FCC Test Report

Application Purpose	: Original grant
Applicant Name:	: INFINIX MOBILITY LIMITED
FCC I D	: 2AIZN-X556
Equipment Type	: Mobile phone
Model Name	: X556
Report Number	: FCC16083919A-7
Standard(S)	: FCC Part 15 Subpart E
Date Of Receipt	: August 19, 2016
Date Of Issue	: September 29, 2016
Test By	misy Rin
Reviewed By	(Daisy Qin) : Sol Gin
Authorized by	(Sol Qin) : Anitheling
Prepared by	(Michal Ling) QTC Certification & Testing Co., Ltd. 2nd Floor,B1 Buiding,Fengyeyuan Industrial Plant,,Liuxian 2st.Road,Xin'an Street,Bao'an District,,Shenzhen, 518000China.

ort Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	September 29, 2016	Valid	Original Report

Table of Contents	Page
1. GENERAL INFORMATION	5
2. TEST DESCRIPTION	8
2.1 MEASUREMENT UNCERTAINTY	8
2.2 DESCRIPTION OF TEST MODES	9
2.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING	10
2.4 CONFIGURATION OF SYSTEM UNDER TEST	11
2.5 DESCRIPTION OF SUPPORT UNITS (CONDUCTED MODE)	11
3. SUMMARY OF TEST RESULTS	12
4. MEASUREMENT INSTRUMENTS	13
5. EMC EMISSION TEST	14
5.1 CONDUCTED EMISSION MEASUREMENT	14
5.1.1 POWER LINE CONDUCTED EMISSION LIMITS	14
5.1.2 TEST PROCEDURE	15
5.1.3 DEVIATION FROM TEST STANDARD	15
5.1.4 TEST SETUP 5.1.5 EUT OPERATING CONDITIONS	15 15
5.1.6 TEST RESULTS	15
5.2 RADIATED EMISSION MEASUREMENT	18
5.2.1 RADIATED EMISSION MEASONEMENT	18
5.2.2 TEST PROCEDURE	18
5.2.3 DEVIATION FROM TEST STANDARD	19
5.2.4 TEST SETUP	20
5.2.5 EUT OPERATING CONDITIONS	21
5.2.5.1 RESULTS (BELOW 30 MHZ) 5.2.5.2 TEST RESULTS (BETWEEN 30M – 1000 MHZ)	22 23
5.2.5.3 TEST RESULTS (BETWEEN 30M – 1000 MHZ) 5.2.5.3 TEST RESULTS (1GHZ TO 40GHZ)	25
6. ANTENNA APPLICATION	34
7 FCC PART 15.407 REQUIREMENTS FOR 802.11A/N SYSTEMS	35
7. 1 Test Equipment	35
7. 2 Test Procedure	35
7. 3 Test Setup	36
7. 4 Configuration of the EUT	36
7. 5 EUT Operating Condition7. 6 Limit	36 37
7. 7 Test Result	37 38
8. BAND EDGE EMISSIONS	82
8. 1 Test Equipment	82
8. 2 Test Procedure	82

	Page 4 of 92
Table of Contents	Page
8. 3 Test Setup	82
8. 4 Configuration of the EUT	82
8. 5 EUT Operating Condition	82
8. 6 Limit	83
8. 7 Test Result	84

1. GENERAL INFORMATION

GENERAL DESCRIPTION OF EUT

VERAL DESCRIP	
Test Model	X556
Applicant	INFINIX MOBILITY LIMITED
Address	RMS 05-15, 13A/F SOUTH TOWER WORLD FINANCE CTR HARBOUR CITY 17 CANTON RD TST KLN HONG KONG
Manufacturer	SHENZHEN TECNO TECHNOLOGY CO.,LTD.
Address	1-4th Floor,3rd Building,Pacific Industrial Park,No.2088,Shenyan Road,Yantian District,Shenzhen,Guangdong,China
Equipment Type	Mobile phone
Brand Name	Infinix
Hardware version:	V1.3
Software version:	X556-H372A1-M-160720V16
Extreme Temp. Tolerance	-10℃ to +65℃
Battery information:	Li-ion Battery : BL-39AX Voltage: 3.85V Capacity: 3950mAh/4000mAh (min/typ) Limited Charge Voltage: 4.4V
Adapter Information:	Adapter: A88-502000 Input: 100-240V 50/60Hz 350mA Output: 5V-2A
Operating Frequency	see the below table
Channels	see the below table
Channel Spacing	see the below table
Modulation Type	see the below table
Antenna Type:	PIFA Antenna
Antenna gain:	-4dBi
Data of receipt	August 19, 2016
Date of test	August 19, 2016 to September 27, 2016
Deviation	None
Condition of Test Sample	Normal

Items	Description	
Modulation	IEEE 802.11a: OFDM	
	IEEE 802.11n: see the below table	
Data Modulation	IEEE 802.11a/n: OFDM (BPSK / QPSK	/ 16QAM / 64QAM)
Data Rate (Mbps)	IEEE 802.11a: OFDM 6,9,12,18,24,36,4	
	IEEE 802.11n: MCS 0-15 up to 150 Mb	ps
Frequency Range	Band 1: 5150 MHz ~ 5250 MHz	
	Band 2: 5250 MHz ~ 5350 MHz	
	Band 4: 5725 MHz ~ 5850 MHz	
Channel Number	13 for 20MHz bandwidth ; 6 for 40MHz	bandwidth
Communication Mode	IP Based (Load Based)	Frame Based
TPC Function	With TPC	Without TPC
Weather Band	With 5600~5650MHz	⊠Without 5600~5650MHz
Beamforming Function	With beamforming	Without beamforming
Operating Mode	Outdoor access point	Indoor access point
	Fixed point-to-point access points	Mobile and portable client device
	Master	Slave with radar detection
	Slave without radar detection	

Antenna	One (TX)	
Band width Mode	20 MHz	40 MHz
IEEE 802.11a	V	Х
IEEE 802.11n	V	V

Protocol	Number of Transmit Chains (NTX)	Data Rate / MCS
802.11n (HT20)	1	MCS 0-15
802.11n (HT40)	1	MCS 0-15
Note 1: IEEE Std. 802.11n modulation consists of HT20 and HT40 (HT: High Throughput).		

Then EUT supports HT20 and HT40. Note 2: Modulation modes consist of below configuration: HT20/HT40: IEEE 802.11n

We hereby certify that:

All measurement facilities used to collect the measurement data are located at QTC Certification & Testing Co., Ltd.

Registration Number: 588523

The data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C 63.4:2014 and TIA/EIA 603. The sample tested as described in this report is in compliance with the FCC Rules Part15 Subpart E. ALL the testing was referenced KDB NO. 789033.

The test results of this report relate only to the tested sample identified in this report.

2. TEST DESCRIPTION

2.1 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement y \pm U $\,^{,}$ where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of ~k=2 $\,^{,}$ providing a level of confidence of approximately 95 % $\,^{\circ}$

No.	Item	Uncertainty
1	Conducted Emission Test	±3.2dB
2	RF power, conducted	±0.16dB
3	Spurious emissions, conducted	±0.21dB
4	All emissions, radiated(<1G)	±4.7dB
5	All emissions, radiated(>1G)	±4.7dB
6	Temperature	±0.5°C
7	Humidity	±2%

2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	802.11a
Mode 2	802.11n20
Mode 3	802.11n40

For Conducted Emission	
Final Test Mode	Description
Mode 1 802.11a	

For Radiated Emission	
Final Test Mode	Description
Mode 1	802.11a
Mode 2	802.11n20
Mode 3	802.11n40

Note:

(1) The measurements are performed at the highest, lowest available channels.

(2) The EUT use new battery.

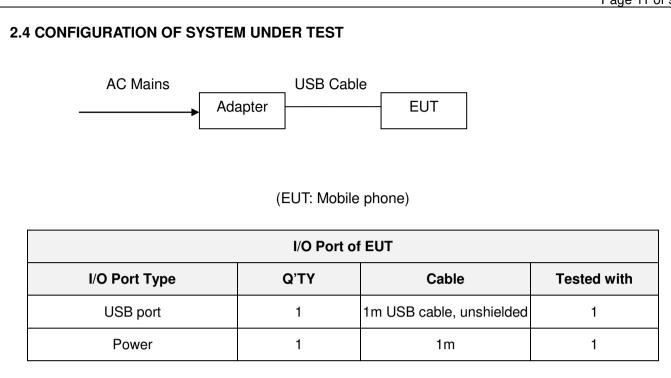
(3) Record the worst case of each test item in this report.

2.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of FHSS

Test Software	N/A									
Test		*#3646633#*								
program										
Mode					Tes	st Freque	ncy (MH	z)		
NIUGE						NCB: 2	0MHz			
802.11a	5180 MHz	5240 MHz	5260 MHz	5320 MHz	5745 MHz	5825 MHz				
802.11n MCS0 VHT20	5180 MHz	5240 MHz	5260 MHz	5320 MHz	5745 MHz	5825 MHz				
Mode						NCB: 4	0MHz			
802.11n MCS0 VHT40	5190 MHz	5230 MHz	5270 MHz	5310 MHz	5755 MHz	5795 MHz				
During testi										

operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.



2.5 DESCRIPTION OF SUPPORT UNITS (CONDUCTED MODE)

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
1	Adapter	/	CQ-24JX	/	/
2	Earphone	/	N/A	/	/

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in $\[$ Length $\]$ column.
- (3) "YES" is means "shielded" "with core"; "NO" is means "unshielded" "without core".
- (4) The adapter supply by the applicant.

3. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15 Subpart E						
Standard Section	Test Item	Judgment	Remark			
2.1049 15.403(i)	26dB & 99% Bandwidth	PASS	Complies			
15.407(e)	6dB Spectrum Bandwidth	PASS	Complies			
15.407(a)	Maximum Conducted Output Power	PASS	Complies			
15.407(a)	Power Spectral Density	PASS	Complies			
15.407(b)	Unwanted Emissions	PASS	Complies			
15.207	AC Conducted Emission	PASS	Complies			
15.407(g)	Frequency Stability	PASS	Complies			
15.407(c)	Automatically Discontinue Transmission	PASS	Complies			
15.203 & 15.407(a)	Antenna Requirement	PASS	Complies			
15.407(h)	Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS)	PASS	Complies			

NOTE:

(1)" N/A" denotes test is not applicable in this test report.

4. MEASUREMENT INSTRUMENTS

MEASUREMENT	INSTRUMENTS				
NAME OF EQUIPMENT	MANUFACTURER	MODEL	SERIAL NUMBER	CALIBRATION DATE	CALIBRATI ON DUE.
EMI Test Receiver	R&S	ESCI	100005	08/19/2016	08/18/2017
LISN	AFJ	LS16	16010222119	08/19/2016	08/18/2017
LISN(EUT)	Mestec	AN3016	04/10040	08/19/2016	08/18/2017
Universal Radio Communication Tester	R&S	CMU 200	1100.0008.02	08/19/2016	08/18/2017
Coaxial cable	Megalon	LMR400	N/A	08/12/2016	08/11/2017
GPIB cable	Megalon	GPIB	N/A	08/12/2016	08/11/2017
Spectrum Analyzer	R&S	FSU	100114	08/19/2016	08/18/2017
Pre Amplifier	H.P.	HP8447E	2945A02715	10/13/2015	10/12/2016
Pre-Amplifier	CDSI	PAP-1G18-38		10/13/2015	10/12/2016
Bi-log Antenna	SUNOL Sciences	JB3	A021907	09/13/2016	09/12/2017
9*6*6 Anechoic				08/21/2016	08/20/2017
Horn Antenna	COMPLIANCE ENGINEERING	CE18000		09/13/2016	09/12/2017
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-631	08/23/2016	08/22/2017
Cable	TIME MICROWAVE	LMR-400	N-TYPE04	04/25/2016	04/24/2017
System-Controller	CCS	N/A	N/A	N.C.R	N.C.R
Turn Table	CCS	N/A	N/A	N.C.R	N.C.R
Antenna Tower	CCS	N/A	N/A	N.C.R	N.C.R
RF cable	Murata	MXHQ87WA3000	-	08/21/2016	08/20/2017
Loop Antenna	EMCO	6502	00042960	08/22/2016	08/21/2017
Horn Antenna	SCHWARZBECK	BBHA 9170	1123	08/19/2016	08/18/2017
Power meter	Anritsu	ML2487A	6K00003613	08/23/2016	08/22/2017
Power sensor	Anritsu	MX248XD		08/19/2016	08/18/2017

5. EMC EMISSION TEST

5.1 CONDUCTED EMISSION MEASUREMENT

5.1.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

	Class A (dBuV)		Class B	Standard	
FREQUENCY (MHz)	Quasi-peak	Average	Quasi-peak	Average	Stanuaru
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	73.00	60.00	56.00	46.00	FCC
5.0 -30.0	73.00	60.00	60.00	50.00	FCC

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

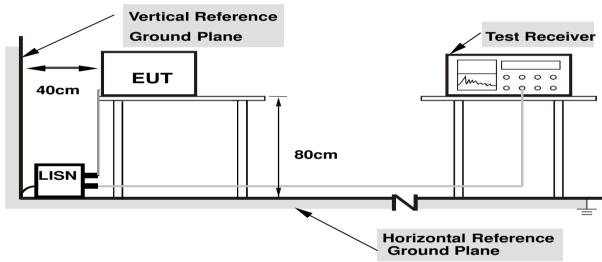
5.1.2 TEST PROCEDURE

- a. The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

5.1.3 DEVIATION FROM TEST STANDARD

No deviation

5.1.4 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

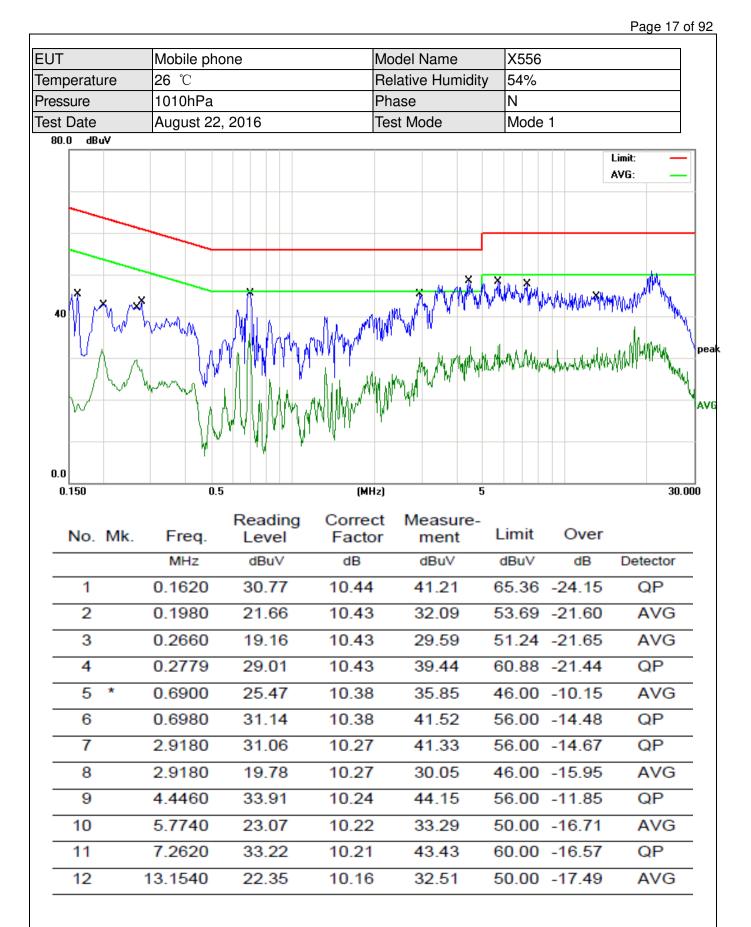
5.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

