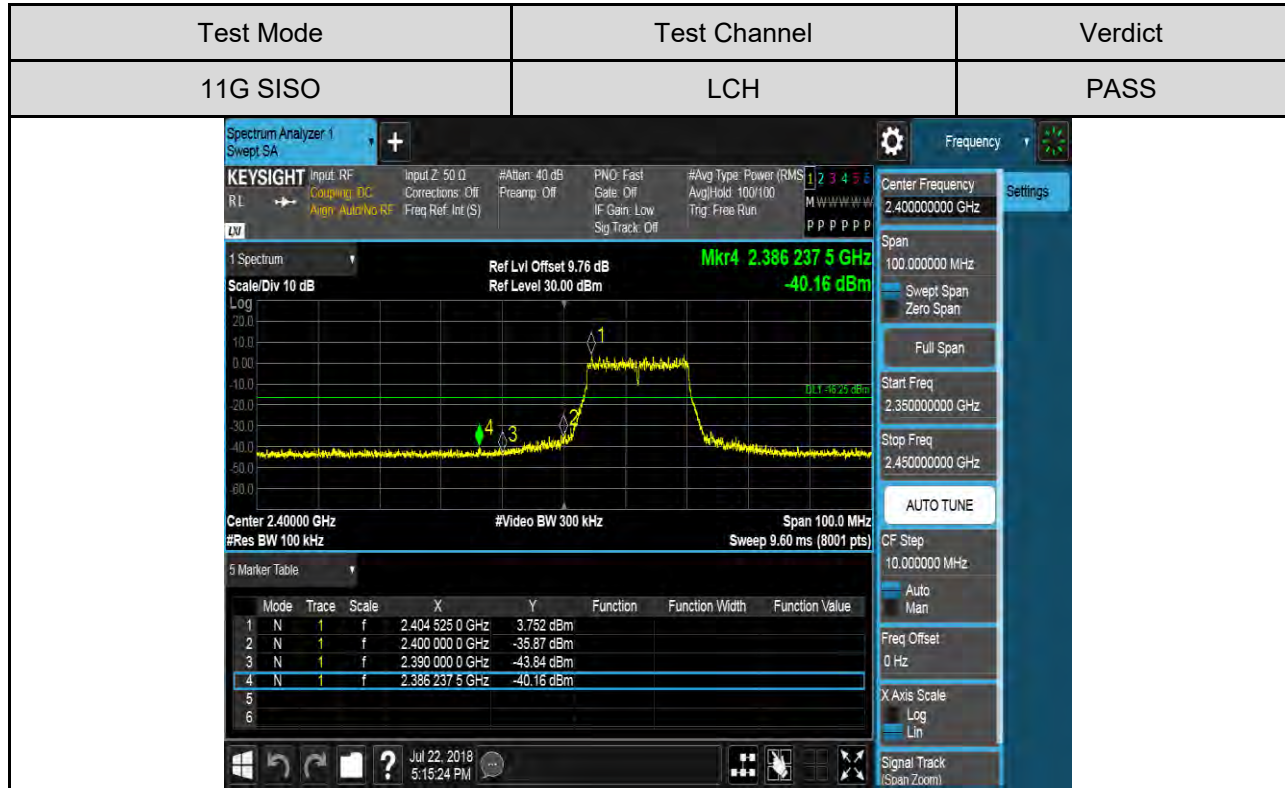
Part I :Conducted Bandedge

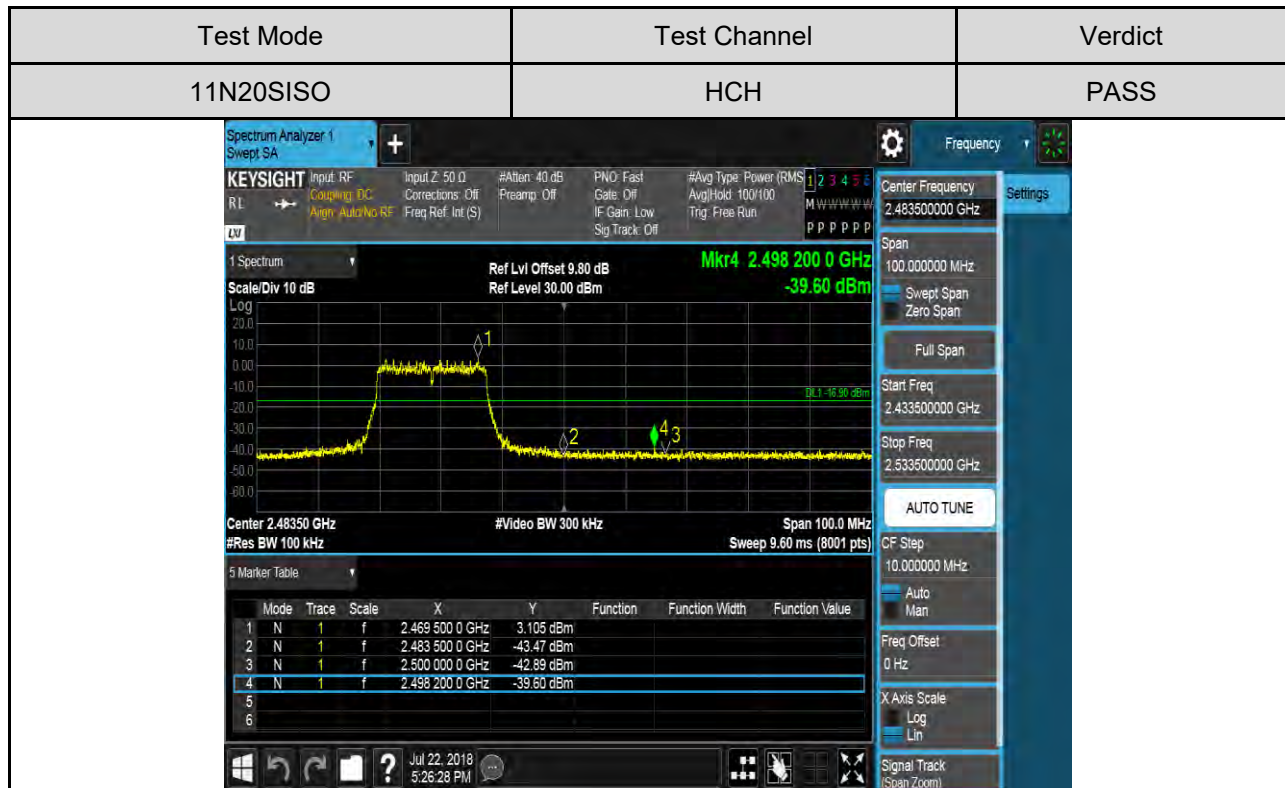
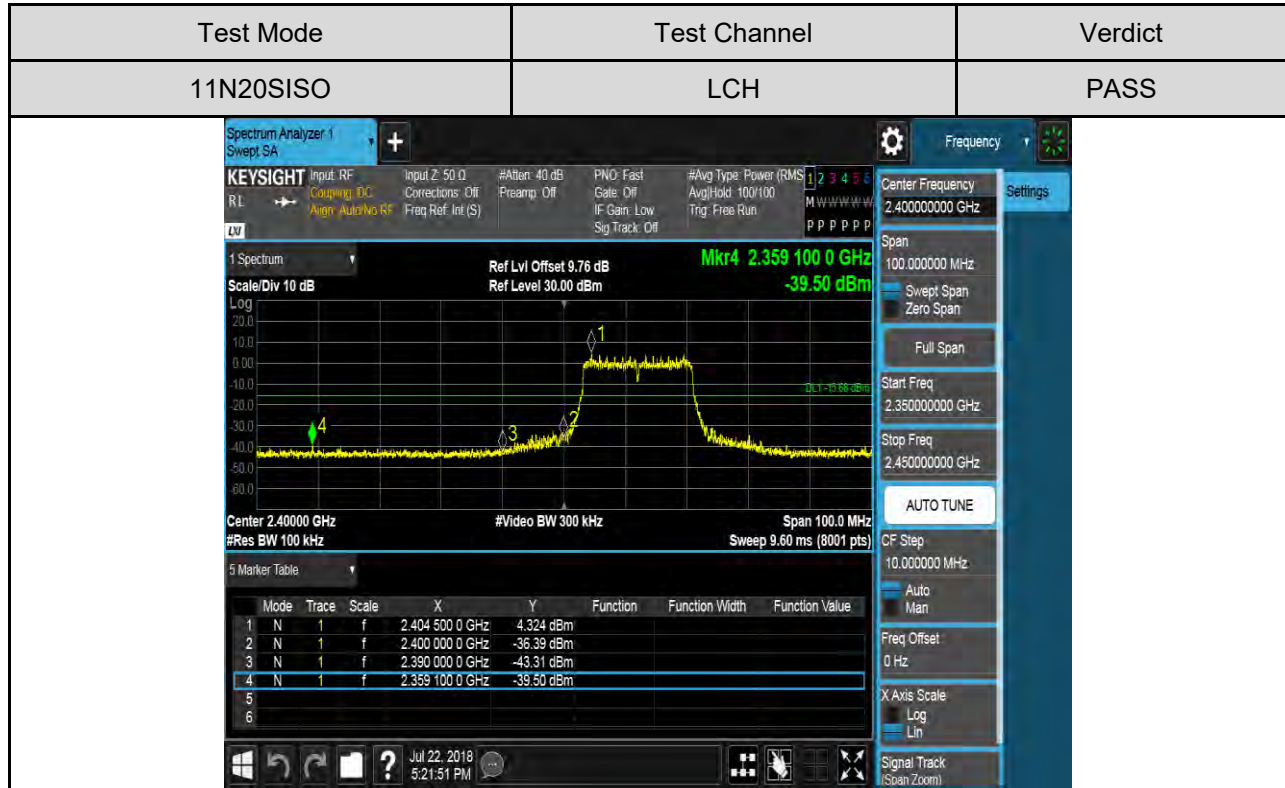
RESULTS TABLE

