



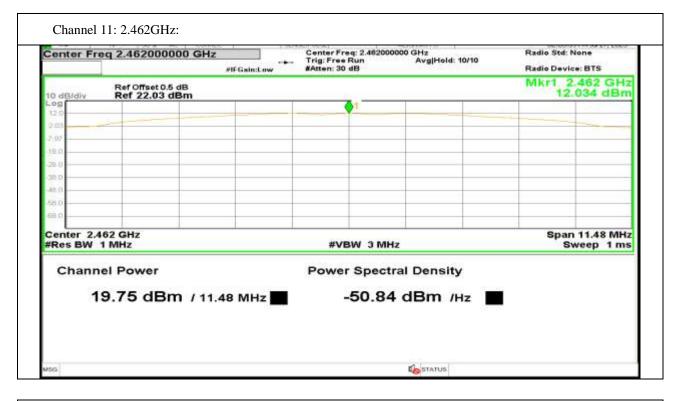


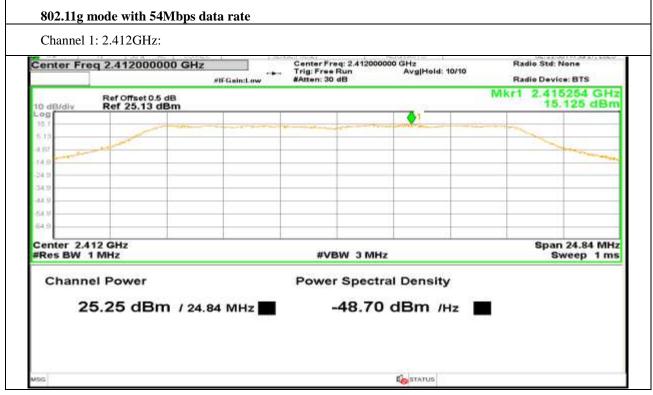
## Antenna 2:

Center Freq 2.4	112000000 GH	Z #IFGain:Low	Center Freq: 2.412 Trig: Free Run MAtten: 30 dB	000000 GHz Avg Hold>10/10	Radio Std: None Radio Device: BTS
	Offset 0.5 dB f 21.68 dBm				Mkr1 2.412 GH: 11.681 dBn
11.7			<b>1</b>		
1.65					
4.30					
-29.3					
38/3					
46.3					
6ff: 3					
Center 2,412 G			#VBW 31	WHz	Span 12.2 MH Sweep 1 m
Channel Po	en de la companya de				
Channel Po	Swer		Fower spe	ctral Density	
19.4	2 dBm / 12	2.2 MHz	-51.4	44 dBm /Hz	
156					
150				the status	
<b>15</b> 6				<b>K</b> STATUS	
	137GHz:			to status	
Channel 6: 2.4	1.00 A	Z	Center Freq: 2.437	000000 GHz	Radio Std: None
Channel 6: 2.4	1.00 A	Z #IFGain:Low	Center Freq; 2.437 Trig: Free Run #Atten: 30 dB	000000 GHz Avg Held: 10/10	Radio Device: BTS
Channel 6: 2.4	1.00 A	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	000000 GHz Avg Held: 10/10	
Channel 6: 2.4 Center Freq 2.4	137000000 GH	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	000000 GHz Avg Held: 10/10	Radio Device: BTS Mkr1 2.4370214 GH:
Channel 6: 2.4	137000000 GH	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	000000 GHz Avg Held: 10/10	Radio Device: BTS Mkr1 2.4370214 GH:
Channel 6: 2.4 Center Freq 2.4	137000000 GH	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	000000 GHz Avg Held: 10/10	Radio Device: BTS Mkr1 2.4370214 GH:
Channel 6: 2.4	137000000 GH	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	000000 GHz Avg Held: 10/10	Radio Device: BTS Mkr1 2.4370214 GH:
Channel 6: 2.4	137000000 GH	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	000000 GHz Avg Held: 10/10	Radio Device: BTS Mkr1 2.4370214 GH:
Channel 6: 2.4	137000000 GH	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	000000 GHz Avg Held: 10/10	Radio Device: BTS Mkr1 2.4370214 GH:
Channel 6: 2.4	137000000 GH	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	000000 GHz Avg Held: 10/10	Radio Device: BTS Mkr1 2.4370214 GH:
Channel 6: 2.4	13700000 GH	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run MAtten: 30 dB	000000 GH2 Avg Held: 10/10	Radio Device: BTS Mkr1 2.4370214 GH: 11.898 dBn Span 10.71 MH:
Channel 6: 2.4	13700000 GH	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	000000 GH2 Avg Held: 10/10	Radio Device: BTS Mkr1 2.4370214 GH; 11.898 dBn
Channel 6: 2.4	13700000 GH	A CONTRACTOR OF A CONTRACTOR O	#VBW 31	000000 GH2 Avg Held: 10/10	Radio Device: BTS Mkr1 2.4370214 GH: 11.898 dBn Span 10.71 MH:
Channel 6: 2.4	13700000 GH	#IFGain:Low	#VBW 3 I	000000 GHz AvgHold: 10/10	Radio Device: BTS Mkr1 2.4370214 GH: 11.898 dBn Span 10.71 MH:
Channel 6: 2.4	13700000 GH	#IFGain:Low	#VBW 3 I	000000 GHz AvgiHold: 10/10	Radio Device: BTS Mkr1 2.4370214 GH: 11.898 dBn Span 10.71 MH:



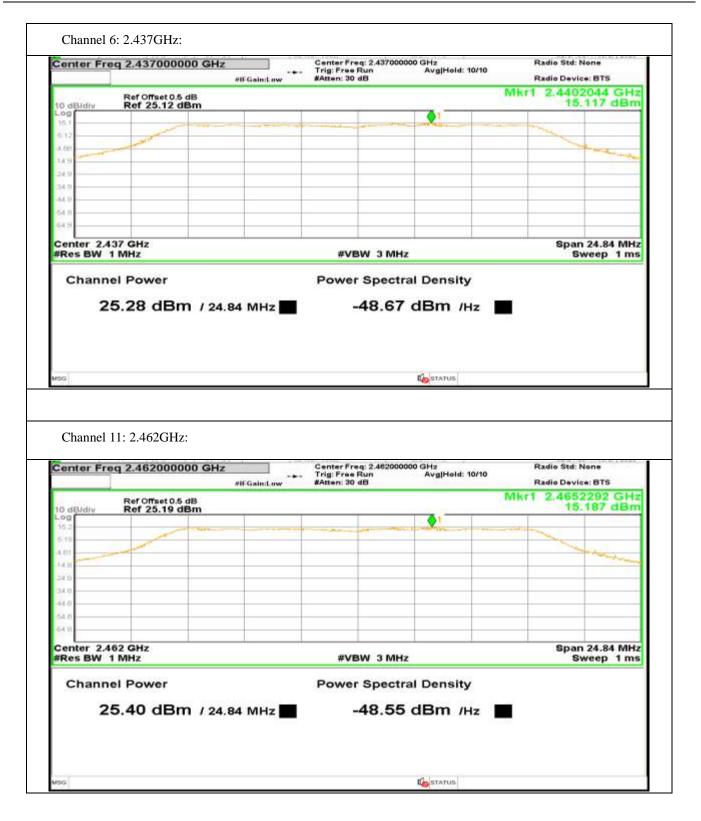












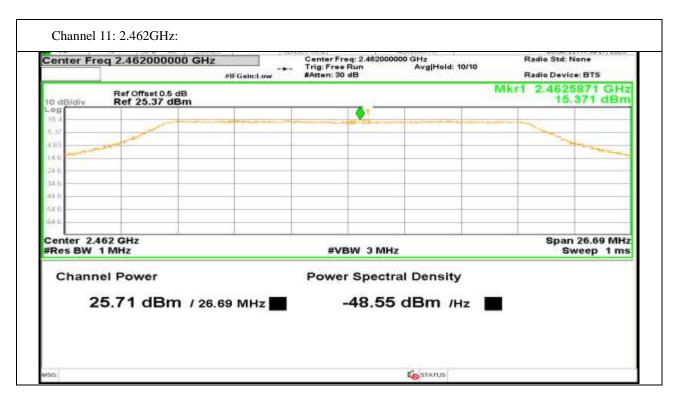








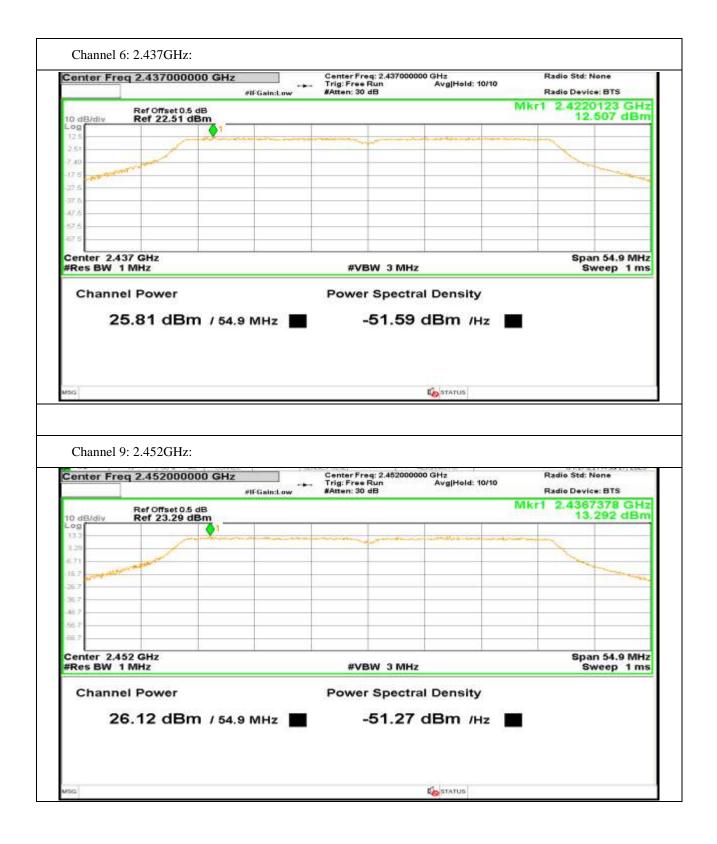












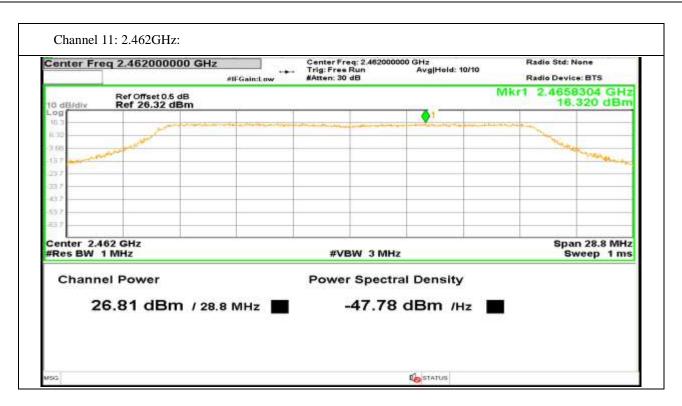








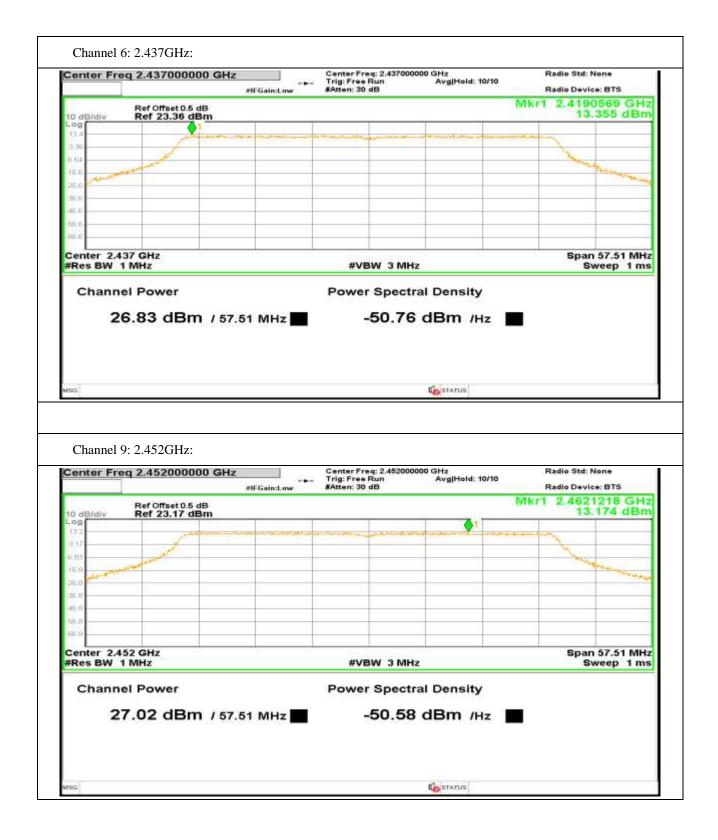














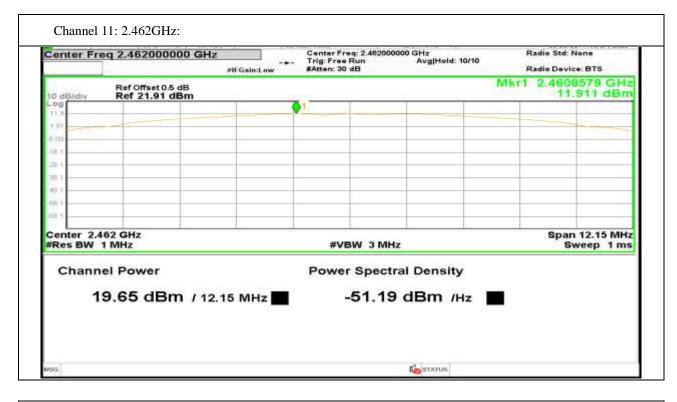


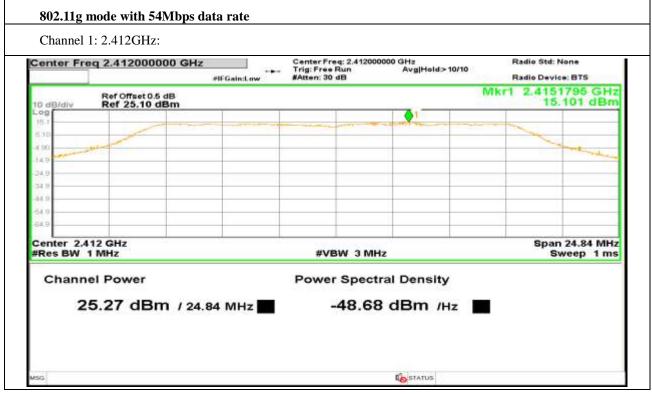
## Antenna 3:

Center Freq 2.4120000	900 GHz	Center Freq: 2.412000 Trig: Free Run #Atten: 30 dB	000 GHz Avg Held: 10/10	Radio Std: None Radio Device: BTS
Ref Offset 0.5 Ref 21.83 d			Mkr1 2.412 GHz 11.826 dBm	
110		<b>(</b> )		
1 83				
18.2				
29.2				
30 2				
68.2				
m 2				
Center 2.412 GHz #Res BW 1 MHz		#VBW 3 MH	z	Span 11.43 MHz Sweep 1 ms
Channel Power		Power Spectr	ral Density	
	n / 11.43 MHz		idBm /нг	
55			to status	
sg			to status	