5.1.6 TEST RESULTS

EUT	Mobile phon	е	Mod	del Name	X556		
Temperature	26 ℃		Rela	Relative Humidity 54%		4%	
Pressure	1010hPa		Pha	Phase L		L	
Test Date	August 22, 2	2016	Tes	t Mode	Mode	1	
80.0 dBuV							
							Limit: -
							AVG: –
×							
AMAL		×	X V	Y V			. <u></u>
40	A A A	10	Manallant	M. M. Munn	h Marine	har i	ALL
40	murry	MARMAN	White the	the date of the states	n ihan haa	while all the providence	tabutuh. W
- at	NA MAN		Alla Ala w	a Minu .			1.00
$ \mathcal{N}^{\circ}$	VWW .	Y L MLN IV	MW N.	MWWW	WMM.	muluuhahah	WWWWWW
	(^ <i>\</i> }"		hin Mi	h			11 I. MA
	γw	Y YYY Y					
0.0							
0.150	0.5		(MHz)	5			30
		Reading	Correct	Measure-		0	
No. M		Level	Factor	ment	Limit	Over	
						dD	
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	0.1580	dBuV 38.72	ав 10.44	dBu∨ 49.16		-16.40	Detector QP
1					65.56		
	0.1580	38.72	10.44	49.16	65.56 51.29	-16.40	QP
2	0.1580 0.2644	38.72 20.76	10.44 10.43	49.16 31.19	65.56 51.29 56.00	-16.40 -20.10	QP AVG
2	0.1580 0.2644 0.6780	38.72 20.76 32.05	10.44 10.43 10.38	49.16 31.19 42.43	65.56 51.29 56.00 46.00	-16.40 -20.10 -13.57	QP AVG QP
2 3 4 *	0.1580 0.2644 0.6780 0.6780	38.72 20.76 32.05 29.37	10.44 10.43 10.38 10.38	49.16 31.19 42.43 39.75	65.56 51.29 56.00 46.00 46.00	-16.40 -20.10 -13.57 -6.25	QP AVG QP AVG
2 3 4 * 5 6	0.1580 0.2644 0.6780 0.6780 1.3220 1.3300	38.72 20.76 32.05 29.37 25.89 33.11	10.44 10.43 10.38 10.38 10.32 10.32	49.16 31.19 42.43 39.75 36.21 43.43	65.56 51.29 56.00 46.00 46.00 56.00	-16.40 -20.10 -13.57 -6.25 -9.79 -12.57	QP AVG QP AVG AVG QP
2 3 4 * 5 6 7	0.1580 0.2644 0.6780 0.6780 1.3220 1.3300 1.9580	38.72 20.76 32.05 29.37 25.89 33.11 24.51	10.44 10.43 10.38 10.38 10.32 10.32 10.29	49.16 31.19 42.43 39.75 36.21 43.43 34.80	65.56 51.29 56.00 46.00 46.00 56.00 46.00	-16.40 -20.10 -13.57 -6.25 -9.79 -12.57 -11.20	QP AVG QP AVG AVG QP AVG
2 3 4 * 5 6 7 8	0.1580 0.2644 0.6780 0.6780 1.3220 1.3300 1.9580 2.8820	38.72 20.76 32.05 29.37 25.89 33.11 24.51 31.85	10.44 10.43 10.38 10.38 10.32 10.32 10.29 10.27	49.16 31.19 42.43 39.75 36.21 43.43 34.80 42.12	65.56 51.29 56.00 46.00 46.00 56.00 46.00	-16.40 -20.10 -13.57 -6.25 -9.79 -12.57 -11.20 -13.88	QP AVG QP AVG AVG QP AVG QP
2 3 4 * 5 6 7 8 9	0.1580 0.2644 0.6780 0.6780 1.3220 1.3300 1.9580 2.8820 3.5540	38.72 20.76 32.05 29.37 25.89 33.11 24.51 31.85 21.74	10.44 10.43 10.38 10.38 10.32 10.32 10.29 10.27 10.26	49.16 31.19 42.43 39.75 36.21 43.43 34.80 42.12 32.00	65.56 51.29 56.00 46.00 56.00 46.00 56.00 46.00	-16.40 -20.10 -13.57 -6.25 -9.79 -12.57 -11.20 -13.88 -14.00	QP AVG QP AVG QP AVG QP AVG QP
2 3 4 * 5 6 7 8 9 10	0.1580 0.2644 0.6780 0.6780 1.3220 1.3300 1.9580 2.8820 3.5540 4.3020	38.72 20.76 32.05 29.37 25.89 33.11 24.51 31.85 21.74 31.25	10.44 10.43 10.38 10.38 10.32 10.32 10.29 10.27 10.26 10.24	49.16 31.19 42.43 39.75 36.21 43.43 34.80 42.12 32.00 41.49	65.56 51.29 56.00 46.00 56.00 46.00 56.00 46.00 56.00	-16.40 -20.10 -13.57 -6.25 -9.79 -12.57 -11.20 -13.88 -14.00 -14.51	QP AVG QP AVG QP AVG QP AVG QP AVG
2 3 4 * 5 6 7 8 9	0.1580 0.2644 0.6780 0.6780 1.3220 1.3300 1.9580 2.8820 3.5540	38.72 20.76 32.05 29.37 25.89 33.11 24.51 31.85 21.74	10.44 10.43 10.38 10.38 10.32 10.32 10.29 10.27 10.26	49.16 31.19 42.43 39.75 36.21 43.43 34.80 42.12 32.00	65.56 51.29 56.00 46.00 56.00 46.00 56.00 56.00 50.00	-16.40 -20.10 -13.57 -6.25 -9.79 -12.57 -11.20 -13.88 -14.00	QP AVG QP AVG QP AVG QP AVG QP

Remark: All the modes have been investigated, and only worst mode is presented in this report.



Remark: All the modes have been investigated, and only worst mode is presented in this report.

5.2 RADIATED EMISSION MEASUREMENT

5.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies	Field Strength	Measurement Distance
(MHz)	(micorvolts/meter)	(meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Limit (dBuV/m) (at 3M)			
	PEAK	AVERAGE		
Above 1000	74	54		

Notes:

(1) The limit for radiated test was performed according to FCC PART 15C.

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

Spectrum Parameter	Setting		
Attenuation	Auto		
Start Frequency	1000 MHz		
Stop Frequency	10th carrier harmonic		
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average		

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

5.2.2 TEST PROCEDURE

a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.

- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos. Note:

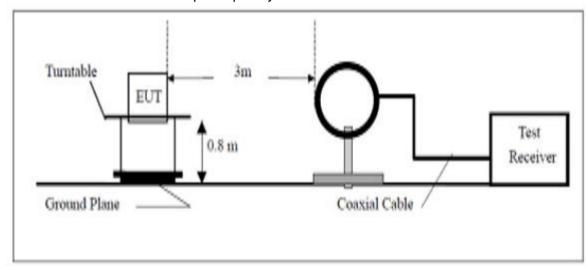
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

5.2.3 DEVIATION FROM TEST STANDARD

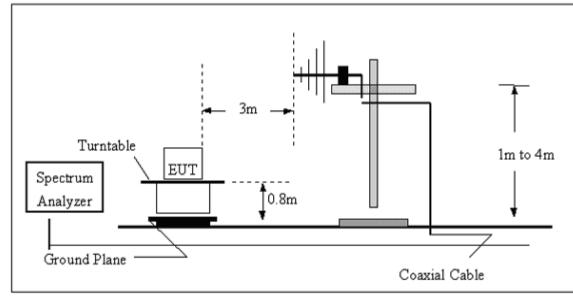
No deviation

5.2.4 TEST SETUP

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



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz





(C) Radiated Emission Test-Up Frequency Above 1GHz

5.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

5.2.5.1 RESULTS (BELOW 30 MHZ)

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Polarization	
Test Mode	Mode 1	Test Date	August 22, 2016

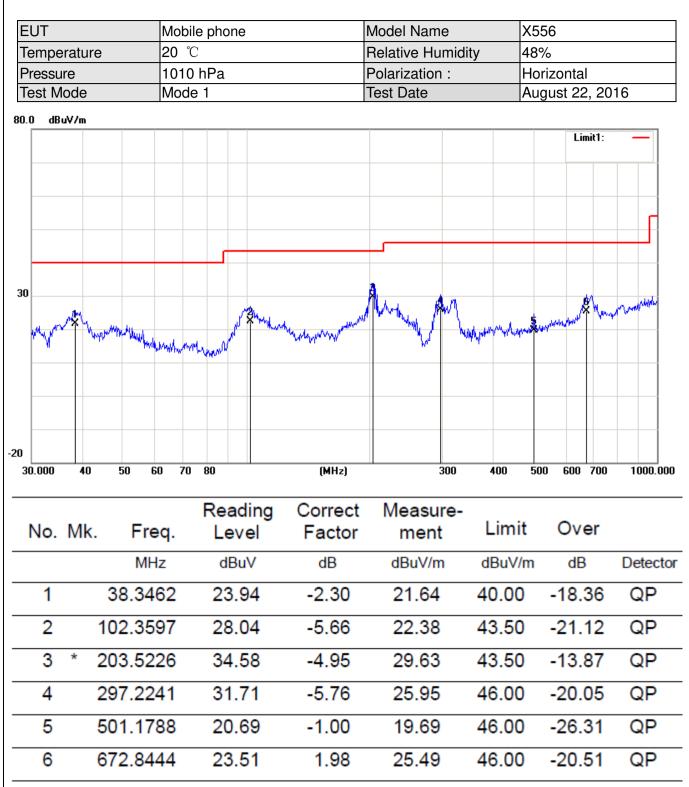
Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
				Р
				Р

NOTE:

No result in this part for margin above 20dB.

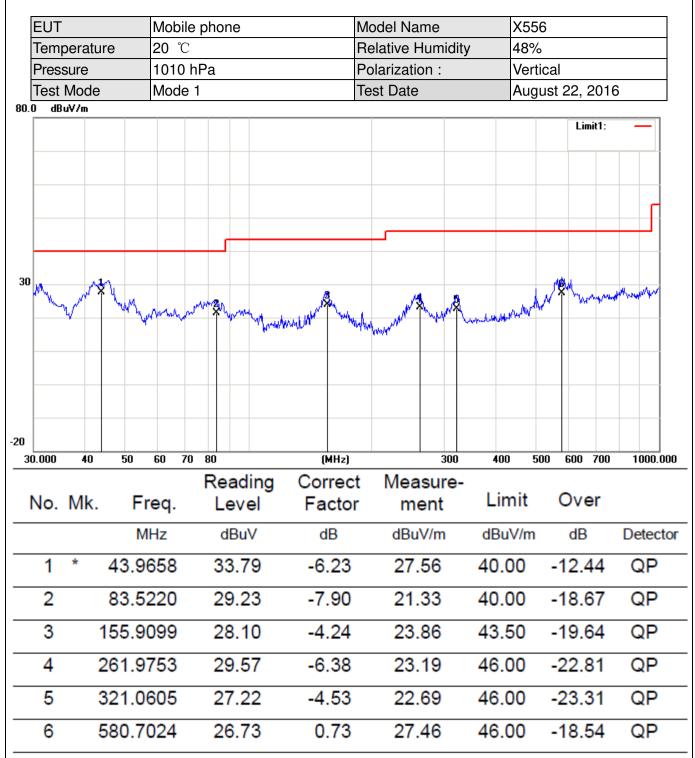
Distance extrapolation factor =20 log (specific distance/test distance)(dB);

Limit line = specific limits(dBuV) + distance extrapolation factor.



5.2.5.2 TEST RESULTS (BETWEEN 30M – 1000 MHZ)

Remark: All the modes have been investigated, and only worst mode is presented in this report.



Remark: All the modes have been investigated, and only worst mode is presented in this report.

5.2.5.3 TEST RESULTS (1GHZ TO 40GHZ)

EUT	Mobile phone	Model Name	X556
Temperature		Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 1 TX
Test Date	August 22, 2016	Frequency	5180MHz

Freq.	Ant.	Emission		Limit		Over(dB)	
(MHz)	Pol.	Level(Level(dBuV)		3m(dBuV/m)		
	H/V	PK	AV	PK	AV	PK	AV
10360	V	58.83	39.11	74	54	-15.17	-14.89
15540	V	59.29	39.53	74	54	-14.71	-14.47
10360	Н	59.62	39.28	74	54	-14.38	-14.72
15540	Н	59.25	40.25	74	54	-14.75	-13.75

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 1 TX
Test Date	August 22, 2016	Frequency	5240MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
10480	V	60.95	39.16	74	54	-13.05	-14.84
15720	V	58.97	40.52	74	54	-15.03	-13.48
10480	Н	58.03	39.31	74	54	-15.97	-14.69
15720	Н	59.95	40.95	74	54	-14.05	-13.05

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 1 TX
Test Date	August 22, 2016	Frequency	5260MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
10520	V	59.95	40.68	74	54	-14.05	-13.32
15780	V	59.08	39.66	74	54	-14.92	-14.34
10520	Н	59.05	40.19	74	54	-14.95	-13.81
15780	Н	58.04	39.04	74	54	-15.96	-14.96

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 1 TX
Test Date	August 22, 2016	Frequency	5320MHz

Freq. (MHz)	Ant. Pol.	Emission Level(dBuV)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
10640	V	58.34	39.65	74	54	-15.66	-14.35
15960	V	59.28	40.64	74	54	-14.72	-13.36
10640	Н	59.26	40.22	74	54	-14.74	-13.78
15960	Н	59.26	40.26	74	54	-14.74	-13.74

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT	Mobile phone	Model Name	X556
Temperature		Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 1 TX
Test Date	August 22, 2016	Frequency	5745MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
11490	V	58.07	39.74	74	54	-15.93	-14.26
17235	V	58.30	39.79	74	54	-15.70	-14.21
11490	Н	59.20	40.58	74	54	-14.80	-13.42
17235	Н	59.26	40.26	74	54	-14.74	-13.74

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 1 TX
Test Date	August 22, 2016	Frequency	5825MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV)			Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV	
11650	V	59.10	39.02	74	54	-14.90	-14.98	
17475	V	58.54	39.77	74	54	-15.46	-14.23	
11650	Н	59.50	39.27	74	54	-14.50	-14.73	
17475	Н	59.34	40.34	74	54	-14.66	-13.66	

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

-13.73

EUT	Mobil	e phone		Ν	/lodel Name	X556		
Temperature	20 °C	20 °C			Relative Humidity		48%	
Pressure	1010	hPa		Т	est Mode	Mode 2 TX		
Test Date	Augus	August 22, 2016			requency	5180MHz		
Freq.	Ant.		ssion		imit	Over(dB)		
(MHz)	Pol. H/V	PK	(dBuV) AV	BK PK	BuV/m) AV	PK	AV	
10360	V	58.25			54	-15.75	-12.25	
15540	V	58.52 39.33		74	54	-15.48	-14.67	
10360	Н	58.85	39.75	74	54	-15.15	-14.25	

74

54

-14.73

Remark:

15540

Н

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss - Pre-amplifier.

40.27

59.27

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 2 TX
Test Date	August 22, 2016	Frequency	5240MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	PK AV		AV	PK	AV
10480	V	59.77	41.11	74	54	-14.23	-12.89
15720	V	59.89	40.28	74	54	-14.11	-13.72
10480	Н	59.22	40.53	74	54	-14.78	-13.47
15720	H	59.98	40.98	74	54	-14.02	-13.02

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 2 TX
Test Date	August 22, 2016	Frequency	5260MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV			Limit 3m(dBuV/m)		Over(dB)	
(11112)					· /			
	H/V	PK	AV	PK	AV	PK	AV	
10520	V	60.13	40.86	74	54	-13.87	-13.14	
15780	V	58.50	39.52	74	54	-15.50	-14.48	
10520	Н	58.23	39.60	74	54	-15.77	-14.40	
15780	Н	58.12	39.12	74	54	-15.88	-14.88	

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 2 TX
Test Date	August 22, 2016	Frequency	5320MHz

Freq. (MHz)	Ant. Pol.	Emission Level(dBuV)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
10640	V	58.25	41.75	74	54	-15.75	-12.25
10640	V	58.52	39.33	74	54	-15.48	-14.67
15960	Н	58.85	39.75	74	54	-15.15	-14.25
15960	Н	59.27	40.27	74	54	-14.73	-13.73

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT	Mobile phone	Model Name	X556
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 2 TX
Test Date	August 22, 2016	Frequency	5745MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV			Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	PK AV		AV	PK	AV	
11490	V	60.69	41.37	74	54	-13.31	-12.63	
17235	V	58.98	40.01	74	54	-15.02	-13.99	
11490	Н	58.52	40.41	74	54	-15.48	-13.59	
17235	Н	59.66	40.66	74	54	-14.34	-13.34	

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 2 TX
Test Date	August 22, 2016	Frequency	5825MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV)			Limit 3m(dBuV/m)		Over(dB)	
, ,	H/V	PK	AV	PK	AV	PK	AV	
11650	V	60.56	41.90	74	54	-13.44	-12.10	
17475	V	58.78	39.62	74	54	-15.22	-14.38	
11650	Н	59.85	39.39	74	54	-14.15	-14.61	
17475	Н	59.18	40.18	74	54	-14.82	-13.82	

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT	Mobil	Mobile phone				el Name	X556	X556	
Temperature	e 20 °C	20 (tive idity	48%		
Pressure	1010	hPa			Test Mode N		Mode 3 T	X	
Test Date	Augu	August 22, 2016				uency	5190MHz	2	
Freq.	Ant.	Emis	Emission		Limit		Over(dB)		
(MHz)	Pol.	Level(dBuV)	3m(dBuV/m)					
	H/V	PK	AV	PK		AV	PK	AV	
10380	V	58.79	39.79	74		54	-15.21	-14.21	
15570	V	58.31	58.31 39.00			54	-15.69	-15.00	
10380	Н	59.49				54	-14.51	-13.74	
15570	Н	59.59	40.59	74		54	-14.41	-13.41	

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 3 TX
Test Date	August 22, 2016	Frequency	5230MHz

Freq. (MHz)	Ant.Pol.	Emission I	∟evel(dBuV		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV	
10460	V	60.93	40.89	74	54	-13.07	-13.11	
15690	V	58.29	39.19	74	54	-15.71	-14.81	
10460	Н	59.43	40.57	74	54	-14.57	-13.43	
15690	H	58.69	39.69	74	54	-15.31	-14.31	

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 3 TX
Test Date	August 22, 2016	Frequency	5270MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV			Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV	
10540	V	58.71	39.83	74	54	-15.29	-14.17	
15810	V	58.63	39.90	74	54	-15.37	-14.10	
10540	Н	59.10	40.66	74	54	-14.90	-13.34	
15810	Н	59.80	40.80	74	54	-14.20	-13.20	

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 3 TX
Test Date	August 22, 2016	Frequency	5310MHz

Freq. (MHz)	Ant. Pol.	Emission Level(dBuV)				Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
10620	V	60.86	39.55	74	54	-13.14	-14.45
15930	V	59.20	39.69	74	54	-14.80	-14.31
10620	Н	58.52	40.31	74	54	-15.48	-13.69
15930	Н	58.22	39.22	74	54	-15.78	-14.78

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT	Mobile phone	Model Name	X556
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 3 TX
Test Date	August 22, 2016	Frequency	5755MHz

Freq. (MHz)	Ant.Pol.	Emission I	Level(dBuV	Lir 3m(dB	nit 8uV/m)	Ove	er(dB)
	H/V	PK	AV	PK	AV	PK	AV
11510	V	58.56	41.88	74	54	-15.44	-12.12
17265	V	59.79	40.92	74	54	-14.21	-13.08
11510	Н	58.97	40.02	74	54	-15.03	-13.98
17265	Н	58.92	39.92	74	54	-15.08	-14.08

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 3 TX
Test Date	August 22, 2016	Frequency	5795MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
11590	V	58.70	41.47	74	54	-15.30	-12.53
17385	V	59.01	39.51	74	54	-14.99	-14.49
11590	Н	59.35	39.64	74	54	-14.65	-14.36
17385	Н	59.48	40.48	74	54	-14.52	-13.52

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

6. ANTENNA APPLICATION

6.1 Antenna requirement

The EUT'S antenna is met the requirement of FCC part 15C section 15.203 and FCC part 15C section 15.407.