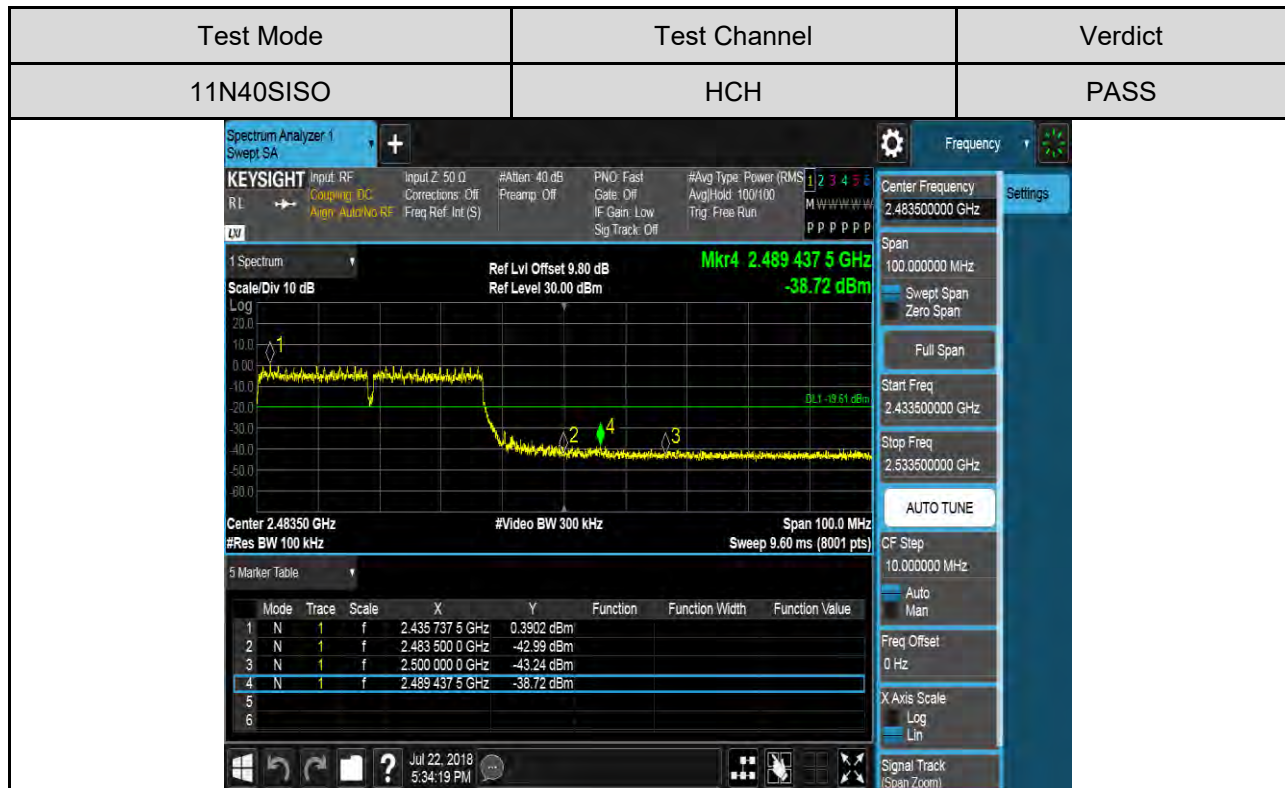
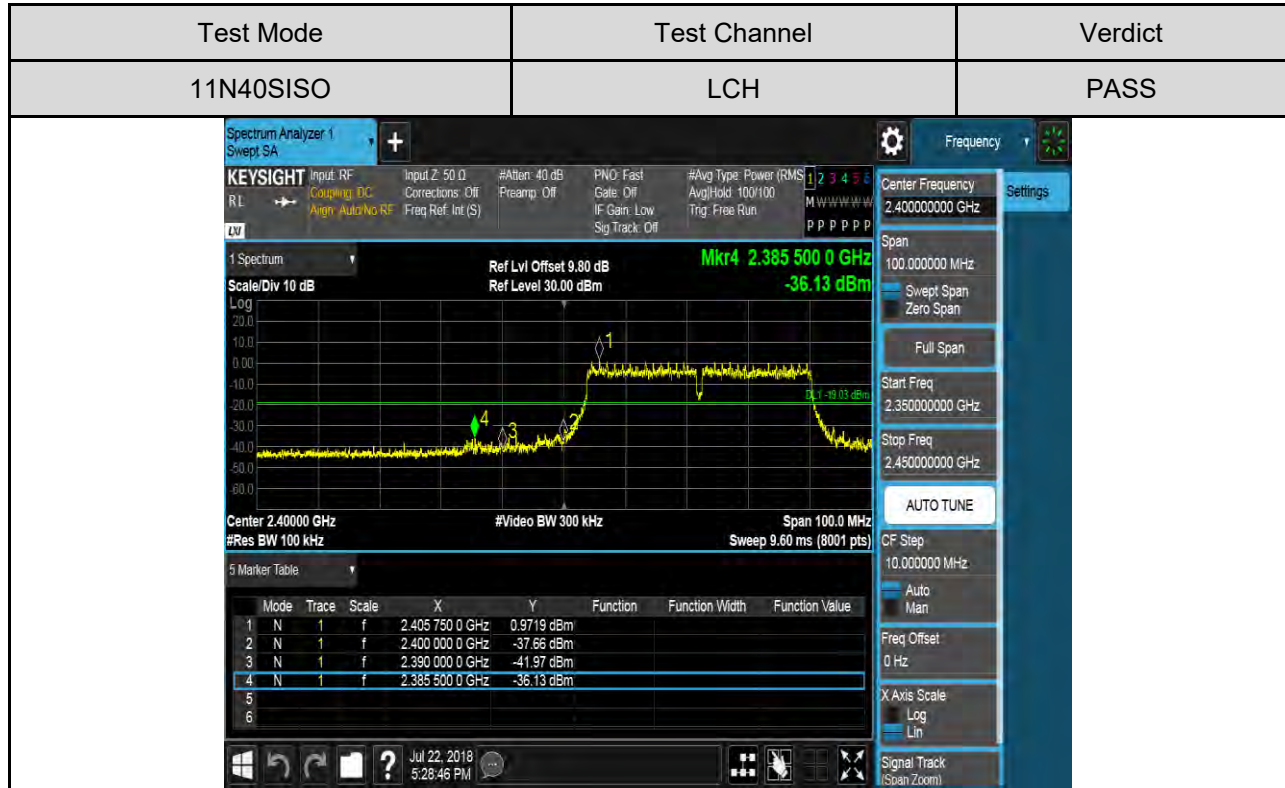
Test Mode	Test Channel	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B SISO	2412	7.262	-39.179	-12.74	PASS
	2462	6.154	-40.126	-13.85	PASS
11G SISO	2412	3.752	-40.158	-16.25	PASS
	2462	2.793	-39.644	-17.21	PASS
11N20SISO	2412	4.324	-39.504	-15.68	PASS
	2462	3.105	-39.597	-16.9	PASS
11N40SISO	2422	0.972	-36.132	-19.03	PASS
	2452	0.390	-38.717	-19.61	PASS

TEST GRAPHS









Part II :Conducted Spurious Emissions

Test Result Table

Test Mode	Channel	Pref(dBm)	Puw(dBm)	Verdict
11B SISO	LCH	7.105	<Limit	PASS
	MCH	6.761	<Limit	PASS
	HCH	6.224	<Limit	PASS
11G SISO	LCH	3.689	<Limit	PASS
	MCH	3.198	<Limit	PASS
	HCH	2.739	<Limit	PASS
11N20SISO	LCH	4.212	<Limit	PASS
	MCH	3.649	<Limit	PASS
	HCH	3.249	<Limit	PASS
11N40SISO	LCH	0.989	<Limit	PASS
	MCH	0.628	<Limit	PASS
	HCH	0.28	<Limit	PASS