ss Channel 6: 2.437GHz:			to status	
Channel 6: 2.437GHz:	0-3	Center Freq: 2,437000 Trig: Free Run #Att: Free Run		Radio Std: None Radio Device: BTS
Channel 6: 2.437GHz: Center Freq 2.4370000 Ref Offset 0.5	dB	Trig: Free Run	000 GHz Avg Held>10/10	
Channel 6: 2.437GHz: Center Freq 2.4370000 Ref Offset 0.5 Ref 22.13 d	dB	Trig: Free Run	000 GHz Avg Held>10/10	Radio Device: BTS Akr1 2.4369758 GHz
Channel 6: 2.437GHz: Center Freq 2.4370000 Ref Offset 0.5 Ref 22.13 d	dB	Trig: Free Run	000 GHz Avg Held>10/10	Radio Device: BTS Akr1 2.4369758 GHz
Channel 6: 2.437GHz: Center Freq 2.4370000 Ref Offset 0.5 Ref 22.13 d	dB	Trig: Free Run	000 GHz Avg Held>10/10	Radio Device: BTS Akr1 2.4369758 GHz
Channel 6: 2.437GHz: Center Freq 2.4370000 Ref Offset 0.5 Ref 22.13 d 213 213 213 213 213 213 213 213	dB	Trig: Free Run	000 GHz Avg Held>10/10	Radio Device: BTS Akr1 2.4369758 GHz
Center Freq 2.4370000 Ref Offset 0.5 Ref 22.13 d Control of the set of the	dB	Trig: Free Run	000 GHz Avg Held>10/10	Radio Device: BTS Akr1 2.4369758 GHz
Channel 6: 2.437GHz:	dB	Trig: Free Run	000 GHz Avg Held>10/10	Radio Device: BTS Akr1 2.4369758 GHz
Channel 6: 2.437GHz: Center Freq 2.4370000 Ref Offset 0.5 Ref 22.13 d	dB	Trig: Free Run	000 GHz Avg Held>10/10	Radio Device: BTS Akr1 2.4369758 GHz
Channel 6: 2.437GHz:	dB	Trig: Free Run	000 GHz Avg Hold>10/10	Radio Device: BTS Akr1 2.4369758 GHz
Channel 6: 2.437GHz:	dB	Trig:Free Run #Atten: 30 dB	000 GHz Avg Hold>10/10	Radio Device: BTS Akr1 2.4369758 GHz 12.132 dBm Span 12.11 MHz
Channel 6: 2.437GHz:	dB	*VBW 3 MH	000 GHz Avg Hold>10/10	Radio Device: BTS Akr1 2.4369758 GHz 12.132 dBm Span 12.11 MHz