FCC part 15C section 15.203 and FCC part 15C section 15.407 requirements: Systems operating in the 5150~5850MHz band that are used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum peak output power of the intentional radiator is reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

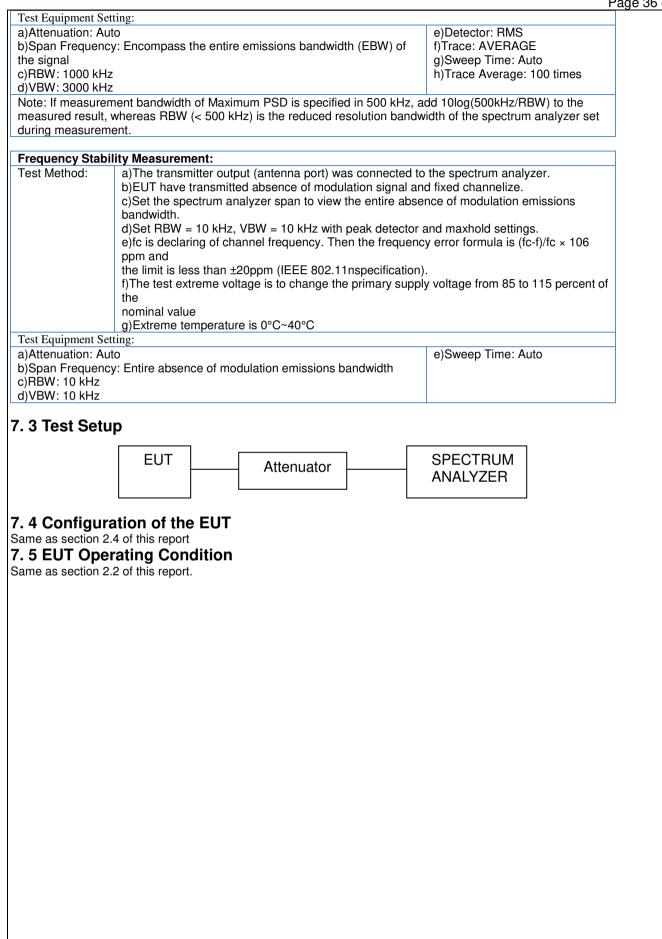
6.2 Result

The EUT's antenna integrated on PCB, The antenna's gain is -4dBi and meets the requirement.

7 FCC PART 15.407 REQUIREMENTS FOR 802.11A/N SYSTEMS 7. 1 Test Equipment Please refer to Section 4 this report.

7. 2 Test Procedure

26dB Bandwidth	and 99% Occupied Bandwidth:		
Test Method:	a)The transmitter was radiated to the	spectrum analyzer in peak hold mode.	
	b)Measure the maximum width of the	e emission that is 26 dB down from the peak of the	
	emission Compare this with the RBW	setting of the analyzer. Readjust RBW and repeat	
	measurement as needed until the RBW	V/EBW ratio is approximately 1%.	
Test Equipment Set	ting – 26dB Bandwidth:	Test Equipment Setting – 99%% Bandwidth:	
a)Attenuation: Auto		a)Span: 1.5 times to 5.0 times the OBW	
b)Span Frequency: >	> 26dB Bandwidth	b)RBW: 1 % to 5 % of the OBW	
c)RBW: Approxima	tely 1% of the emission bandwidth	c)VBW: 3 x RBW	
d)VBW: VBW $>$ RF	3W	d)Detector: Peak	
e)Detector: Peak		e)Trace: Max Hold	
f)Trace: Max Hold			
g)Sweep Time: Auto	0		
6 dB Bandwidth:			
Test Method:	b)Test was performed in accordance v Unlicensed National Information Infras	spectrum analyzer in peak hold mode. with KDB789033 D02 v01 for Compliance Testing of structure (U-NII) Devices - section (C) Emission	
	Bandwidth. c)Multiple antenna system was perform Emissions	med in accordance with KDB662911 D01 v02r01	
	Testing of Transmitters with Multiple C	Jutouts in the Same Band	
	d)Measured the spectrum width with p		
Test Equipment Sett			
a)Attenuation: Auto		e)Detector: Peak	
b)Span Frequency: >		f)Trace: Max Hold	
c)RBW: 100kHz		g)Sweep Time: Auto	
d)VBW: 3 x RE	3W		
Maximum Condu	cted Output Power Measurement:		
Test Method:	a)The transmitter output (antenna por	t) was connected to the power meter.	
	Unlicensed National Information Infras conducted output power =>3. Measure (Measurement using a gated RF avera c)Multiple antenna systems was perfo Emissions Testing of Transmitters with Multiple C	rmed in accordance with KDB662911 D01 v02r01 Dutputs in the Same Band. ted output power with multiple antenna systems, add	
Test Equipment Set	ting: Detector - Average	aic iorritua.	
Power Spectral D			
Test Method: a) The transmitter output (antenna port) was connected RF switch to the spectrum analyzer. b) Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (F) Maximum Powel Spectral Density (PSD). c)Multiple antenna systems was performed in accordance KDB662911 D01 v02r01 in-Band Power Spectral Density (PSD) d)When measuring first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3 and so on up to the Nth output to obtain the value for the first frequency bin of the summed spectrum. The summed spectrum value for each of the other frequency bins is computed in the same way. e)For 5.725~5.85 GHz, the measured result of PSD level must add 10log(500kHz/RBW) and the final result should			



Limit: No restriction limits.	
6 dB Bandwidth:	
	ninimum 6dB bandwidth shall be at least 500 kHz.
Test Equipment Setting:	inininum oub bandwidth shall be at least 500 kHz.
a)Attenuation: Auto	e)Detector: Peak
b)Span Frequency: > 6dB Bandwidth	f)Trace: Max Hold
)RBW: 100kHz	g)Sweep Time: Auto
Í)VBW: ≥ 3 x RBW	
Maximum Conducted Output Power Measurement:	
⊠5.15~5	.25 GHz
Limit of Outdoor access point:	Limit of Indoor access point:
The maximum conducted output power over the	The maximum conducted output power over the
requency band of operation shall not exceed 1 W	frequency band of operation shall not exceed 1 W
30dBm) provided the maximum antenna gain does not	(30dBm) provided the maximum antenna gain does
exceed 6 dBi. If transmitting antennas of directional gain	
reater than 6 dBi are used, both the maximum	exceed 6 dBi. If transmitting antennas of directional
onducted output power and the maximum power	gain greater than 6 dBi are used, both the maximum
pectral density shall be reduced by the amount in dB	conducted output power and the maximum power
hat the directional gain of the antenna exceeds 6 dBi.	spectral density shall be reduced by the amount in
The maximum e.i.r.p. at any elevation angle above 30	dB
degrees as measured from the horizon must not exceed	
125 mW (21 dBm).	dBi.
Limit of Fixed point-to-point access points:	Limit of Mobile and portable client devices:
The maximum conducted output power over the	The maximum conducted output power over the
requency band of operation shall not exceed 1 W	frequency band of operation shall not exceed 250
30dBm). Fixed point-to-point U-NII devices may employ	
antennas with directional gain up to 23 dBi without any	(24dBm) provided the maximum antenna gain does
corresponding reduction in the maximum conducted butput power or maximum power spectral density. For	not
ixed point-to-point transmitters that employ a directional	exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum
antenna gain greater than 23 dBi, a 1 dB reduction in	conducted output power and the maximum power
naximum conducted output power and maximum	spectral density shall be reduced by the amount in
power spectral density is required for each 1 dB of	dB
antenna gain in excess of 23 dBi.	that the directional gain of the antenna exceeds 6
	dBi.
5.25-5.35 GHz &	
The maximum conducted output power over the frequence	
nW (24dBm) or 11 dBm 10 log B, where B is the 26 dB	
antennas of directional gain greater than 6 dBi are used,	
maximum power spectral density shall be reduced by the	
exceeds 6 dBi.	-
⊠5.725~!	
The maximum conducted output power over the frequen	
ransmitting antennas of directional gain greater than 6 c	
power and the maximum power spectral density shall be	
	t U-NII devices operating in this band may employ
ransmitting antennas with	
ransmitting antennas with directional gain greater than 6 dBi without any correspor	iding reduction in transmitter conducted power.
	nding reduction in transmitter conducted power.
transmitting antennas with directional gain greater than 6 dBi without any correspor Power Spectral Density ⊠5.15~5	.25 GHz
ransmitting antennas with directional gain greater than 6 dBi without any correspor Power Spectral Density \[\]5.15~5	.25 GHz
ransmitting antennas with directional gain greater than 6 dBi without any correspor Power Spectral Density S.15~5 Limit of Outdoor access point: 17 dBm/MHz	.25 GHz
ransmitting antennas with directional gain greater than 6 dBi without any correspon Power Spectral Density S.15~5 Limit of Outdoor access point: 17 dBm/MHz Limit of Fixed point-to-point access points: 17	.25 GHz
ransmitting antennas with directional gain greater than 6 dBi without any correspon Power Spectral Density 	.25 GHz Limit of Indoor access point: 17 dBm/MHz Limit of Mobile and portable client devices: 11
ransmitting antennas with lirectional gain greater than 6 dBi without any correspon Power Spectral Density 	.25 GHz Limit of Indoor access point: 17 dBm/MHz Limit of Mobile and portable client devices: 11 dBm/MHz
ransmitting antennas with lirectional gain greater than 6 dBi without any correspon Power Spectral Density 	.25 GHz Limit of Indoor access point: 17 dBm/MHz Limit of Mobile and portable client devices: 11 dBm/MHz 11 dBm/MHz
ransmitting antennas with directional gain greater than 6 dBi without any correspon Power Spectral Density Limit of Outdoor access point: 17 dBm/MHz Limit of Fixed point-to-point access points: 17 JBm/MHz 5.25-5.35 GHz 5.470-5.725 GHz 5.725~5.85 GHz Frequency Stability Measurement:	.25 GHz Limit of Indoor access point: 17 dBm/MHz Limit of Mobile and portable client devices: 11 dBm/MHz 11 dBm/MHz 11 dBm/MHz
ransmitting antennas with directional gain greater than 6 dBi without any correspon Power Spectral Density 	.25 GHz Limit of Indoor access point: 17 dBm/MHz Limit of Mobile and portable client devices: 11 dBm/MHz 11 dBm/MHz 11 dBm/MHz
transmitting antennas with directional gain greater than 6 dBi without any correspon Power Spectral Density 	.25 GHz Limit of Indoor access point: 17 dBm/MHz Limit of Mobile and portable client devices: 11 dBm/MHz 11 dBm/MHz 30 dBm/500kHz n the band of operation under all conditions of normal
transmitting antennas with directional gain greater than 6 dBi without any correspon Power Spectral Density S.15~5 Limit of Outdoor access point: 17 dBm/MHz Limit of Fixed point-to-point access points: 17 dBm/MHz 5.25-5.35 GHz S.470-5.725 GHz S.725~5.85 GHz Frequency Stability Measurement: Limit: In-band emission is maintained withi operation as specified in the user's n	.25 GHz Limit of Indoor access point: 17 dBm/MHz Limit of Mobile and portable client devices: 11 dBm/MHz 11 dBm/MHz 30 dBm/500kHz n the band of operation under all conditions of normal
ransmitting antennas with directional gain greater than 6 dBi without any correspon Power Spectral Density 	.25 GHz Limit of Indoor access point: 17 dBm/MHz Limit of Mobile and portable client devices: 11 dBm/MHz 11 dBm/MHz 30 dBm/500kHz n the band of operation under all conditions of normal nanual.

7.7 Test Result

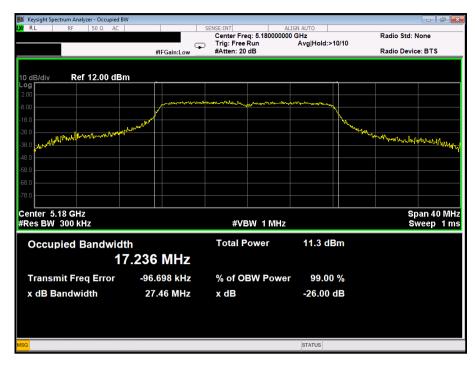
A. 26dB Bandwidth and 99% Occupied Bandwidth

Product	: EUT-Sample		Test M	lode	: See sect	ion 2.2
Test Item	: 26dB Bandwidth and Bandwidth	99% Occupied	Temper	rature	:25 ℃	
Test Voltage	: DC 5V		Humidi	ty	: 56%RH	
Test Result	: PASS					
6dB Bandwid	th		<u> </u>		1	
and1						
Channel	Frequency (MHz)	26dBBandw (MHz)	idth	FCC I (kH		Result
Low	5180	17.236				PASS
High	5240	17.121				PASS
and2		•	•		•	
Channel	Frequency (MHz)	26dBBandw (MHz)	idth	FCC I (kH		Result
Low	5260	17.222		(-/	PASS
High	5320	17.093			· –	PASS
and4	3020	17.000	I			
Channel	Frequency (MHz)	26dBBandw (MHz)	idth	FCC I (kH		Result
Low	5745	16.703			,	PASS
High	5825	16.799			· –	PASS
EE 802.11n 5G 20 and1			I			
Channel	Frequency	26dBBandw	idth	FCC I	imit	Deer
Channel	(MHz)	(MHz)		(kH	lz)	Resul
Low	5180	18.408				PASS
High	5240	18.198				PASS
and2						
Channel	Frequency (MHz)	26dBBandw (MHz)	idth	FCC I (kH		Resul
Low	5260	18.324			,	PASS
High	5320	18.074			· –	PASS
ind4	·	•	I			
Channel	Frequency (MHz)	26dBBandw (MHz)	idth	FCC I (kH		Result
Low	5745	17.815				PASS
High	5825	17.849				PASS
EE 802.11n 5G 40 and1	DMHz					
Channel	Frequency (MHz)	26dBBandw (MHz)	idth	FCC I (kH		Result
Low	5190	36.966				PASS
High	5230	36.495				PASS
ind2						
Channel	Frequency (MHz)	26dBBandw (MHz)	idth	FCC I (kH		Result
Low	5270	36.715				PASS
High	5310	36.649				PASS
and4						
Channel	Frequency (MHz)	26dBBandw (MHz)	idth	FCC I (kH		Resul
Low	5755	36.106	ľ			PASS
High	5795	36.056			· F	PASS
<u>v</u>	•	•				