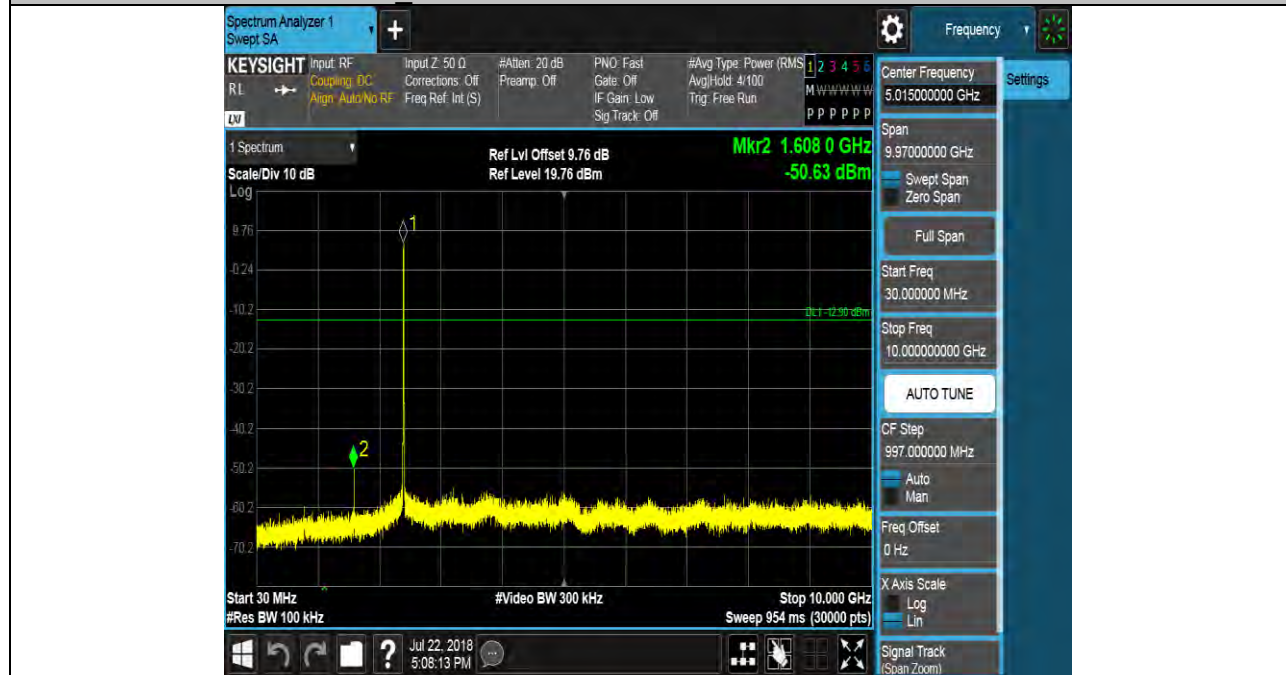
Test Plots

Test Mode	Channel	Verdict
11B SISO	LCH	PASS

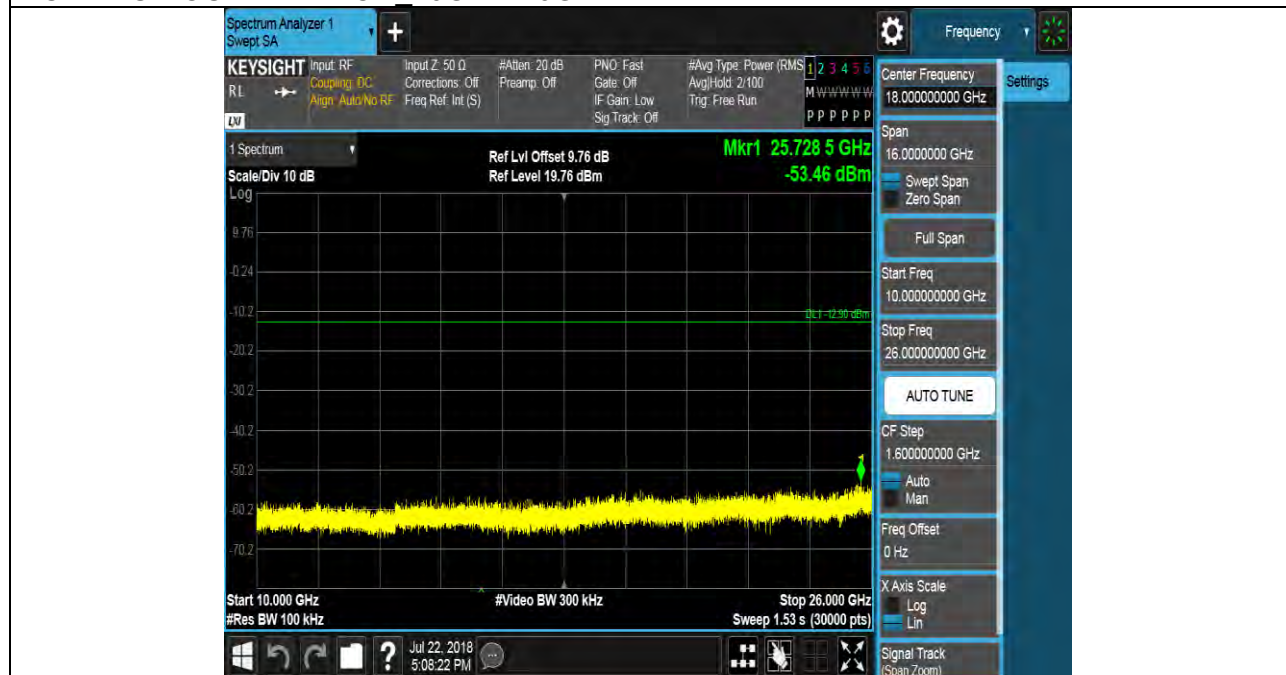
Pref test Plot



LCH SPURIOUS EMISSION 30MHz~10GHz



LCH SPURIOUS EMISSION 10GHz~26GHz



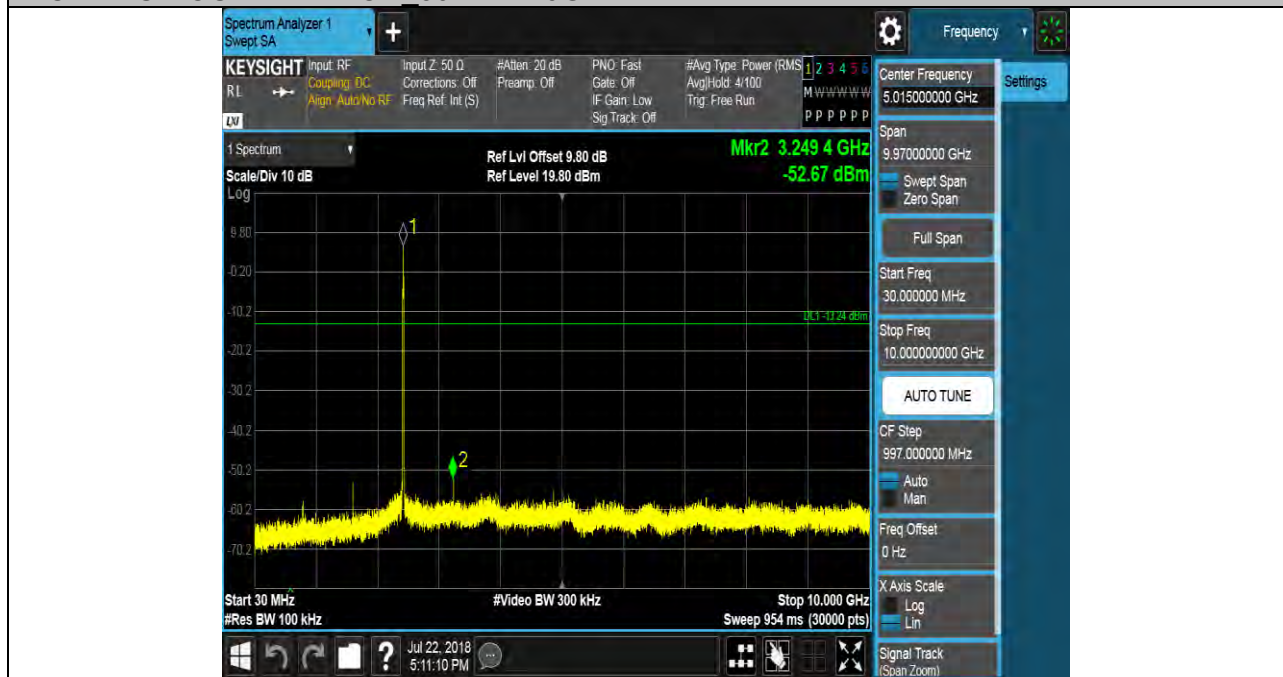
Test Mode	Channel	Verdict
11B SISO	MCH	PASS