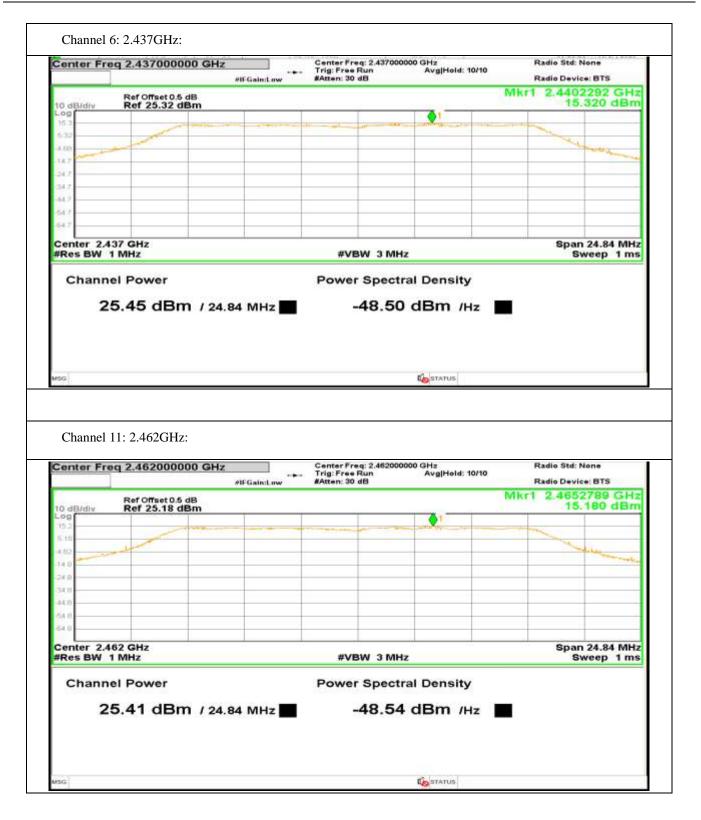








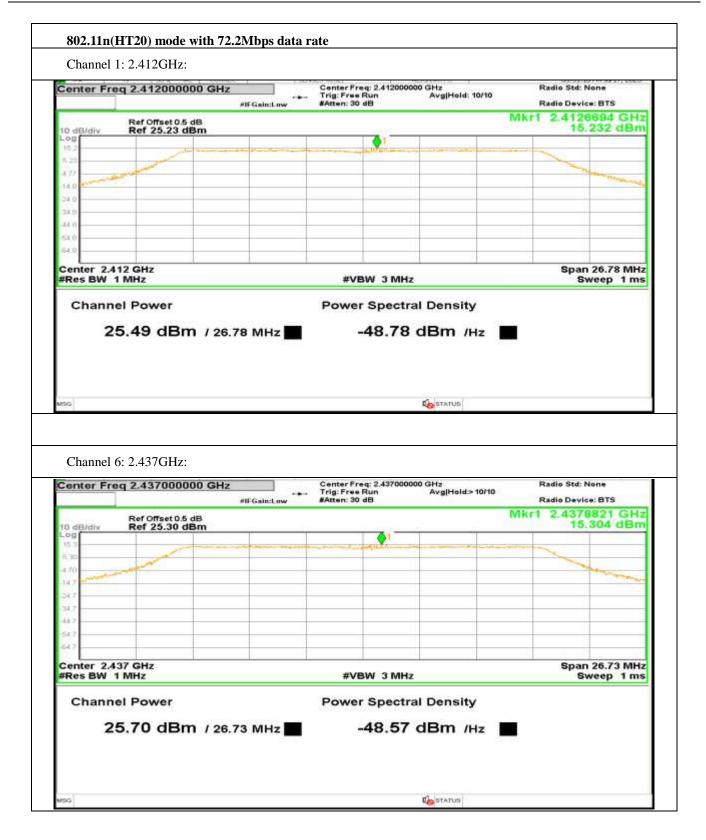




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