99% Occupied Bandwidth IEEE 802.11a Band1

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	FCC Limit (kHz)	Result
Low	5180	27.46		PASS
High	5240	23.20		PASS
2				
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	FCC Limit (kHz)	Result
Low	5260	26.70		PASS
High	5320	24.09		PASS
14				
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	FCC Limit (kHz)	Result
Low	5745	16.35		PASS
High	5825	16.30		PASS
802.11n 5G 20I 1				
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	FCC Limit (kHz)	Resul
Low	5180	26.62		PASS
High	5240	29.62		PASS
2				
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	FCC Limit (kHz)	Result
Low	5260	28.14		PASS
High	5320	24.94		PASS
4				
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	FCC Limit (kHz)	Result
Low	5745	17.71		PASS
High	5825	17.60		PASS
	WITZ			
802.11n 5G 401 d1 Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	FCC Limit (kHz)	Resul
11	Frequency (MHz) 5190			PASS
1 Channel	Frequency (MHz)	Bandwidth (MHz)		PASS
I1 Channel Low High	Frequency (MHz) 5190	Bandwidth (MHz) 50.35		PASS
d1 Channel Low High	Frequency (MHz) 5190	Bandwidth (MHz) 50.35		PASS
1 Channel Low High 2	Frequency (MHz) 5190 5230 Frequency	Bandwidth (MHz) 50.35 46.37 99% Occupied	(kHz) FCC Limit (kHz)	Result PASS PASS Result PASS
1 Channel Low High 2 Channel	Frequency (MHz) 5190 5230 Frequency (MHz)	Bandwidth (MHz) 50.35 46.37 99% Occupied Bandwidth (MHz)	(kHz)	PASS PASS Result
1 Channel Low High 2 Channel Low High	Frequency (MHz) 5190 5230 Frequency (MHz) 5270	Bandwidth (MHz) 50.35 46.37 99% Occupied Bandwidth (MHz) 47.43	(kHz) FCC Limit (kHz)	PASS PASS Result PASS
d1 Channel Low High d2 Channel Low High d4 Channel	Frequency (MHz) 5190 5230 Frequency (MHz) 5270 5310 Frequency (MHz) Frequency (MHz)	Bandwidth (MHz) 50.35 46.37 99% Occupied Bandwidth (MHz) 47.43 47.32 99% Occupied Bandwidth (MHz)	(kHz) FCC Limit (kHz)	PASS PASS Result PASS PASS Result
d1 Channel Low High d2 Channel Low High d4	Frequency (MHz) 5190 5230 Frequency (MHz) 5270 5310 Frequency Frequency	Bandwidth (MHz) 50.35 46.37 99% Occupied Bandwidth (MHz) 47.43 47.32 99% Occupied	(kHz) FCC Limit (kHz) FCC Limit	PASS PASS Result PASS PASS

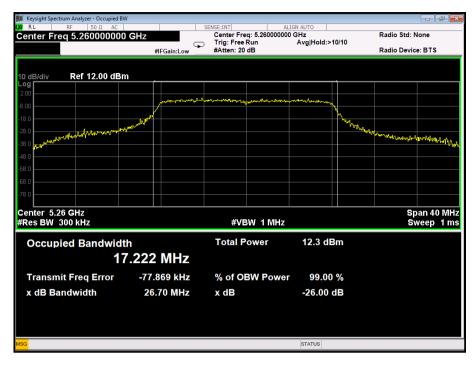
IEEE 802.11a Band1



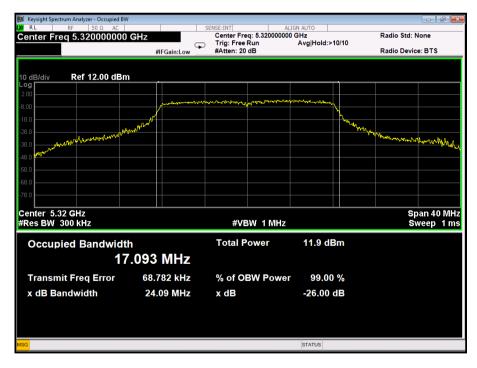




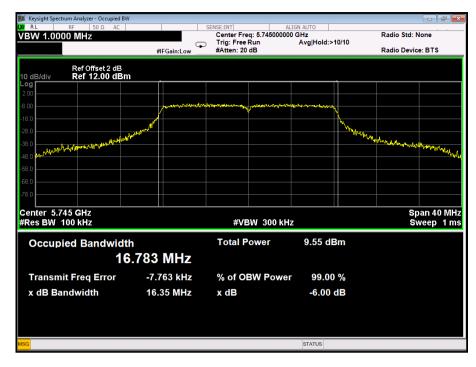
IEEE 802.11a Band2



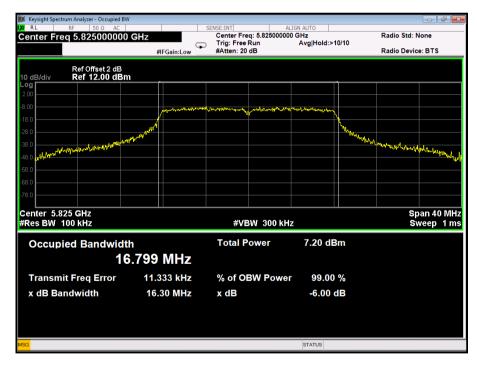




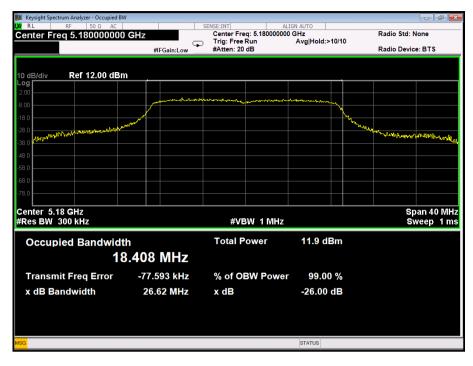
IEEE 802.11a Band4



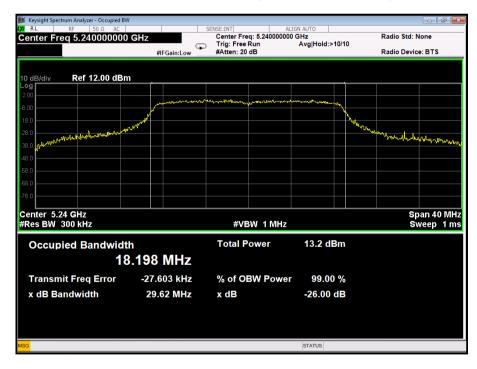




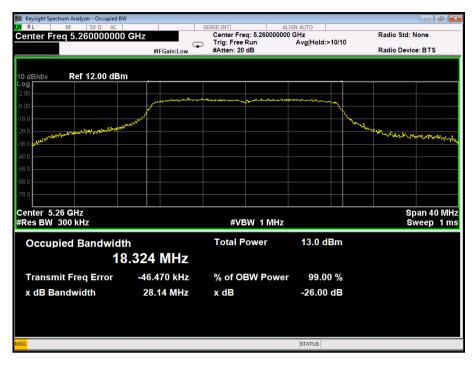
IEEE 802.11n 5G 20MHz Band1



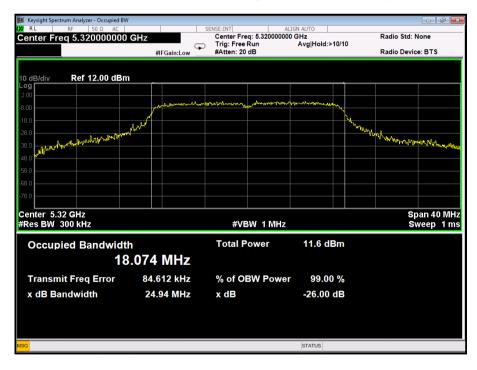
26dB Bandwidth and 99% Occupied Bandwidth (CH High)



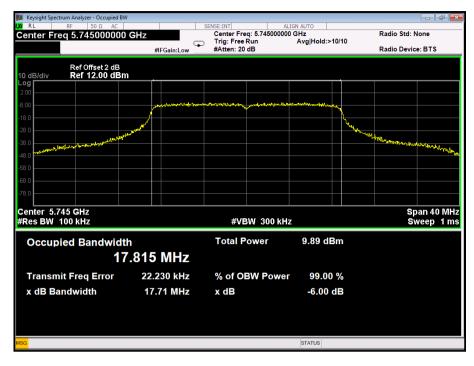
IEEE 802.11n 5G 20MHz Band2



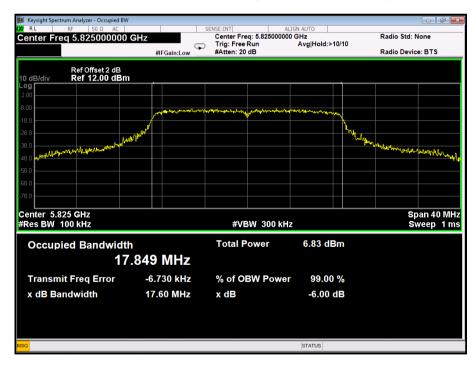
26dB Bandwidth and 99% Occupied Bandwidth (CH High)



IEEE 802.11n 5G 20MHz Band4



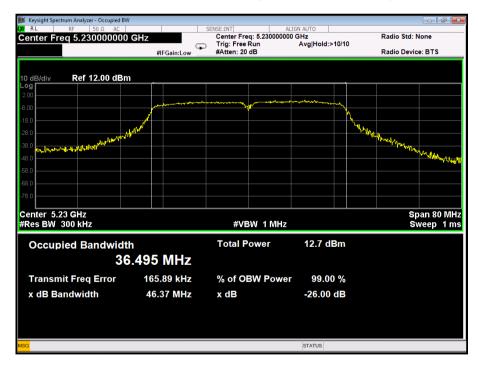
26dB Bandwidth and 99% Occupied Bandwidth (CH High)



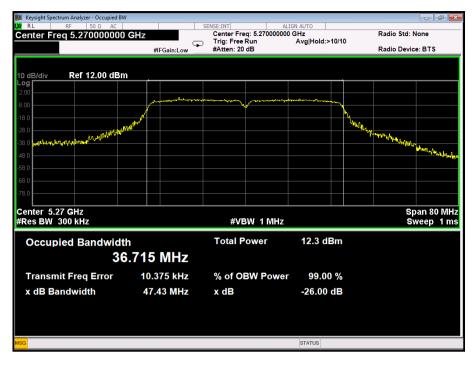
IEEE 802.11n 5G 40MHz Band1



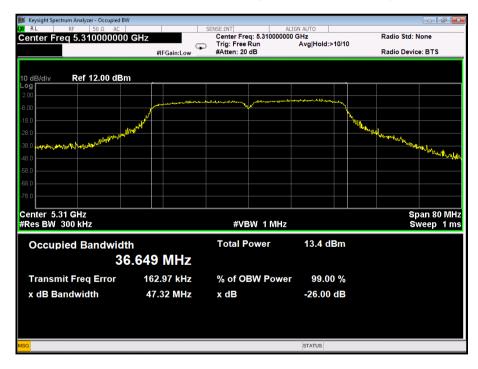




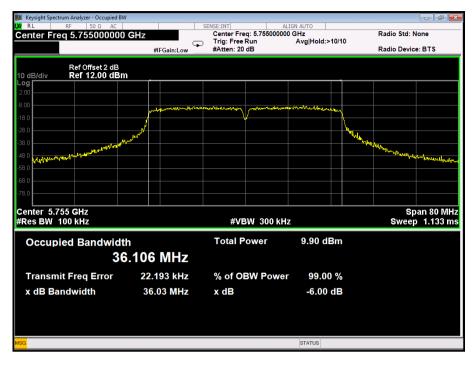
IEEE 802.11n 5G 40MHz Band2



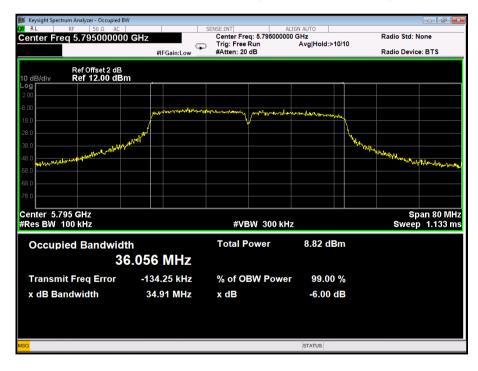
26dB Bandwidth and 99% Occupied Bandwidth (CH High)