Pref test Plot

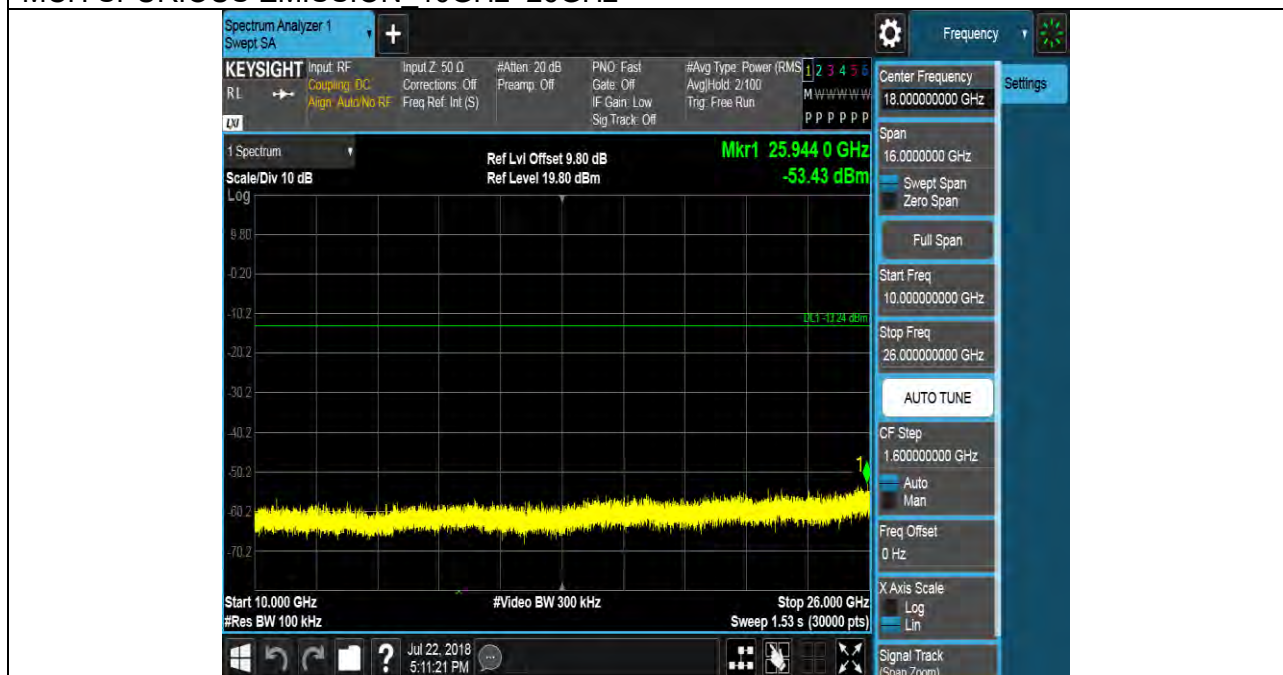
MCH SPURIOUS EMISSION



MCH SPURIOUS EMISSION 30MHz~10GHz



MCH SPURIOUS EMISSION 10GHz~26GHz



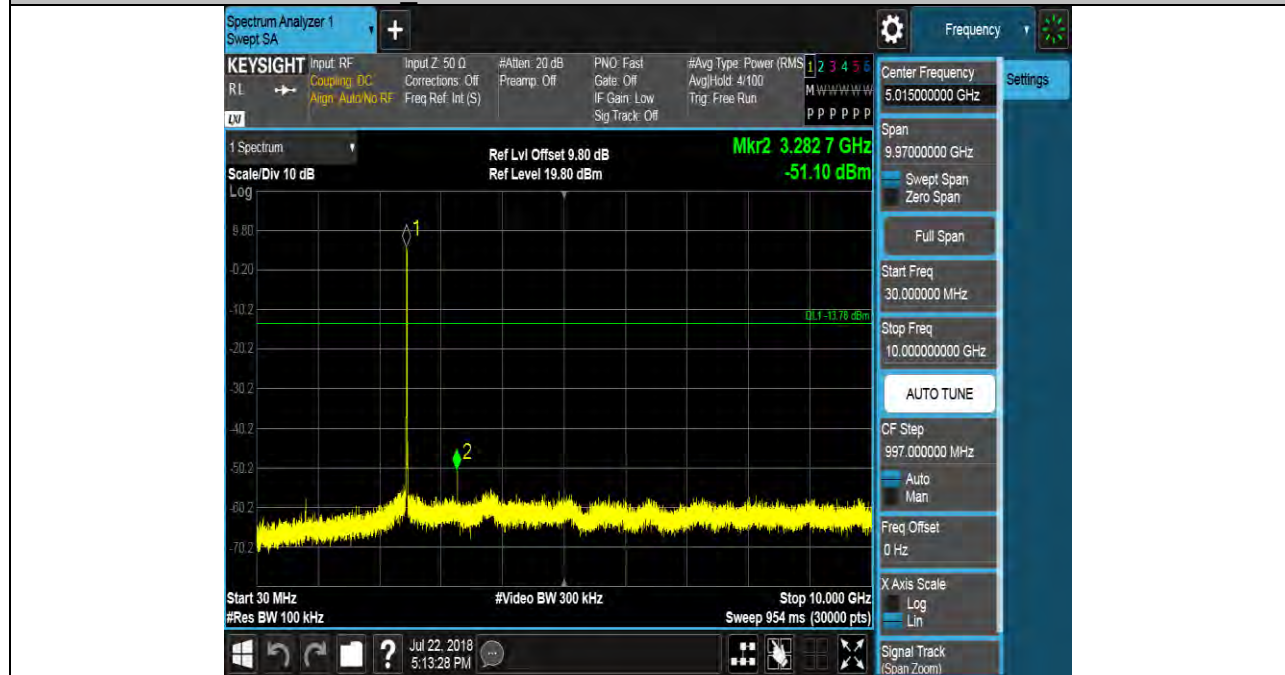
Test Mode	Channel	Verdict
11B SISO	HCH	PASS