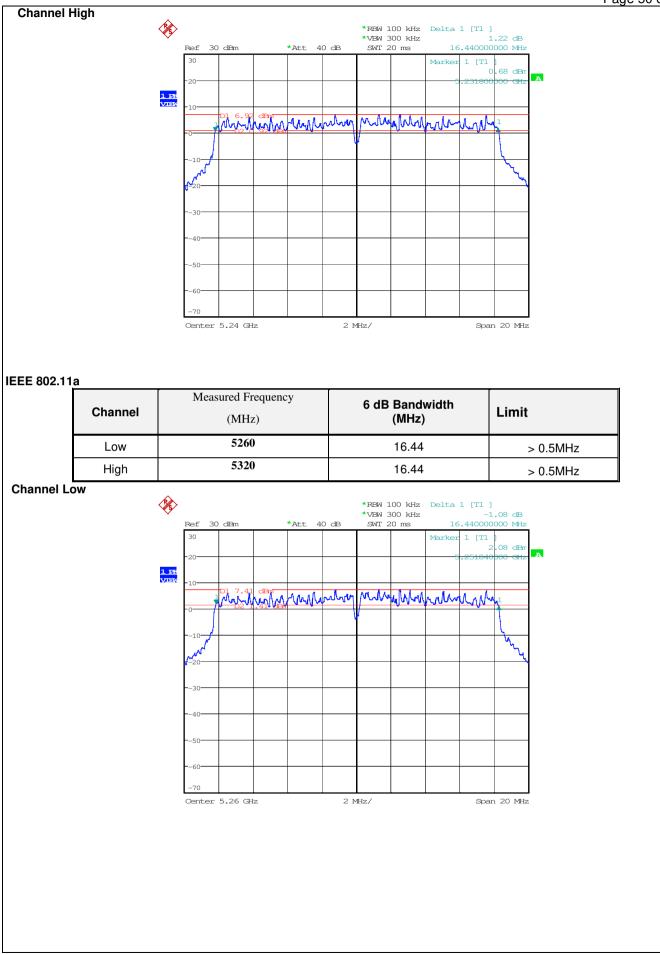
IEEE 802.11n 5G 40MHz Band4

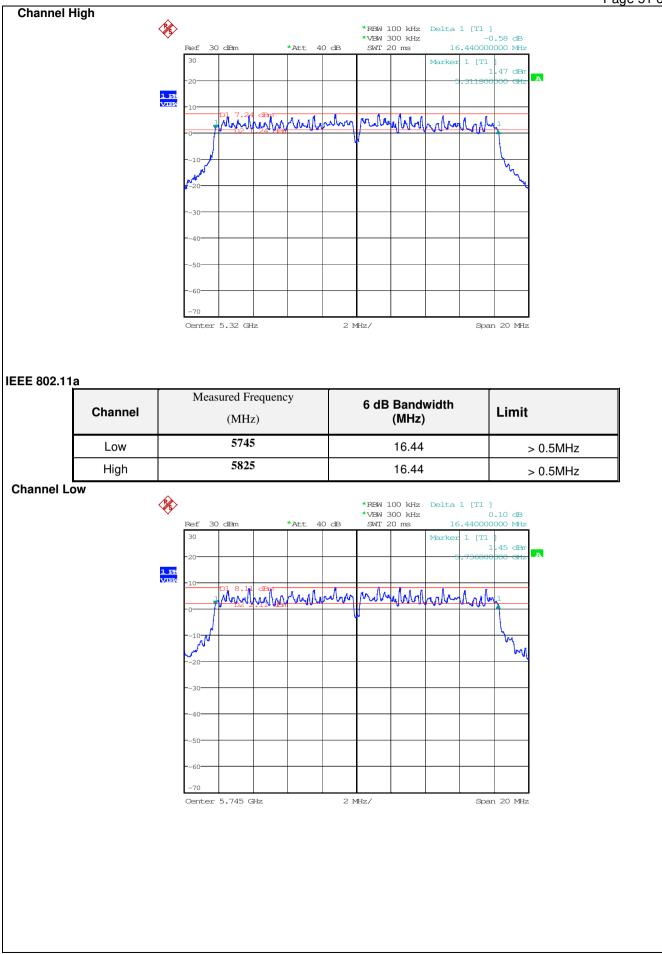


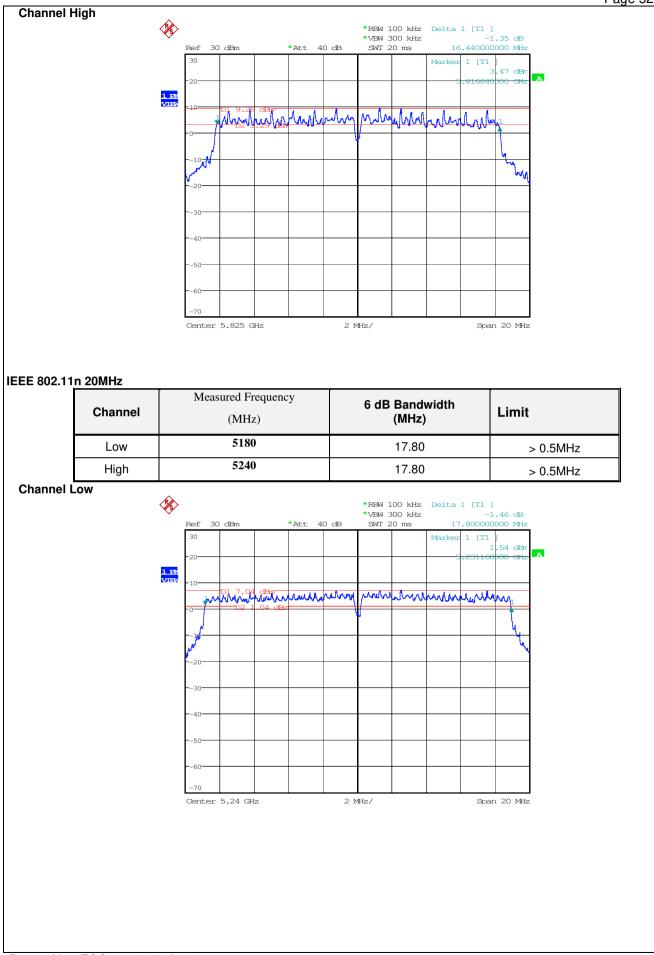


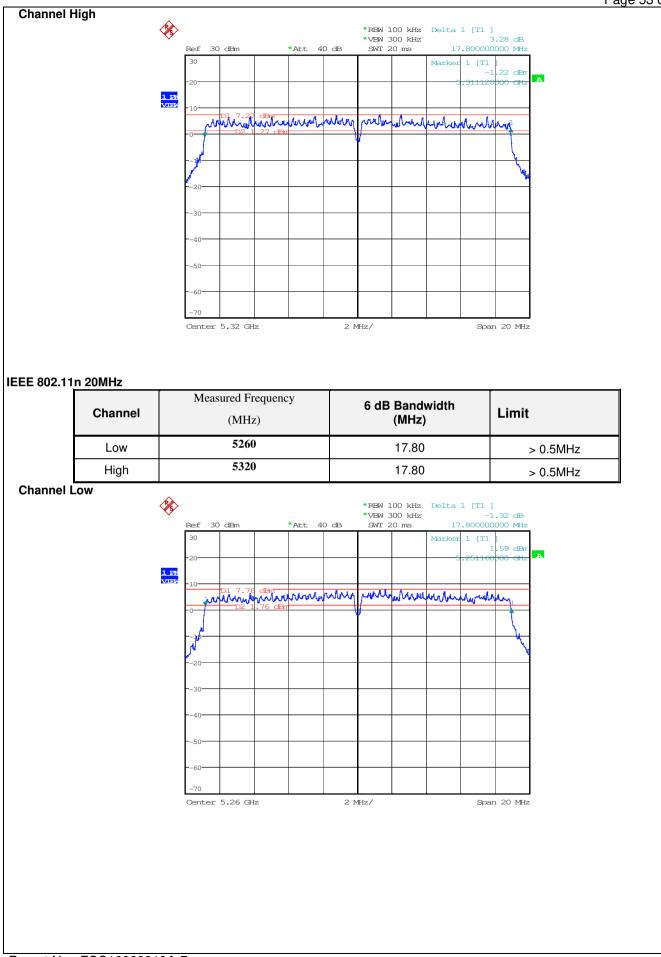


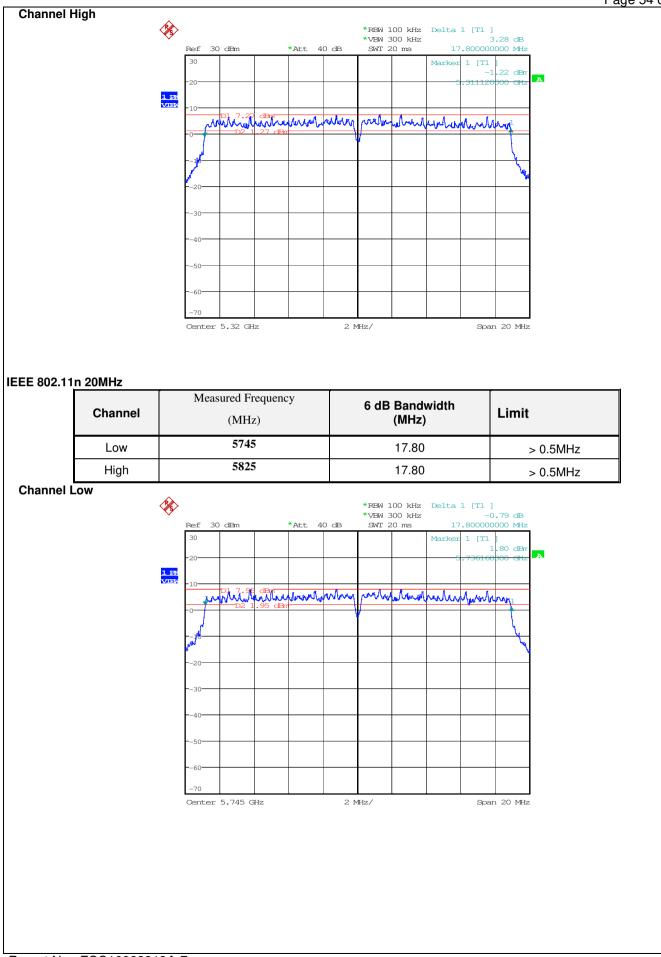
		: EUT-S	ample				Test N	lode	: See S	Section 2.2
est Item		: 6 dB B	W				Tempe	rature	: 25 °(2
est Voltage	e	: DC 5V					Humid	ity	: 56%	RH
est Result		: PASS								
EE 802.11a	1									
		_	Mea	sured F	Frequen	су	6 dB	Bandw	idth	
	Channe	1		(MH	Iz)		0 4 2	(MHz)		Limit
_	Low			518	60			16.44		> 0.5MHz
	High			524	10			16.44		> 0.5MHz
			-0	5.18 G			MHz/		Varker 1 []	3.47 dBrr 380000 GHZ

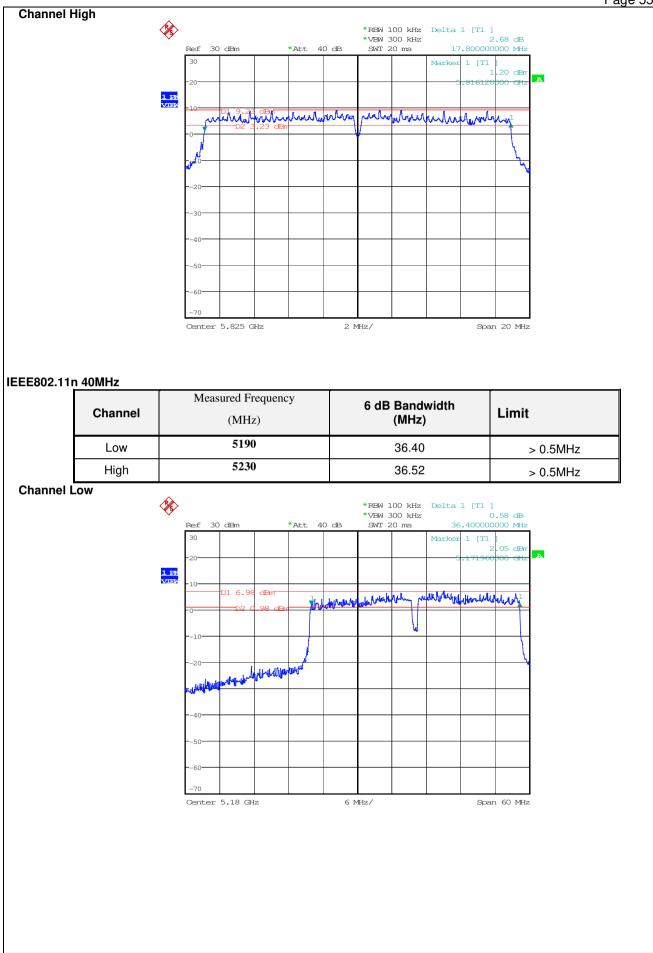


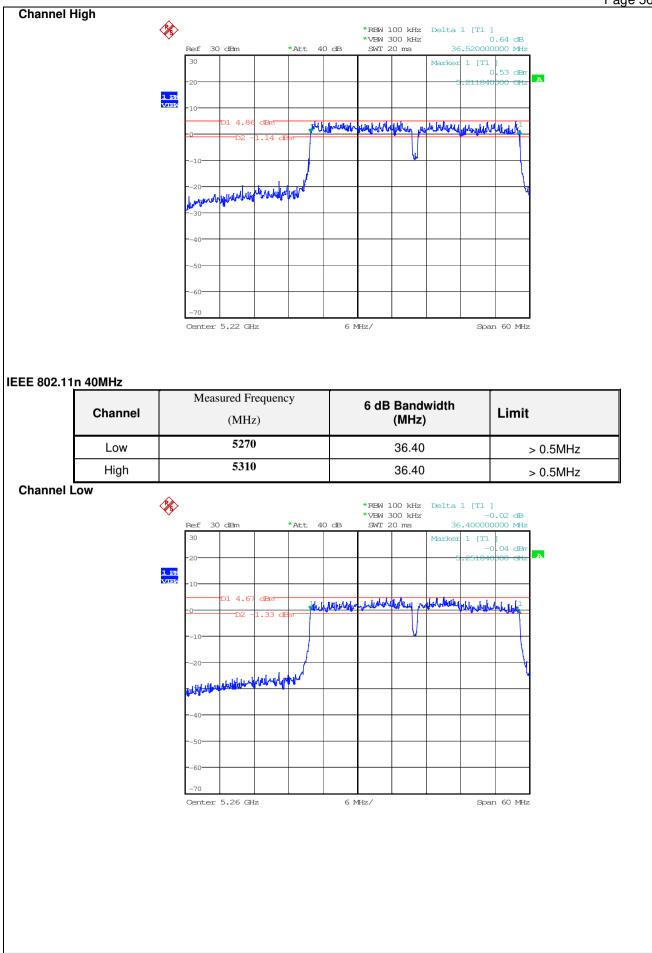


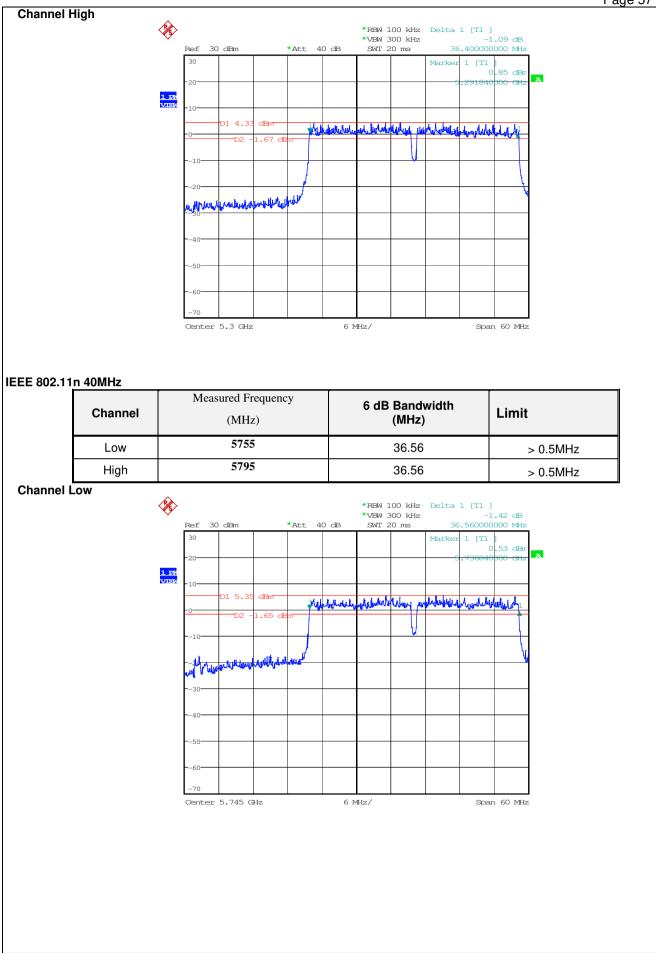


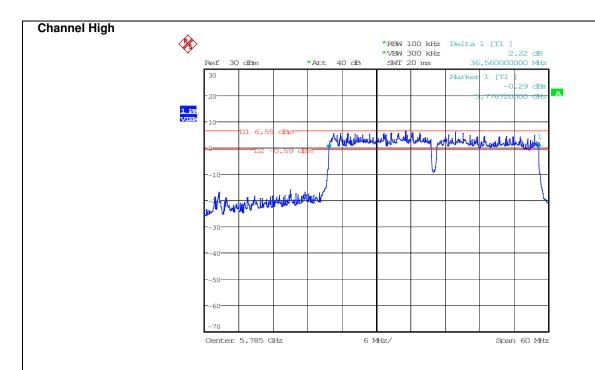






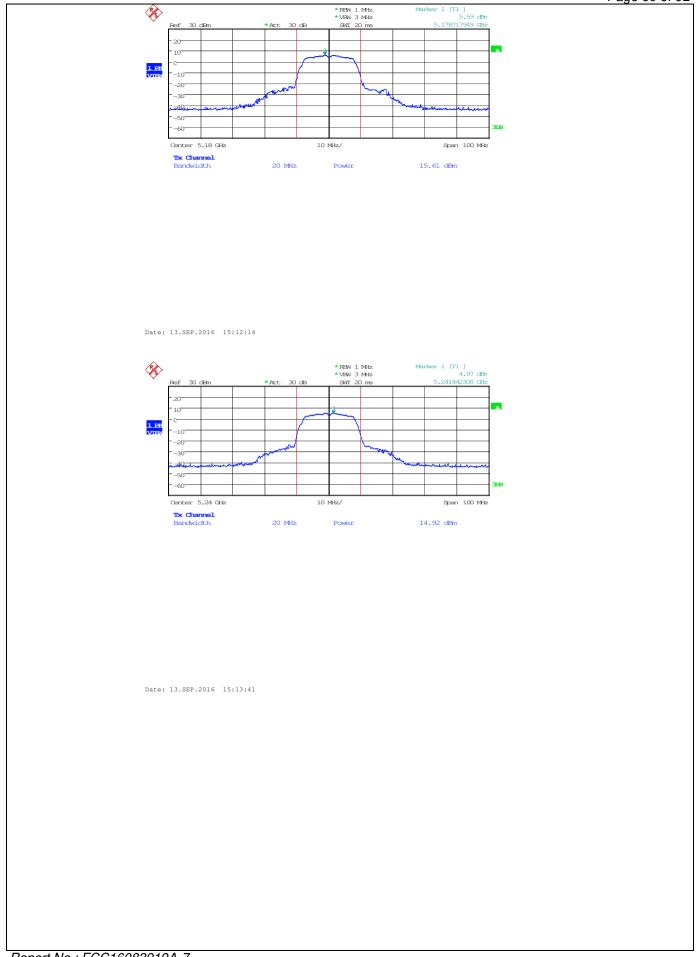




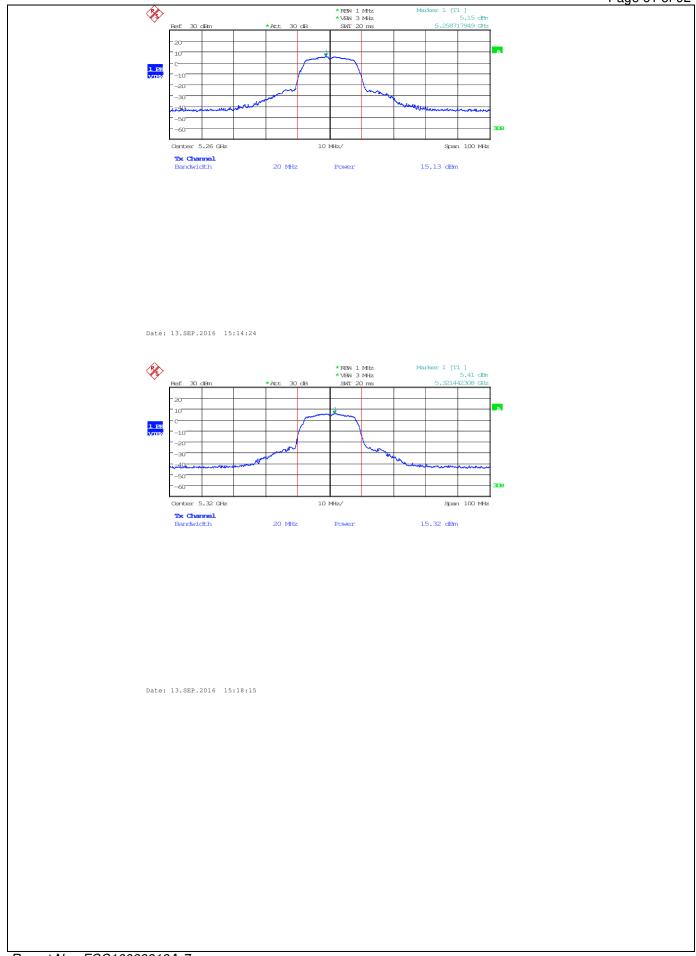


Product	: EUT-Sample		Test Mode	: See Section 2
est Item	: Peak Power		Temperature	:25 ℃
est Voltage	: DC 5V		Humidity	: 56%RH
est Result	: PASS			
EE 802.11a Bar	ld1			
Channel	Frequency	Output Power	FCC Limit	Result
Channel	(MHz)	(dBm)	(W/dBm)	
Low	5180	15.61	0.25/24.00	PASS
High	5240	14.92	0.20, 2.100	PASS
EE 802.11a Bar	1		5001101	
Channel	Frequency (MHz)	Output Power (dBm)	FCC Limit (W/dBm)	Result
Low	5260	15.13	0.25/24.00	PASS
High	5320	15.32	0.23/24.00	PASS
EE 802.11a Bar		10		
Channel	Frequency (MHz)	Output Power (dBm)	FCC Limit (W/dBm)	Result
Low	5745	15.23	1.00/30.00	PASS
High	5825	15.65	1.00/30.00	PASS
E 802.11n 5G		- 10		
Channel	Frequency (MHz)	Output Power (dBm)	FCC Limit (W/dBm)	Result
Low	5180	13.50	0.25/24.00	PASS
High	5240	13.05	0.23/24.00	PASS
E 802.11n 5G		1		
Channel	Frequency (MHz)	Output Power (dBm)	FCC Limit (W/dBm)	Result
Low	5260	13.34	0.25/24.00	PASS
High	5320	13.83	0.23/24.00	PASS
E 802.11n 5G	1			
Channel	Frequency (MHz)	Output Power (dBm)	FCC Limit (W/dBm)	Result
Low	5745	12.85	1.00/30.00	PASS
High	5825	13.69	1.00/00.00	PASS
EE 802.11n 5G				1
Channel	Frequency (MHz)	Output Power (dBm)	FCC Limit (W/dBm)	Result
Low	5190	12.06	0.25/24.00	PASS
High	5230	11.87	0.20/21.00	PASS
EE 802.11n 5G	1			1
Channel	Frequency (MHz)	Output Power (dBm)	FCC Limit (W/dBm)	Result
Low	5270	11.59	0.25/24.00	PASS
High	5310	11.88	0.20/2 1100	PASS
EE 802.11n 5G			FOO	
Channel	Frequency (MHz)	Output Power (dBm)	FCC Limit (W/dBm)	Result
Low	5755	12.38	1.00/30.00	PASS