Pref test Plot

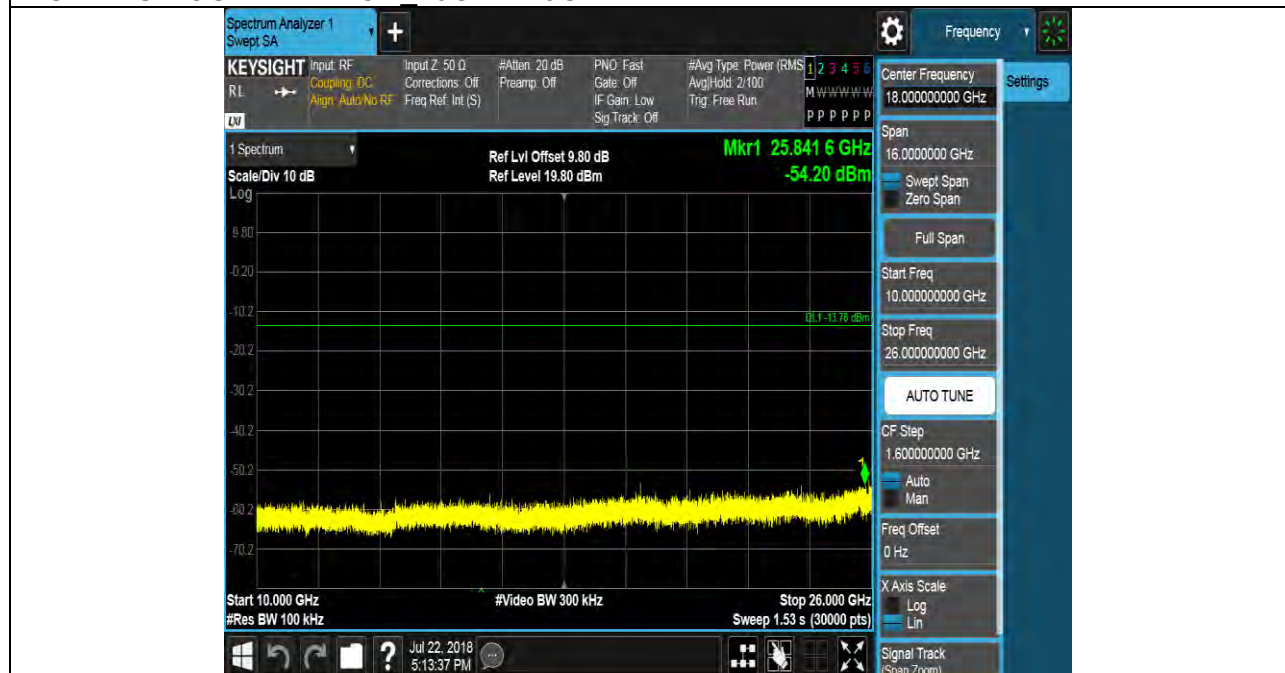
HCH SPURIOUS EMISSION



HCH SPURIOUS EMISSION 30MHz~10GHz



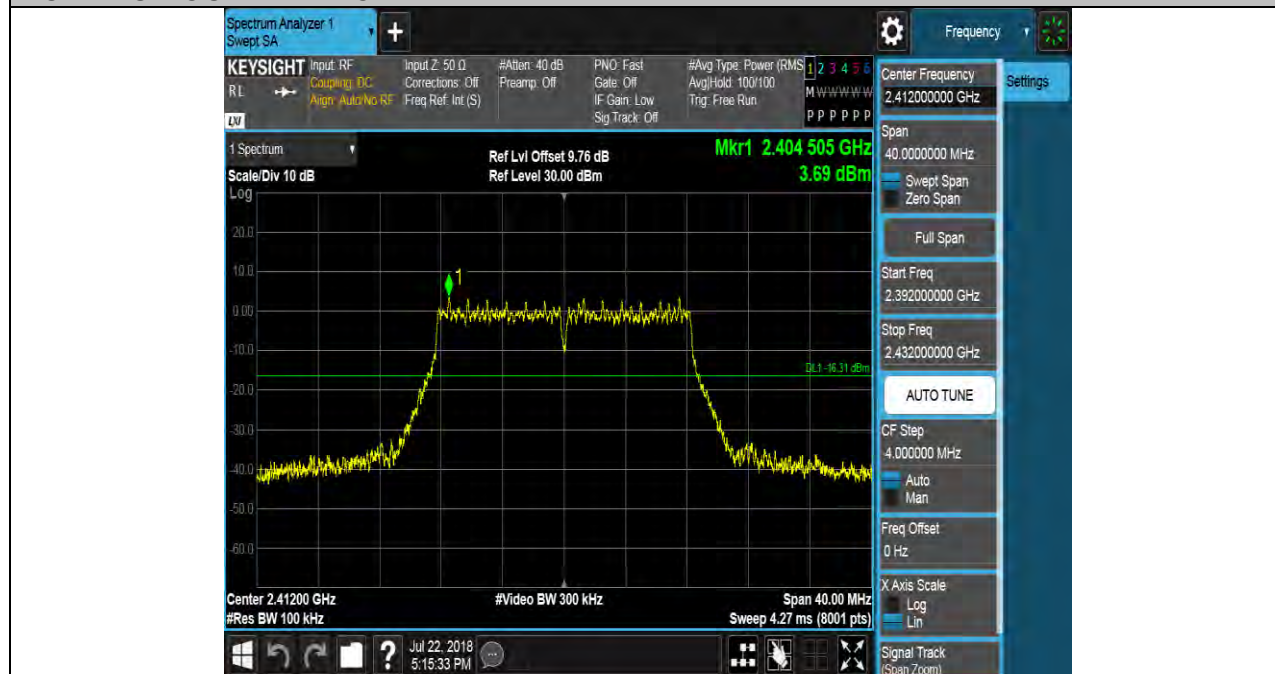
HCH SPURIOUS EMISSION 10GHz~26GHz

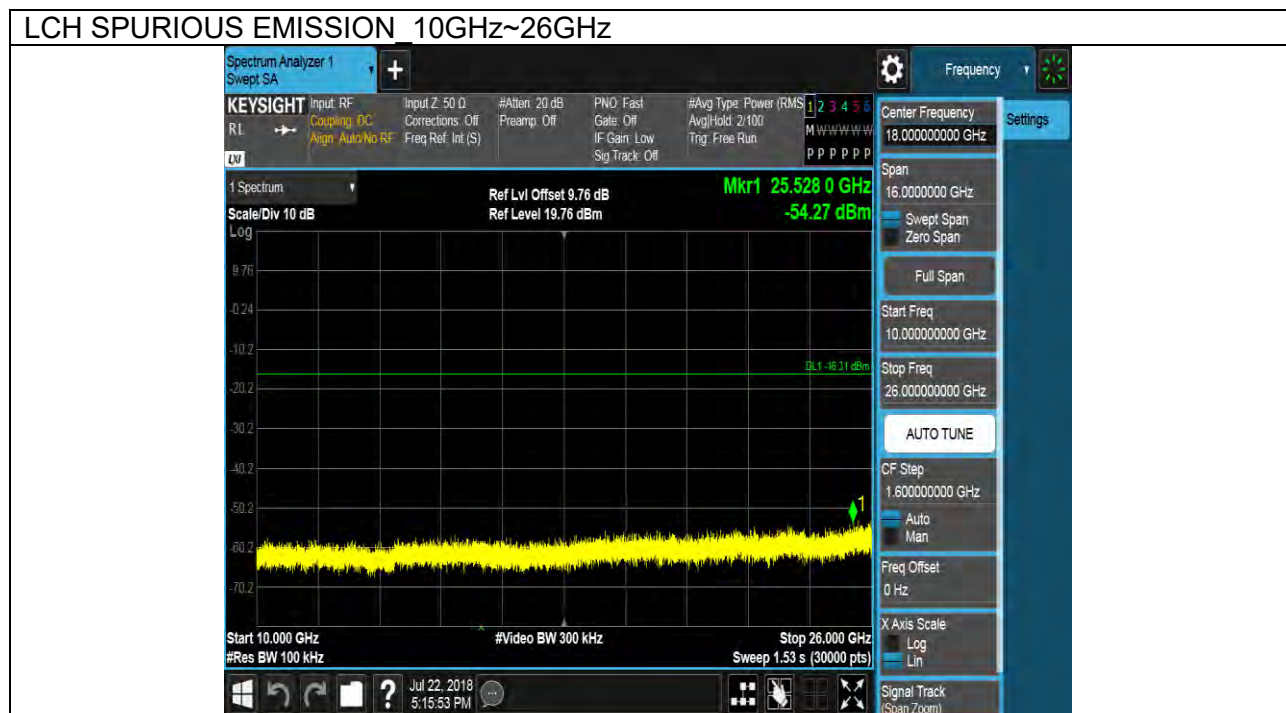
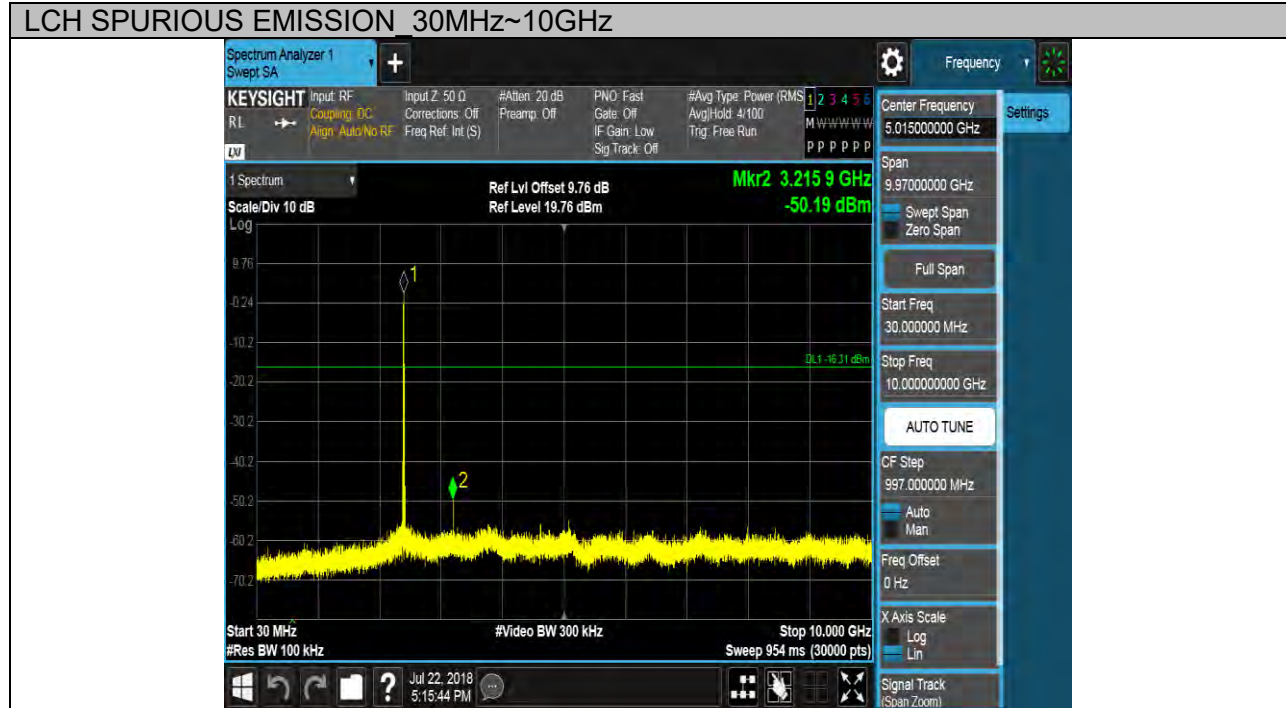


Test Mode	Channel	Verdict
11G SISO	LCH	PASS

Pref test Plot

LCH SPURIOUS EMISSION

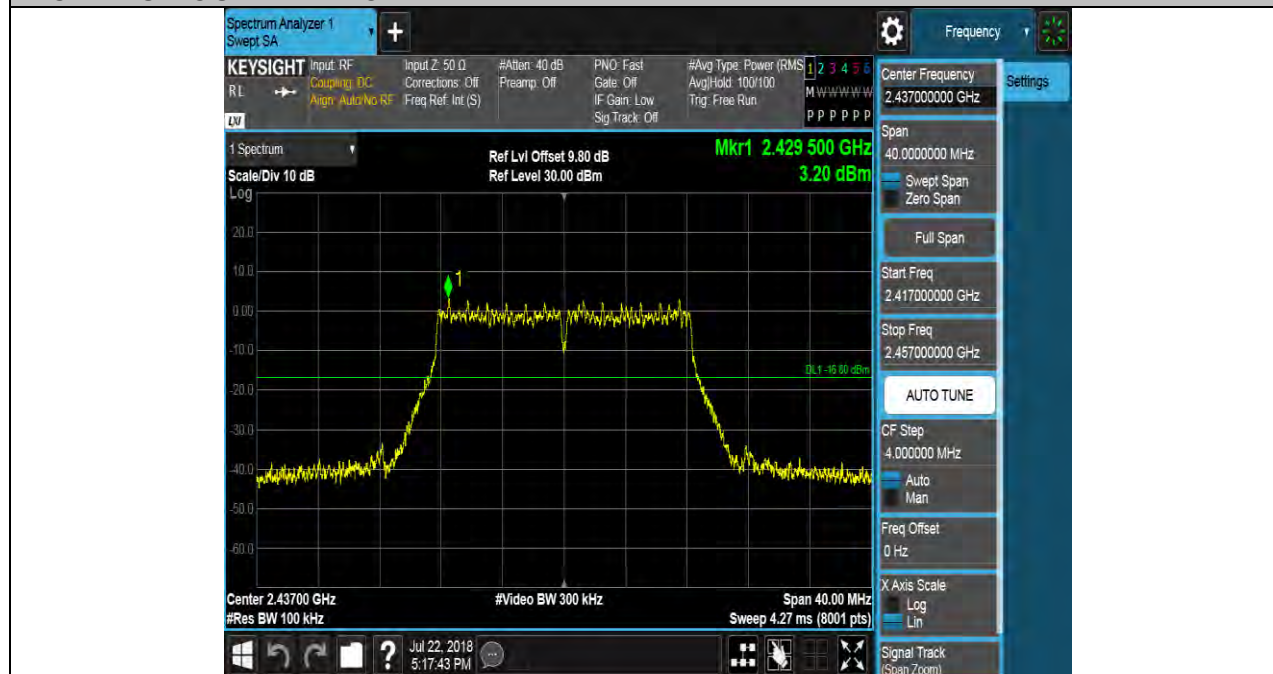




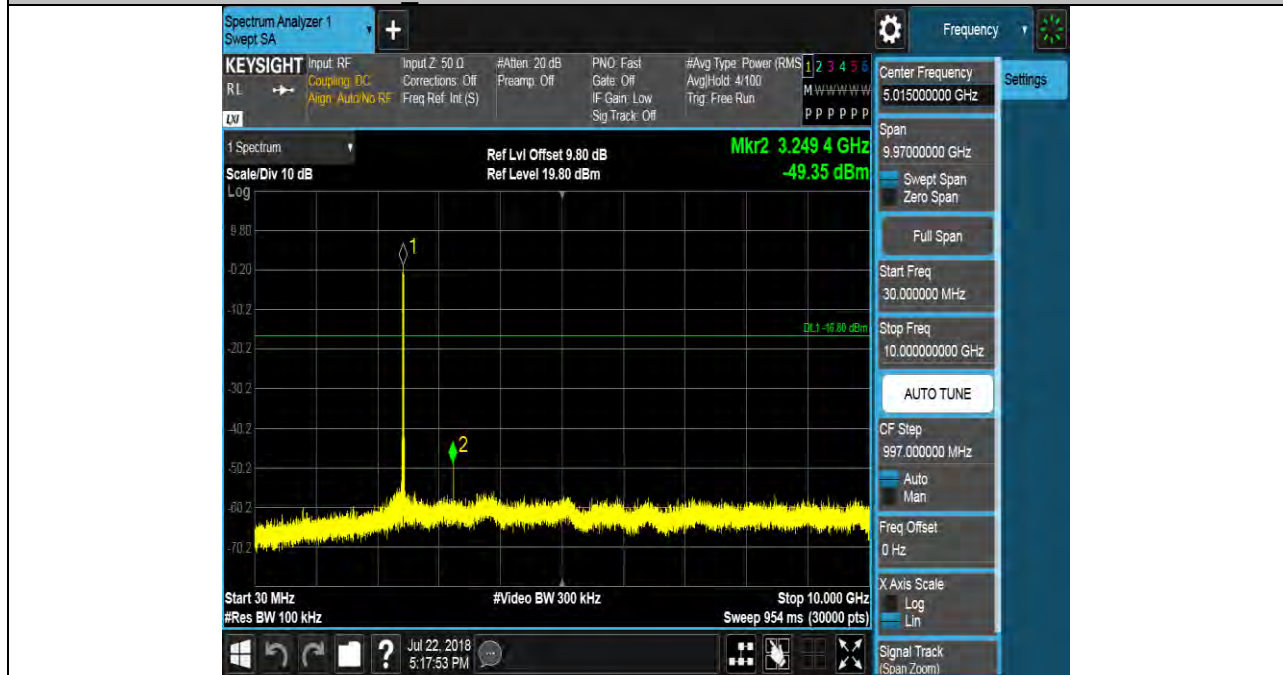
Test Mode	Channel	Verdict
11G SISO	MCH	PASS