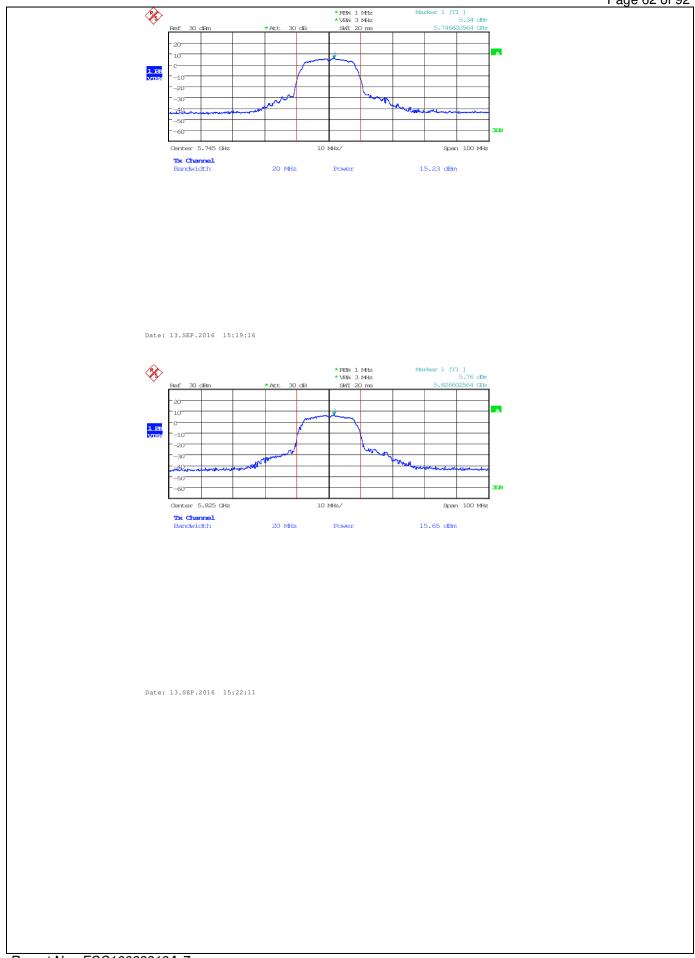
Page 60 of 92



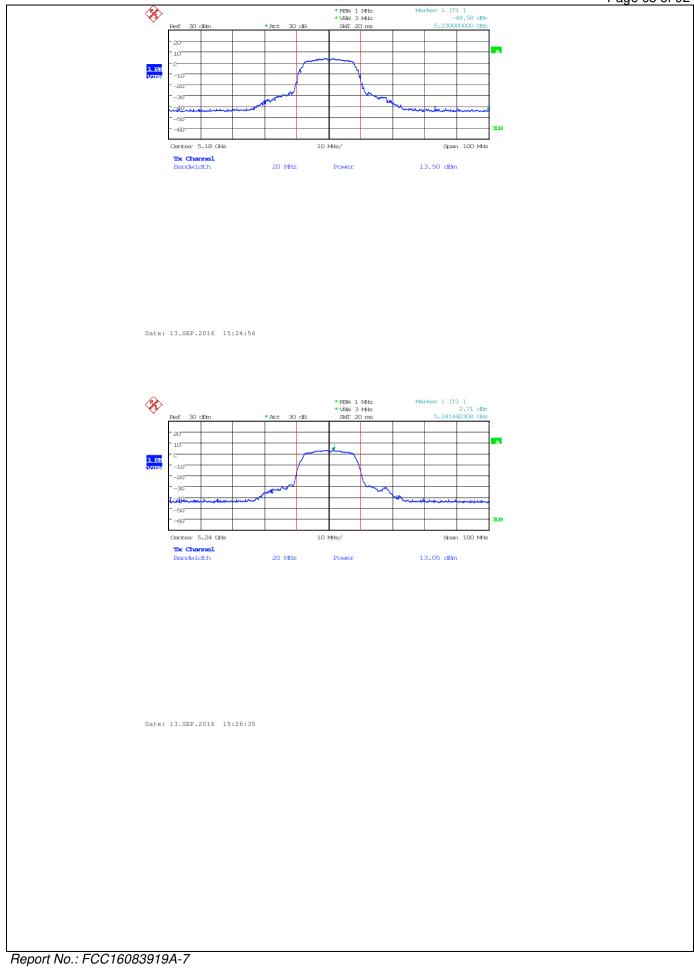
Page 61 of 92



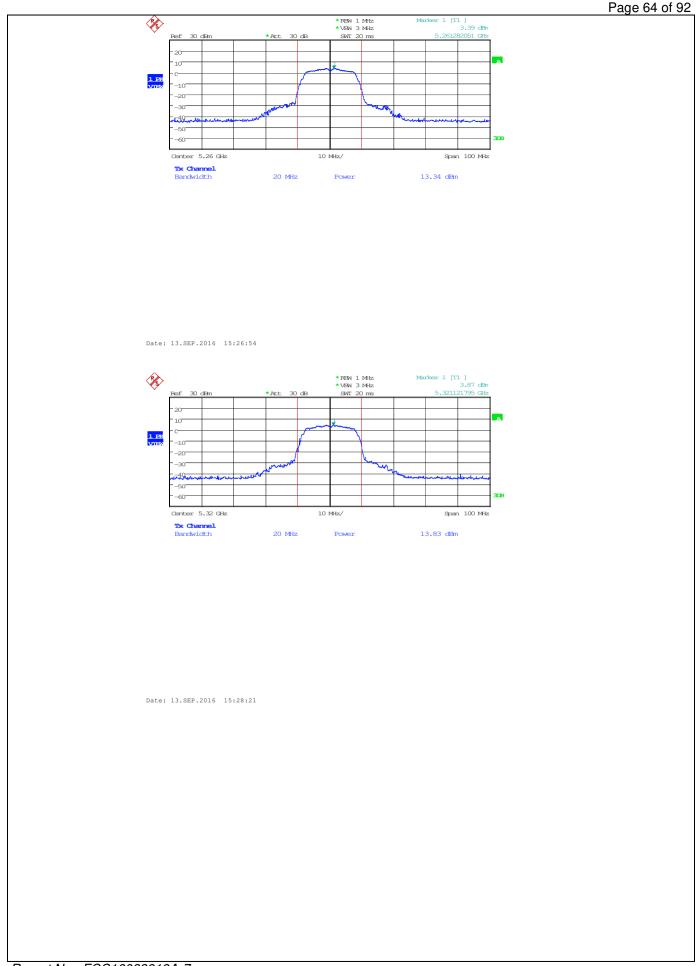
Page 62 of 92



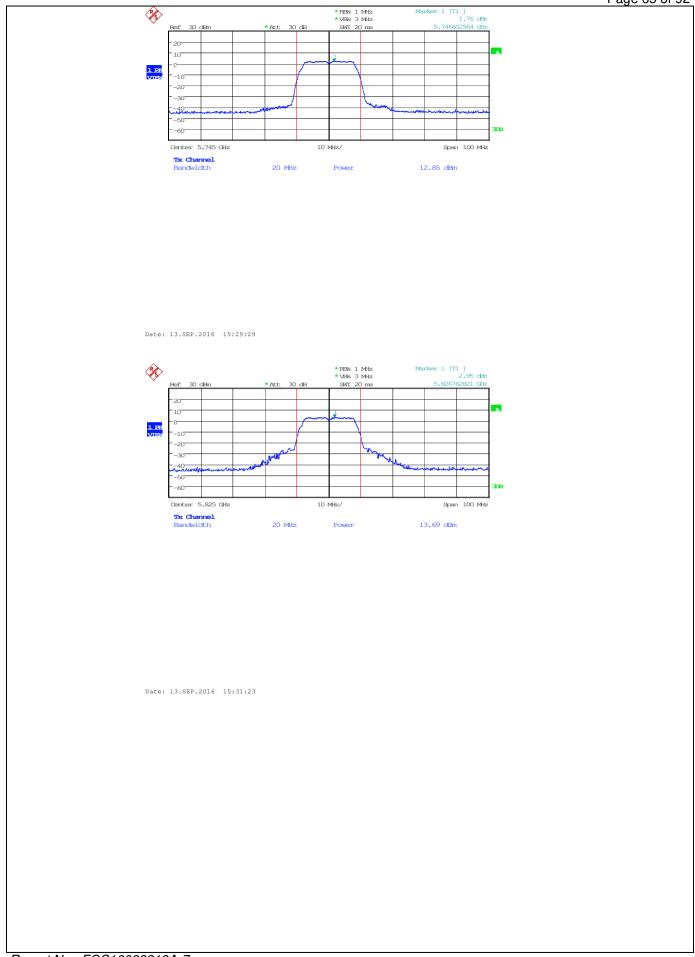
Page 63 of 92



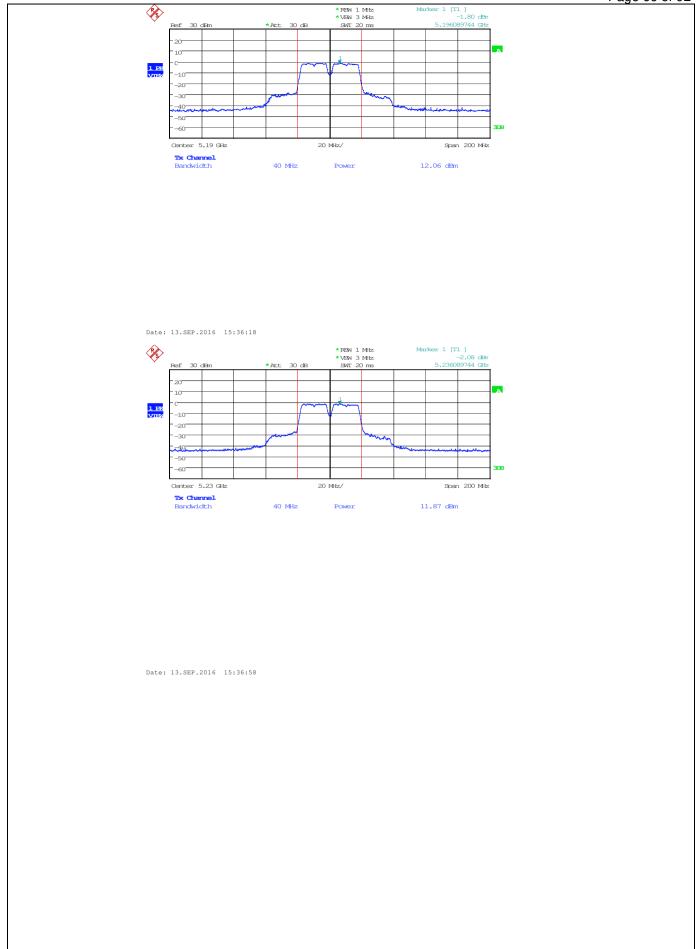
Page 64 of 92



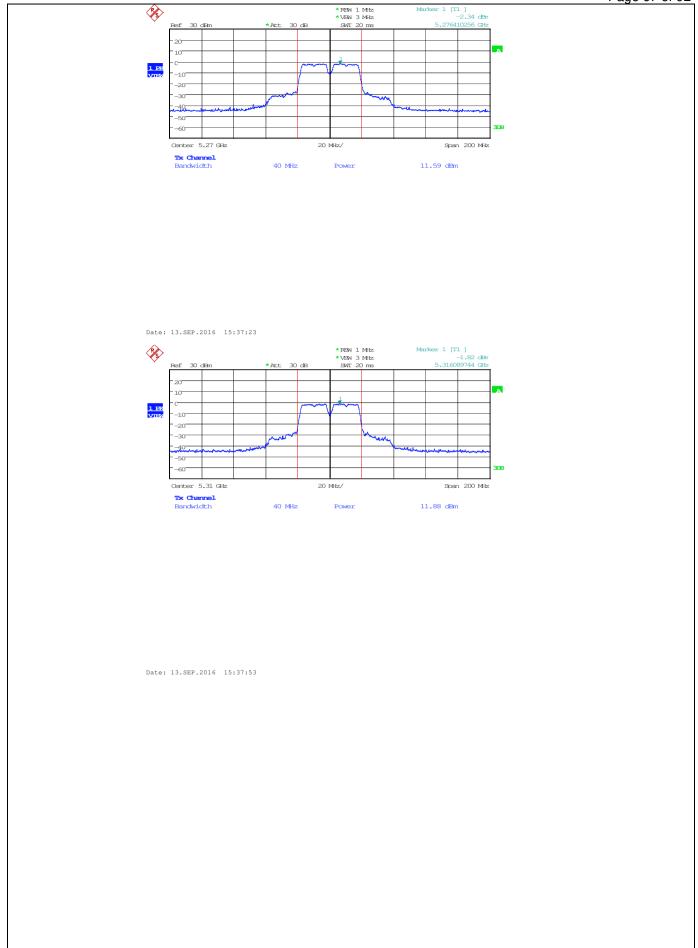
Page 65 of 92



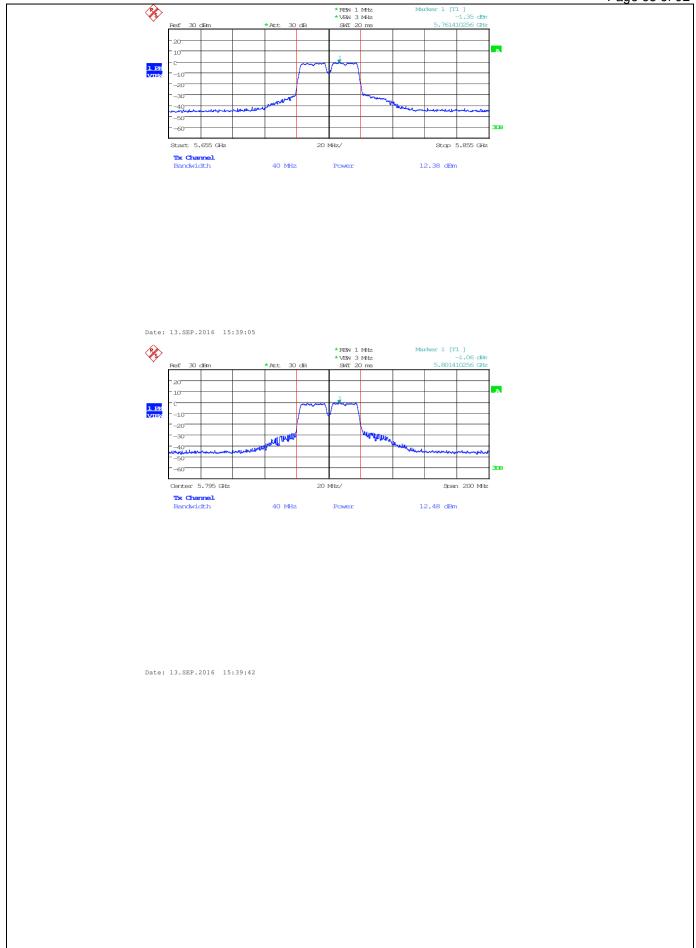
Page 66 of 92



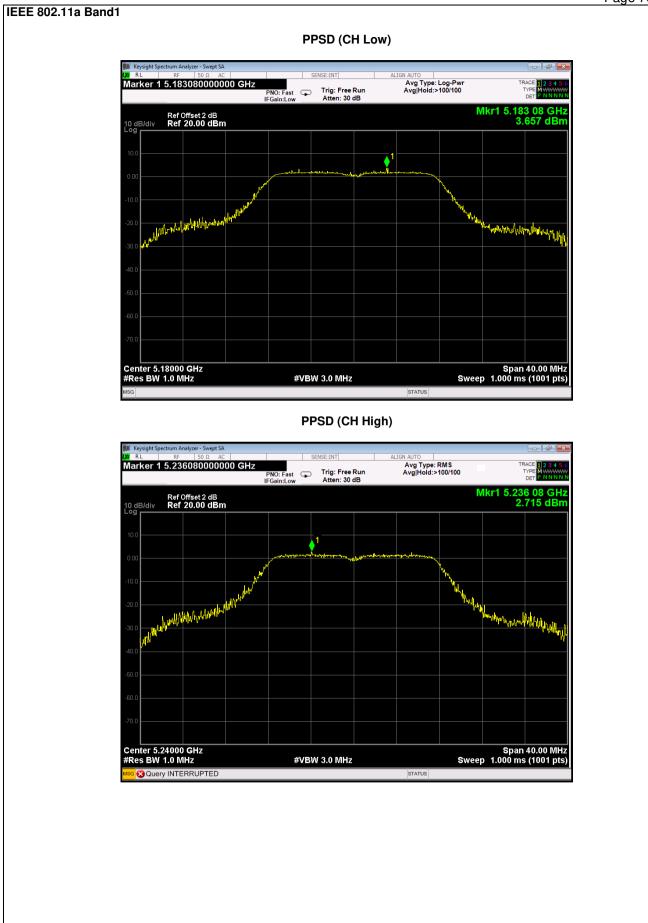
Page 67 of 92

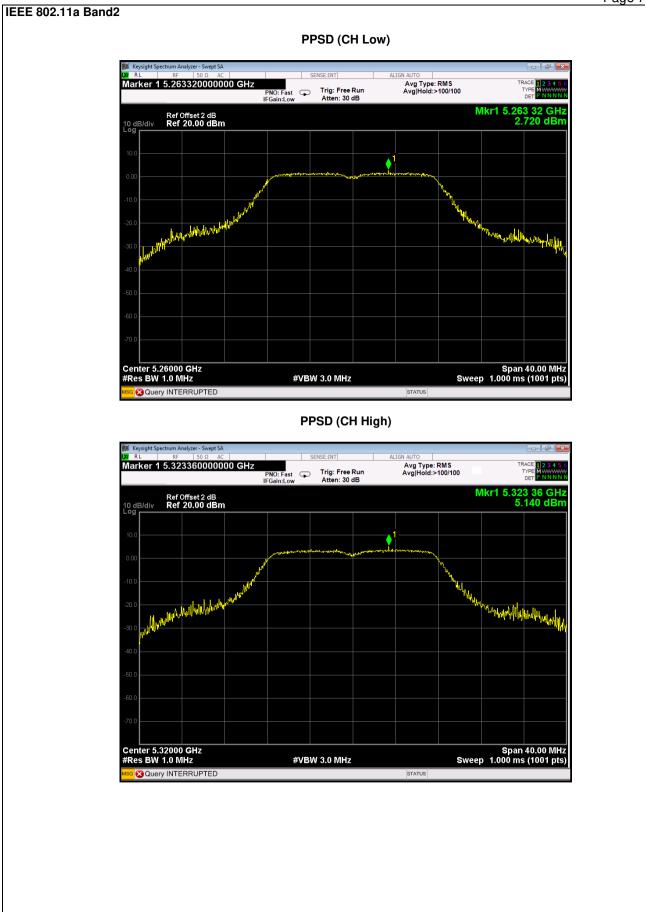


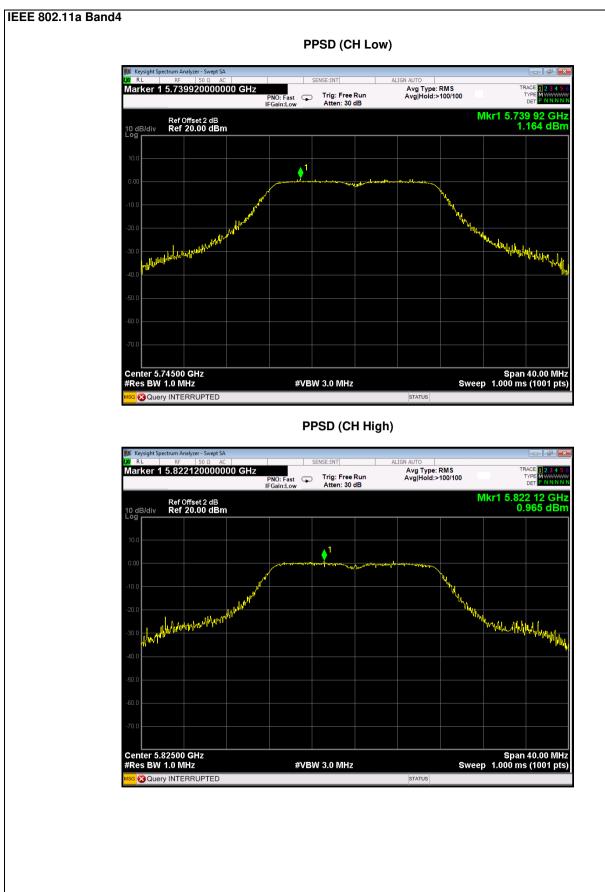
Page 68 of 92



Product	: EUT-Sample		Test Mode	: See Section	on 2.2	
est Item	•	: Peak Power Spectral Density				
Fest Voltage	: DC 5V	Temperature: 25 ℃Humidity: 56%RH				
-			Trainiaity			
est Result	: PASS					
EE 802.11a and1						
Channel	Frequency (MHz)	PPSD (dBm)		C Limit (Hz)	Result	
Low	5180	3.657	11dF	3m/MHz	PASS	
High	5240	2.715	THE		PASS	
and2				irir		
Channel	Frequency (MHz)	PPSD (dBm)		C Limit (Hz)	Result	
Low	5260	2.720	1140	3m/MHz	PASS	
High	5320	5.140	TUE		PASS	
and4	<u>.</u>					
Channel	Frequency (MHz)	PPSD (dBm)		C Limit (Hz)	Result	
Low	5745	1.164		n/500 kHz	PASS	
High	5825	0.965	(26.990	Bm/MHz)	PASS	
EE 802.11n 5G nd1	20MHz					
Channel	Frequency (MHz)	PPSD (dBm)		C Limit (Hz)	Result	
Low	5180	2.976	1140		PASS	
High	5240	2.049	TIDE	3m/MHz	PASS	
nd2						
Channel	Frequency (MHz)	PPSD (dBm)		C Limit (Hz)	Result	
Low	5260	2.310	1140		PASS	
High	5320	2.175	TIUE	3m/MHz	PASS	
d4						
Channel	Frequency (MHz)	PPSD (dBm)		C Limit (Hz)	Result	
Low	5745	1.104	`	n/500 kHz	PASS	
High	5825	0.996		Bm/MHz)	PASS	
E 802.11n 5G	40MHz					
Channel	Frequency (MHz)	PPSD (dBm)		C Limit (Hz)	Result	
Low	5190	0.508			PASS	
High	5230	-0.938	11dE	8m/MHz —	PASS	
nd2						
	Frequency	PPSD	FCC	C Limit		
Channel		(MHz) (dBm)		(Hz)	Result	
Low	5270	-0.808			PASS	
High	5310	-2.798		3m/MHz	PASS	
nd4						
Channel	Frequency (MHz)	PPSD (dBm)		C Limit (Hz)	Result	
Low	5755	-1.709		n/500 kHz	PASS	
High	5795	-0.866		Bm/MHz)	PASS	





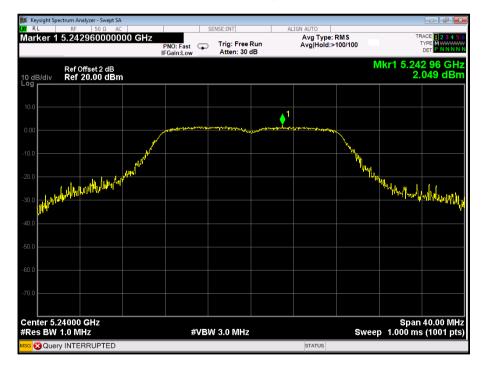


IEEE 802.11n 5G 20MHz Band1

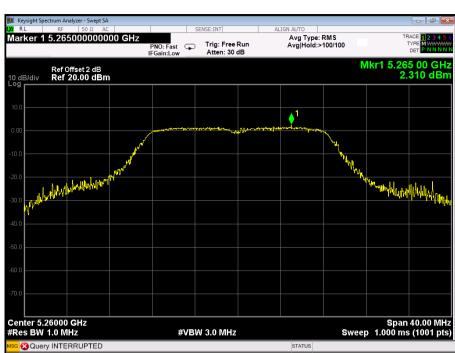