Pref test Plot

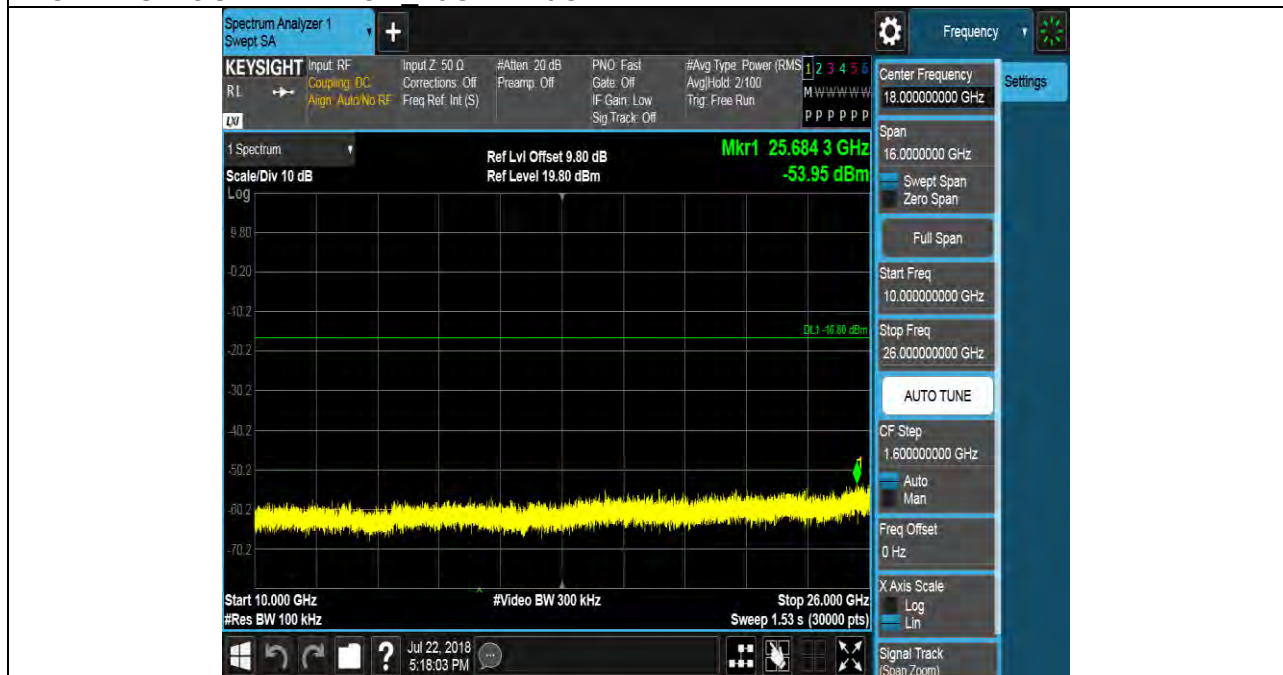
MCH SPURIOUS EMISSION



MCH SPURIOUS EMISSION 30MHz~10GHz



MCH SPURIOUS EMISSION 10GHz~26GHz



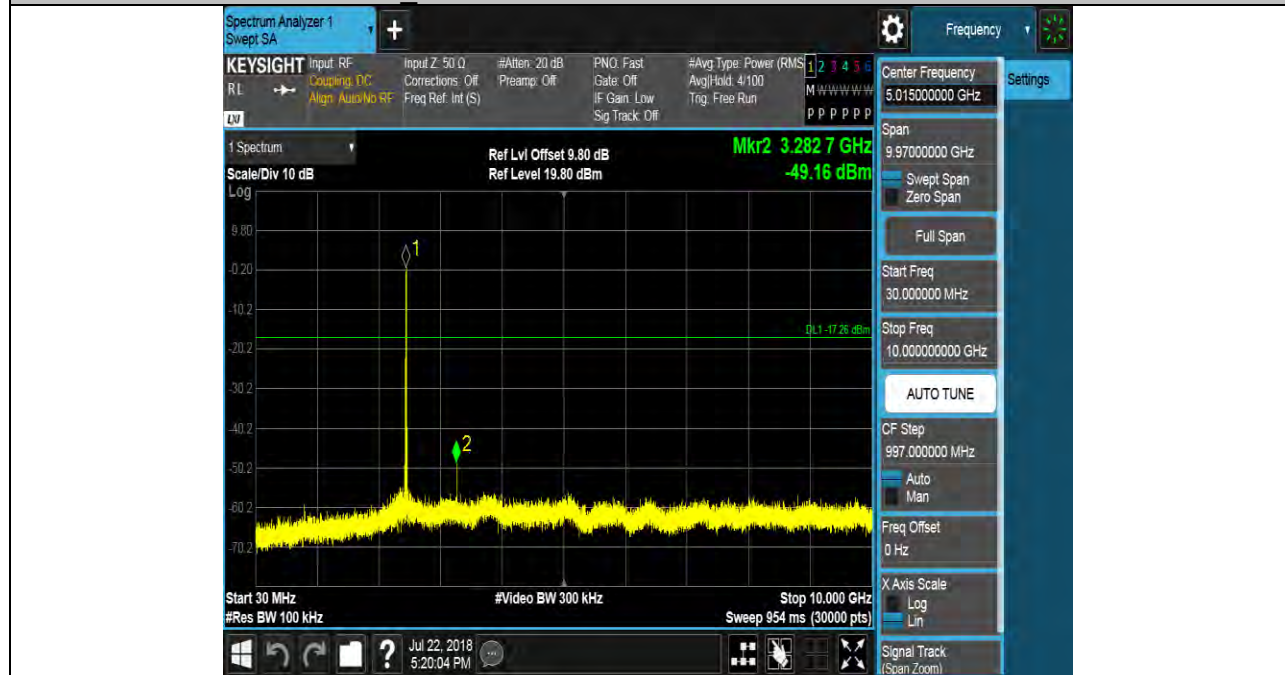
Test Mode	Channel	Verdict
11G SISO	HCH	PASS

Pref test Plot

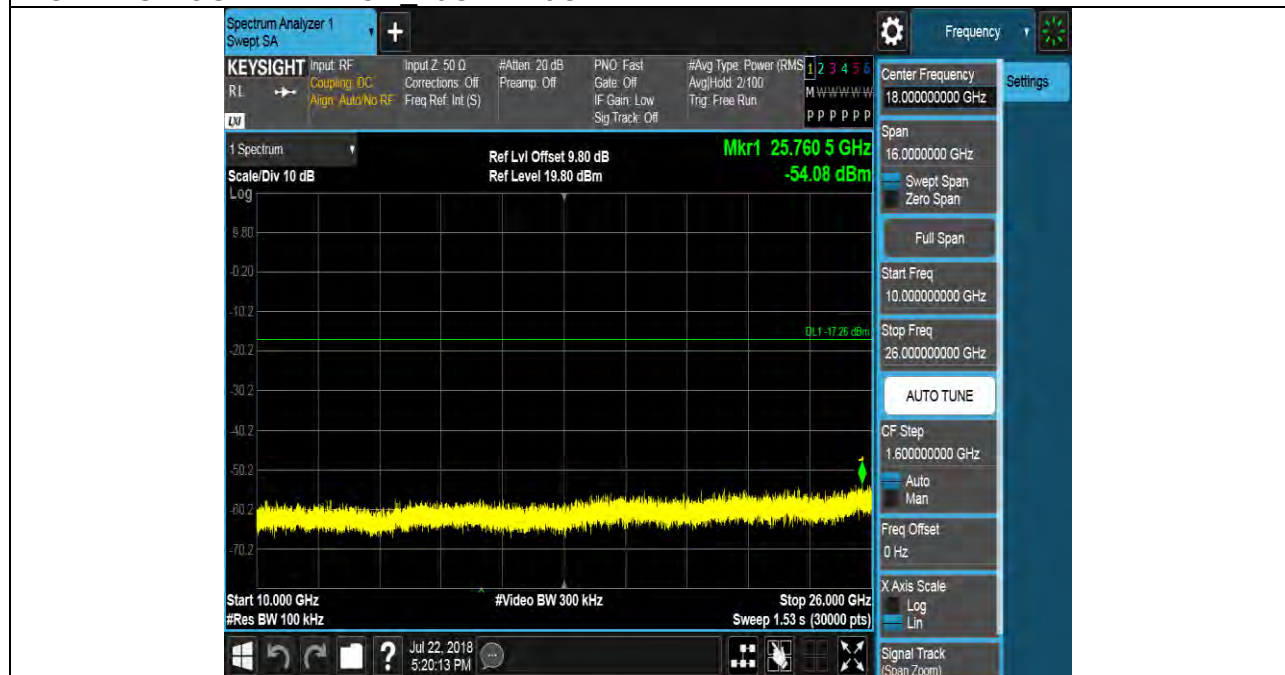
HCH SPURIOUS EMISSION



HCH SPURIOUS EMISSION 30MHz~10GHz



HCH SPURIOUS EMISSION 10GHz~26GHz



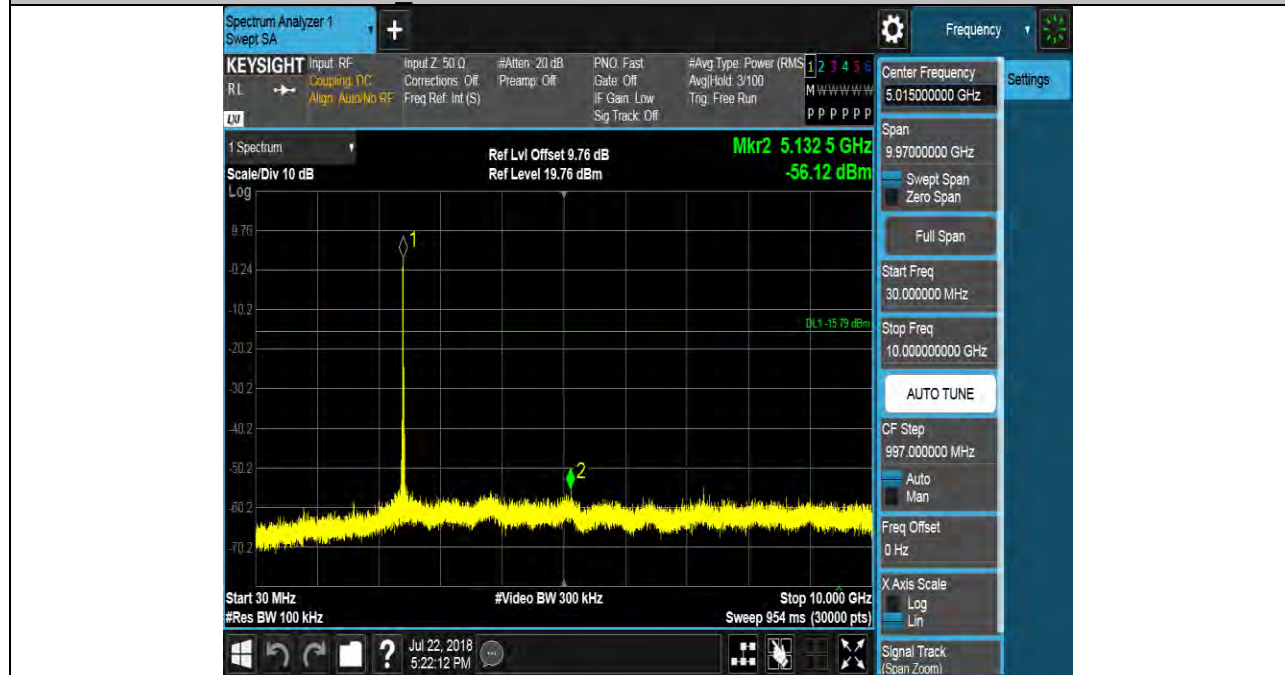
Test Mode	Channel	Verdict
11N20SISO	LCH	PASS

Pref test Plot

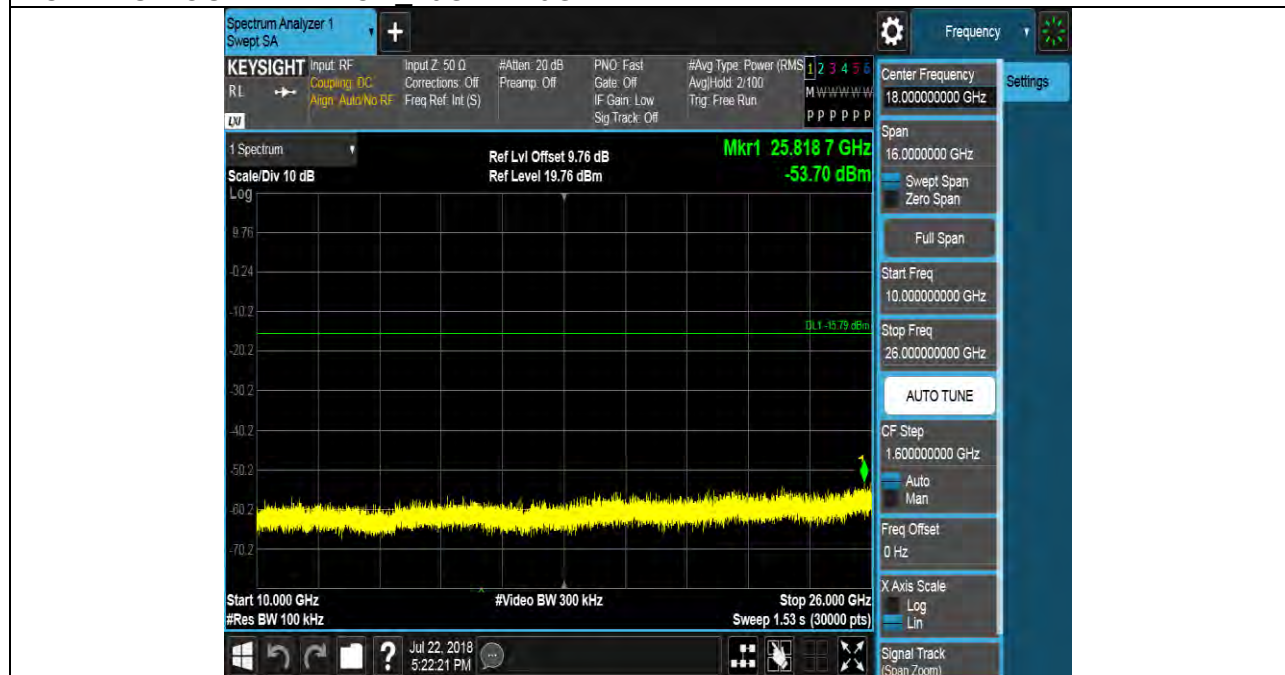
LCH SPURIOUS EMISSION



LCH SPURIOUS EMISSION 30MHz~10GHz



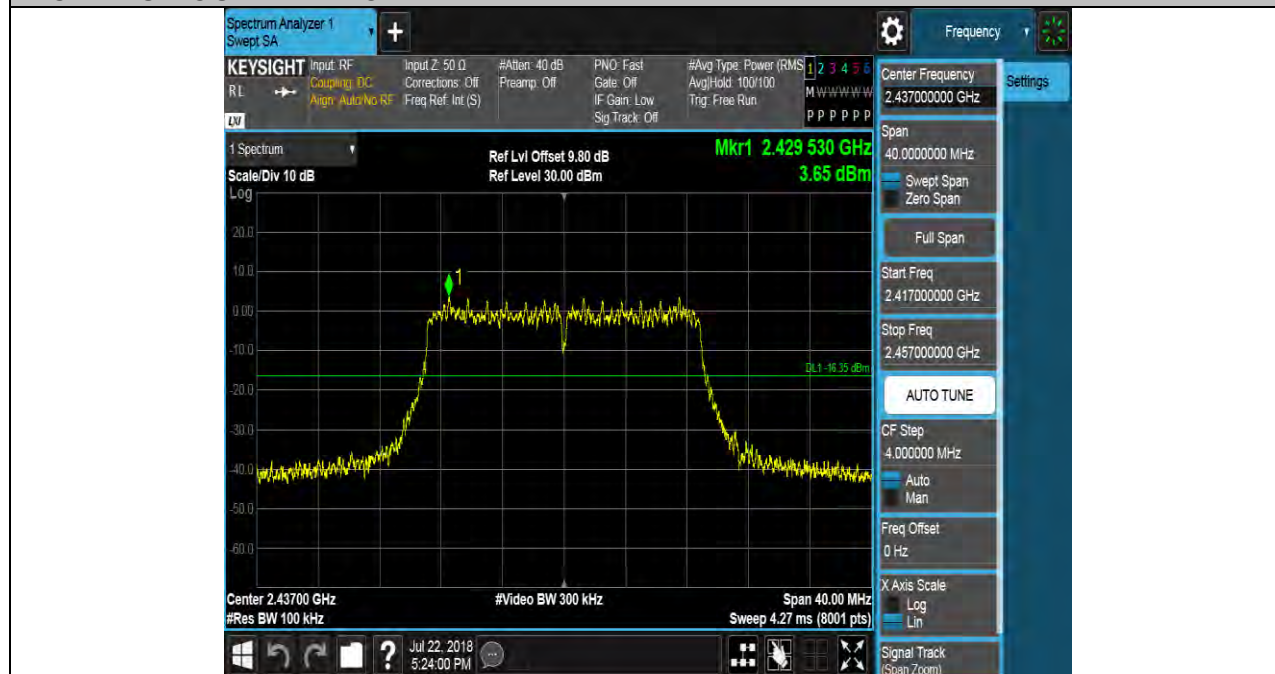
LCH SPURIOUS EMISSION 10GHz~26GHz



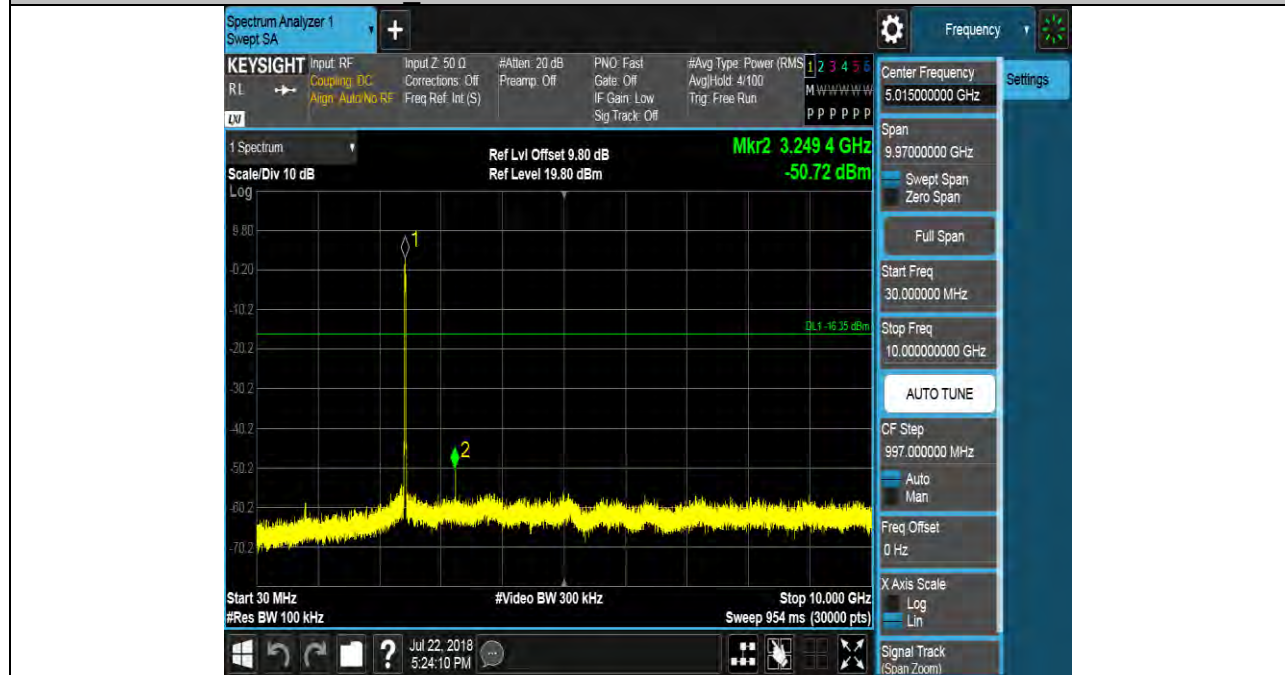
Test Mode	Channel	Verdict
11N20SISO	MCH	PASS

Pref test Plot

MCH SPURIOUS EMISSION



MCH SPURIOUS EMISSION 30MHz~10GHz



MCH SPURIOUS EMISSION 10GHz~26GHz