PPSD (CH Low)



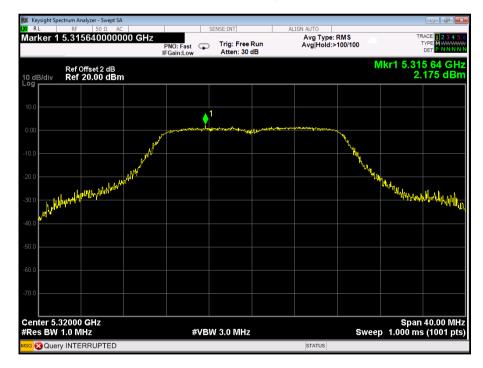
PPSD (CH High)



IEEE 802.11n 5G 20MHz Band2

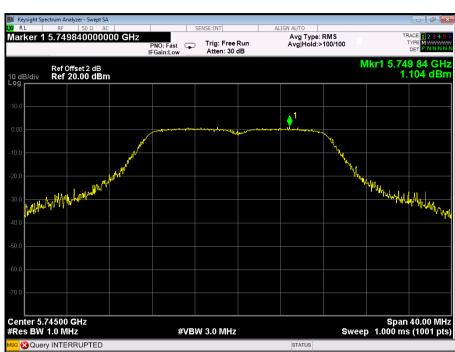


PPSD (CH High)

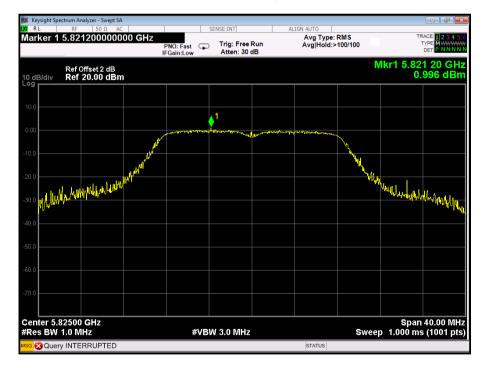


PPSD (CH Low)

IEEE 802.11n 5G 20MHz Band4

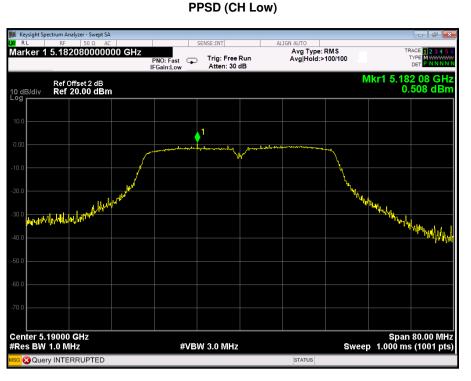


PPSD (CH High)

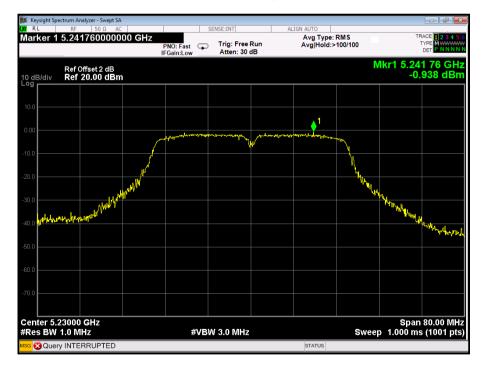


PPSD (CH Low)

IEEE 802.11n 5G 40MHz Band1

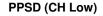


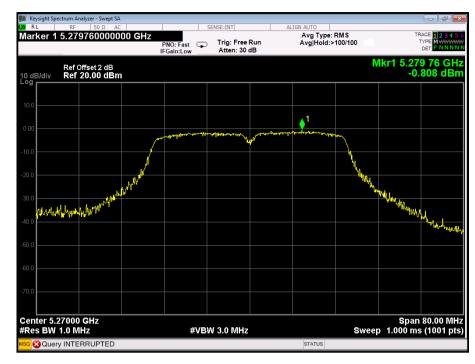
PPSD (CH High)



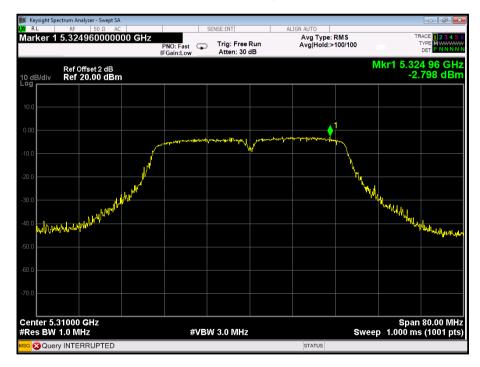
Report No.: FCC16083919A-7

IEEE 802.11n 5G 40MHz Band2

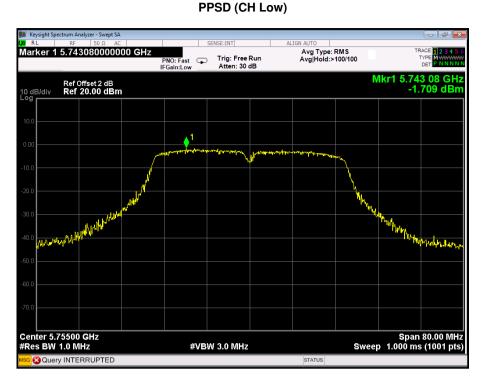




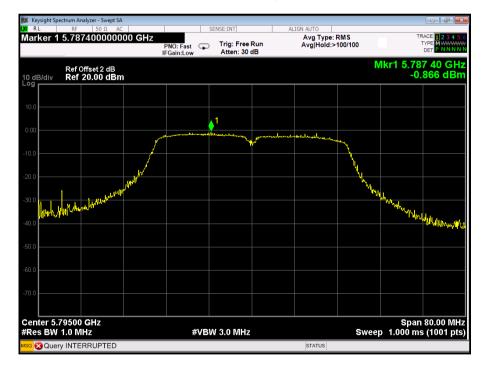
PPSD (CH High)



IEEE 802.11n 5G 40MHz Band4



PPSD (CH High)



Report No.: FCC16083919A-7

E. Frequency Stability

Product:	Mobile phone			Test	t Mode:	Mode: IEEE 802	2.11a
Test Item:	Frequency Stat	oility		Tem	perature:	25 ℃	
Test Voltage:	DC 5V			Hum	nidity:	56%RH	
Test Result:	PASS						
Voltage vs. Frequency	Stability		I				
Voltage		Ν	<i>Neasureme</i>	ent Fi	requency (MH	lz)	
(V)	5180 MHz	5240 MHz	5260 MH	Ηz	5320 MHz	5745 MHz	5825 MHz
126.50	5179.9488	5239.9206	5259.936	66	5319.9224	5744.9168	5824.9134
110.00	5179.9488	5239.9206	5259.936	66	5319.9224	5744.9168	5824.9134
93.50	5179.9488	5239.9206	5259.936	64	5319.9224	5744.9168	5824.9134
Max. Deviation (MHz)	0.0512	0.0794	0.0636	5	0.0776	0.0832	0.0866
Max. Deviation (ppm)	9.88	15.15	12.09		14.59	14.48	14.87
Temperature vs. Frequ	ency Stability						
Temperature		Ν	<i>Aeasureme</i>	ent Fi	requency (MH	lz)	
(°C)	5180 MHz	5240 MHz	5260 MH	Ηz	5320 MHz	5745 MHz	5825 MHz
0	5179.9494	5239.9202	5259.936	66	5319.9224	5744.9156	5824.9132
10	5179.9494	5239.9202	5259.936	66	5319.9224	5744.9156	5824.9132
20	5179.9494	5239.9202	5259.936	64	5319.9226	5744.9156	5824.9132
30	5179.9494	5239.9202	5259.936	64	5319.9224	5744.9156	5824.9132
40	5179.9494	5239.9202	5259.936	62	5319.9226	5744.9156	5824.9132
Max. Deviation (MHz)	0.0506	0.0792	0.0638	3	0.0776	0.0844	0.0868
Max. Deviation (ppm)	9.77	15.11	12.13		14.59	15.42	14.90

Page 80 of 92

							F
Product:	Mobile phone			Test	Mode:	Mode: IEEE 802	2.11n 20MHz
Test Item:	Frequency Stat	oility		Temp	perature:	25 ℃	
Test Voltage:	DC 5V			Hum	idity:	56%RH	
Test Result:	PASS						
Voltage vs. Frequency	Stability						
Voltage		Ν	<i>leasureme</i>	nt Fre	equency (MH	lz)	
(V)	5180 MHz	5240 MHz	5260 MH	Iz	5320 MHz	5745 MHz	5825 MHz
126.50	5179.9522	5239.9224	5259.931	12	5319.9320	5744.9214	5824.9256
110.00	5179.9522	5239.9218	5259.931	16	5319.9318	5744.9212	5824.9254
93.50	5179.9520	5239.9222	5259.931	12	5319.9322	5744.9212	5824.9256
Max. Deviation (MHz)	0.0480	0.0782	0.0688	1	0.0682	0.0788	0.0746
Max. Deviation (ppm)	9.26	14.92	13.08		12.82	13.72	12.81
Temperature vs. Frequ	ency Stability						
Temperature		Ν	<i>l</i> easureme	nt Fre	equency (MH	lz)	
(°C)	5180 MHz	5240 MHz	5260 MH	Ιz	5320 MHz	5745 MHz	5825 MHz
0	5179.9522	5239.9224	5259.931	12	5319.9320	5744.9214	5824.9256
10	5179.9522	5239.9218	5259.931	16	5319.9318	5744.9212	5824.9254
20	5179.9520	5239.9222	5259.931	12	5319.9320	5744.9212	5824.9256
30	5179.9522	5239.9222	5259.931	12	5319.9320	5744.9214	5824.9252
40	5179.9518	5239.9218	5259.931	10	5319.9318	5744.9214	5824.9254
Max. Deviation (MHz)	0.0482	0.0782	0.0690)	0.0682	0.0788	0.0748
Max. Deviation (ppm)	9.31	14.92	13.12		12.82	13.72	12.84

Page 81 of 92

						ſ
Product:	Mobile phone		-	Fest Mode:	Mode: IEEE 80	2.11n 40MHz
Test Item:	Frequency Stat	oility		Temperature:	25 ℃	
Test Voltage:	DC 5V			Humidity:	56%RH	
Test Result:	PASS					
Voltage vs. Frequency	Stability				1	
Voltage		Ν	<i>leasuremer</i>	nt Frequency (M	IHz)	
(V)	5190 MHz	5230 MHz	5270 MH	z 5310 MH	z 5755 MHz	5795 MHz
126.50	5189.9348	5229.9214	5269.116	5309.222	5744.9162	5794.9124
110.00	5189.9348	5229.9214	5269.118	3 5309.224	5744.9162	5794.9124
93.50	5189.9348	5229.9214	5269.116	5309.224	5744.9162	5794.9124
Max. Deviation (MHz)	0.0652	0.0786	0.0884	0.0778	0.0838	0.0876
Max. Deviation (ppm)	12.56	15.03	16.77	14.65	14.56	15.12
Temperature vs. Frequ	ency Stability					
Temperature		Ν	leasuremer	nt Frequency (M	lHz)	
(°C)	5190 MHz	5230 MHz	5270 MH	z 5310 MH	z 5755 MHz	5795 MHz
0	5189.9344	5229.9210	5269.116	5309.222	5754.9162	5794.9128
10	5189.9344	5229.9210	5269.118	3 5309.224	5754.9162	5794.9128
20	5189.9344	5229.9210	5269.116	5309.224	5754.9162	5794.9128
30	5189.9344	5229.9210	5269.120) 5309.222	5754.9162	5794.9128
40	5189.9344	5229.9210	5269.116	5309.220	5754.9162	5794.9128
Max. Deviation (MHz)	0.0656	0.0790	0.0884	0.780	0.0838	0.0872
Max. Deviation (ppm)	12.64	15.11	16.77	14.69	14.56	15.05

8. BAND EDGE EMISSIONS

8. 1 Test Equipment Please refer to Section 4 this report.

8. 2 Test Procedure

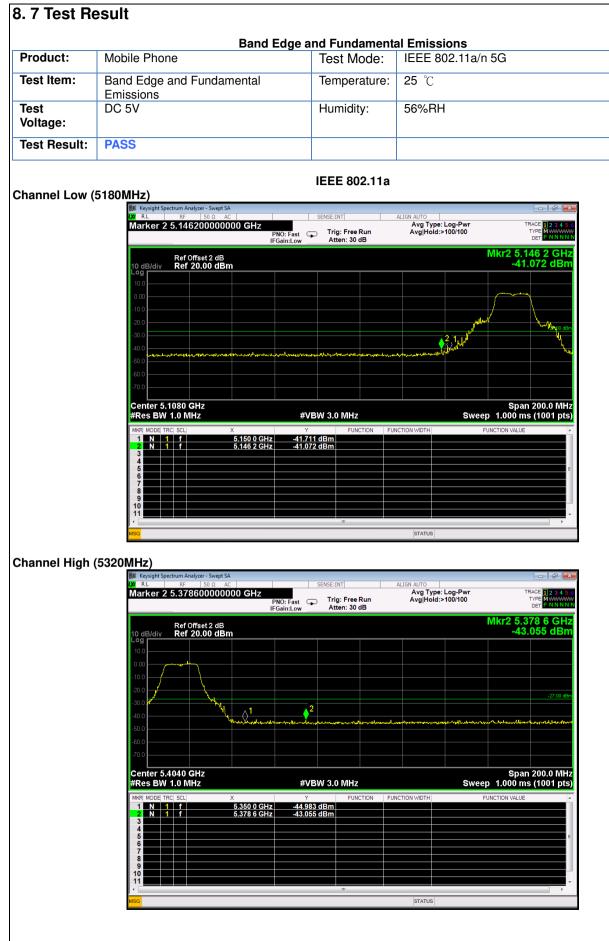
Band Edge Emis	sions Measurement:	
Test Method:	a.)The EUT was tested according to AN	ISI C63.10.
		turntable which table size is 1m x 1.5 m, table high
	0.8 m. All set up is according to ANSI	
		o 40 GHz was investigated. All readings from <u>9</u> kHz
		h a resolution bandwidth of $\frac{200}{100}$ Hz. All readings from
		alues with a resolution bandwidth of <u>9</u> KHz. All Juasi-peak values with a resolution bandwidth of <u>120</u>
		peak values with a resolution bandwidth of 120 peak values with a resolution bandwidth of 1 MHz.
	Measurements were made at 3 meter	
		asured continuously at every azimuth by rotating the
	turntable. The Receiving antenna hig	h is varied from $\underline{1}$ m to $\underline{4}$ m high to find the maximum
		ons below 30MHz were measured with a loop
		z were measured using a broadband E-field
	antenna.	d on the six (C) highest organizate should FUT
		d on the six (6) highest emissions to ensure EUT binations. All data was recorded in the peak
		was performed only when an emission was found to
		tion limit), and are distinguished with a " QP " in the
	data table.	
		y changing the polarization of receiving antenna
	both	
		out the max. emission, the relative positions of this
	requirements in	three orthogonal axes according to the
	Section 8 and 13 of ANSI C63.10.	
Band Edge Emis	sions Measurement:	
Test Equipment Set		
a)Attenuation: Au	to	d)RBW/VBW(Emission in non-restricted band)
b)Span Frequenc		1MHz / 3MHz for peak
	ission in restricted band):	
1MHz / 3MHz for)	
1MHz / 1/T for Av	erage	

8. 3 Test Setup Same as section 2.2 of this report

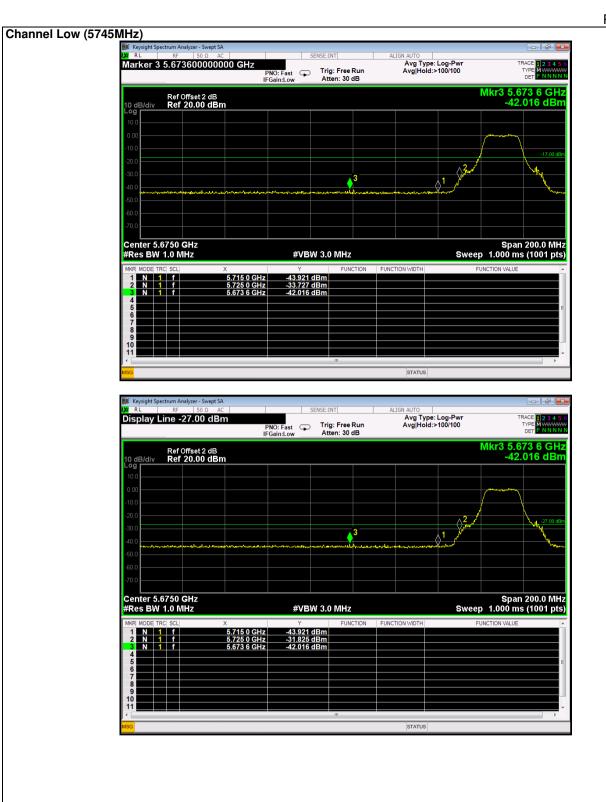
8. 4 Configuration of the EUT Same as section 2.2 of this report

8. 5 EUT Operating Condition Same as section 2.2 of this report.

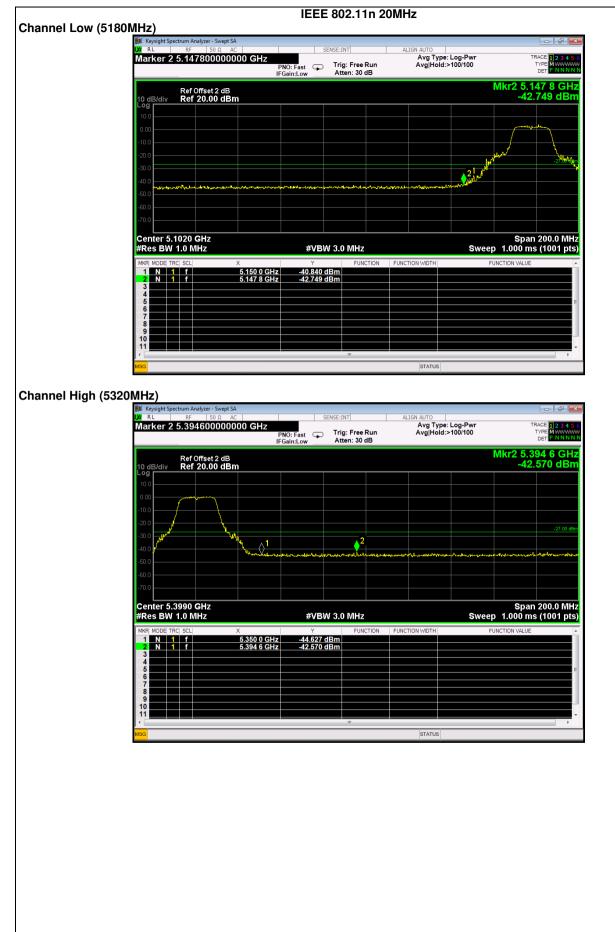
urique Padia	ted Emission & Band Edge Emissions Measurement:
nit:	For transmitters operating in the 5.15-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. For transmitters operating in the 5.470-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. For transmitters operating in the 5.470-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. For transmitters operating in the 5.725-5.85 GHz band: all emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.
	In any 100 KHz bandwidth outside the operating frequency band, the radio frequency power that is produced by modulation products of the spreading sequence, the information sequence and the carrier frequency shall be either at least 20 dB below that in any 100 KHz bandwidth within the band that contains the highest level of the desired power or shall not exceed the general levels specified in section 15.209(a), which lesser attenuation.
	All other emissions inside restricted bands specified in section 15.205(a) shall not exceed the general radiated emission limits specified in section 15.209(a)
rmitted average CFR § 15.23	pnics/spurious emissions that fall in the restricted bands listed in section 15.205. The maximum ge field strength is listed in section 15.209. 7(c): The emission limits as specified above are based on measurement instrument employing ctor. The provisions in section 15.35 for limiting peak emissions apply.



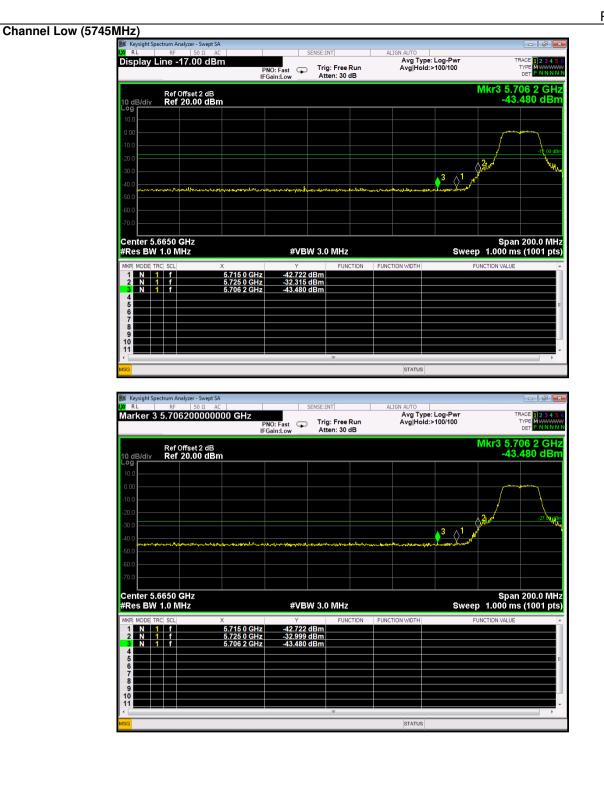
Report No.: FCC16083919A-7

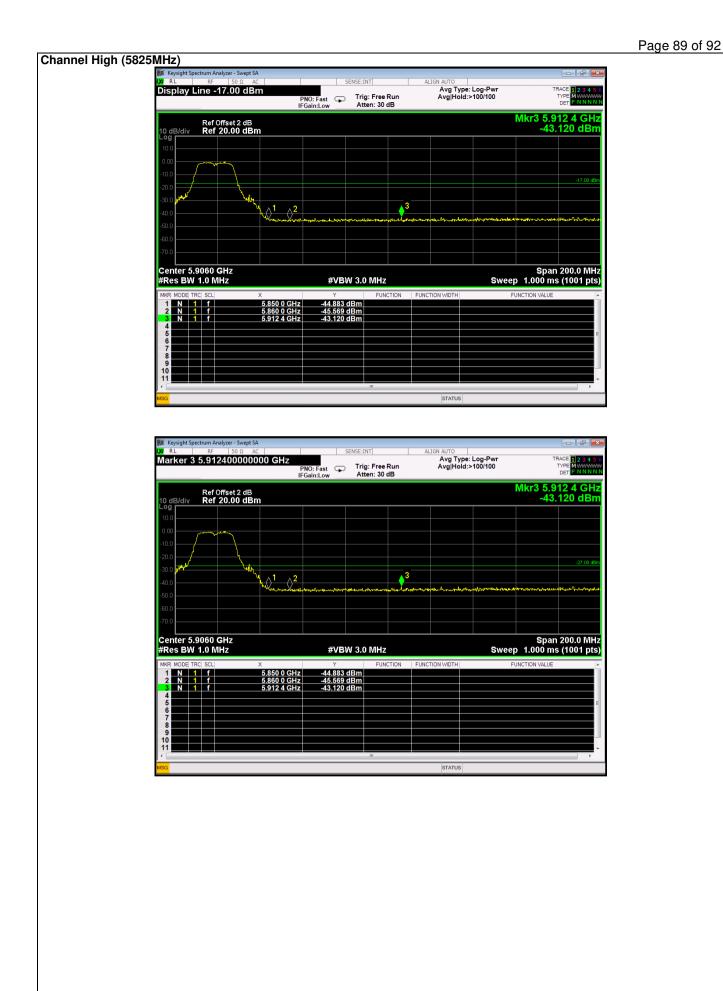


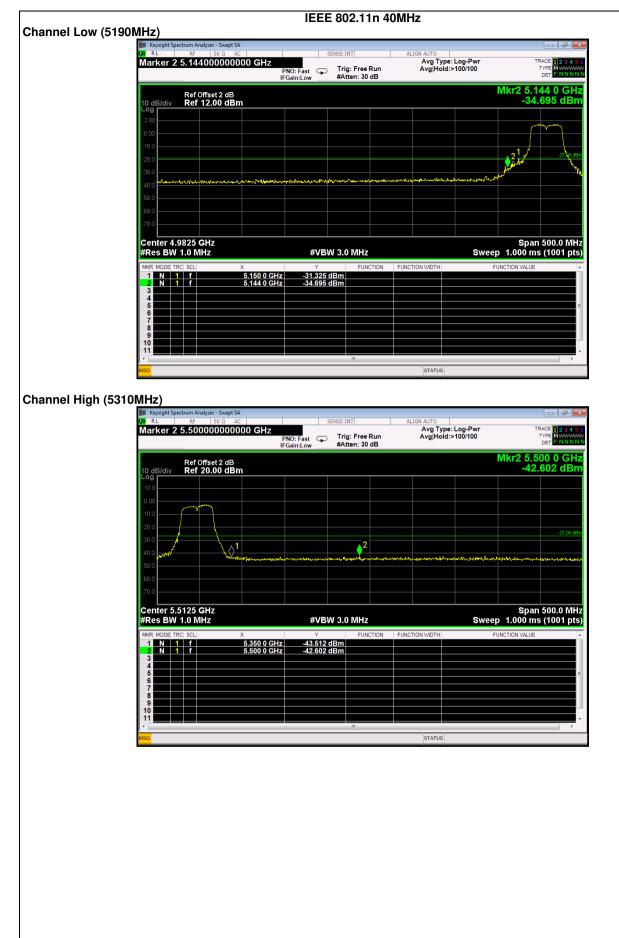




Report No.: FCC16083919A-7







Report No.: FCC16083919A-7