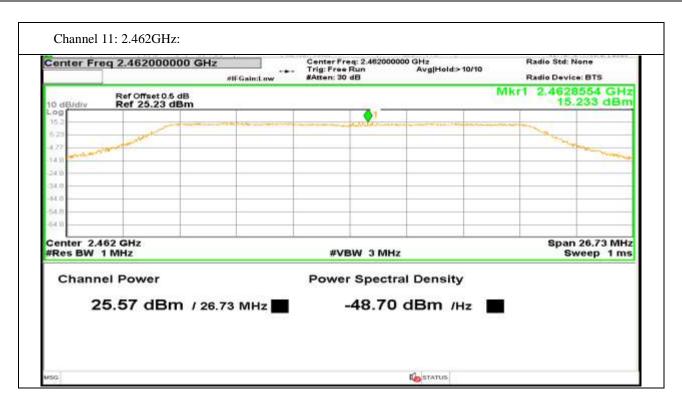


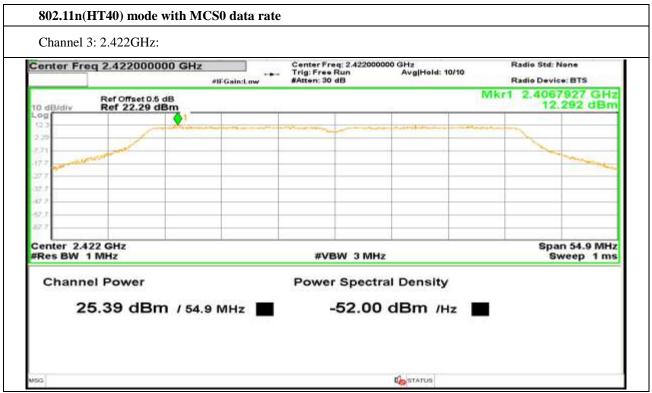






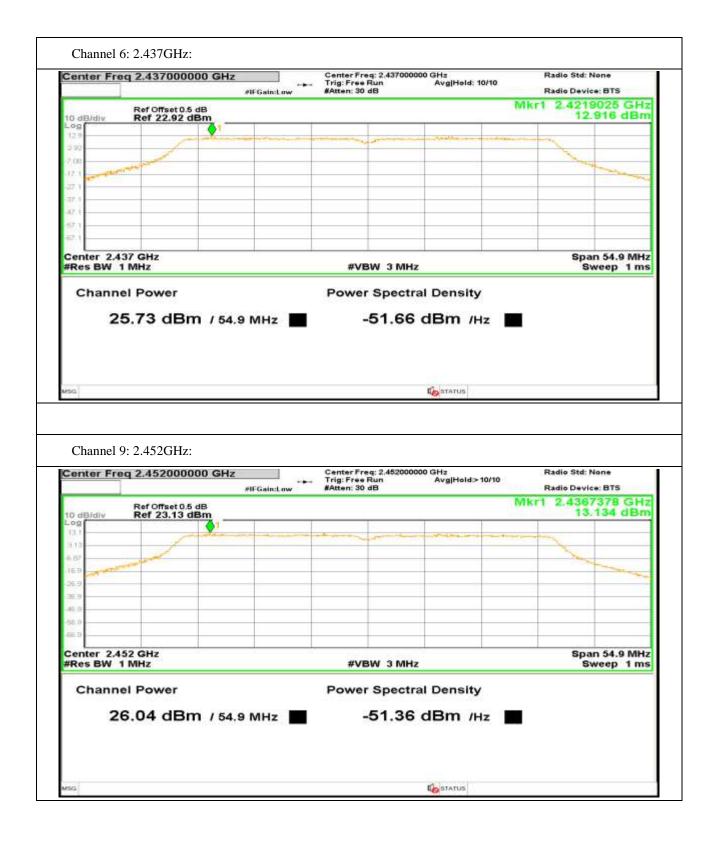






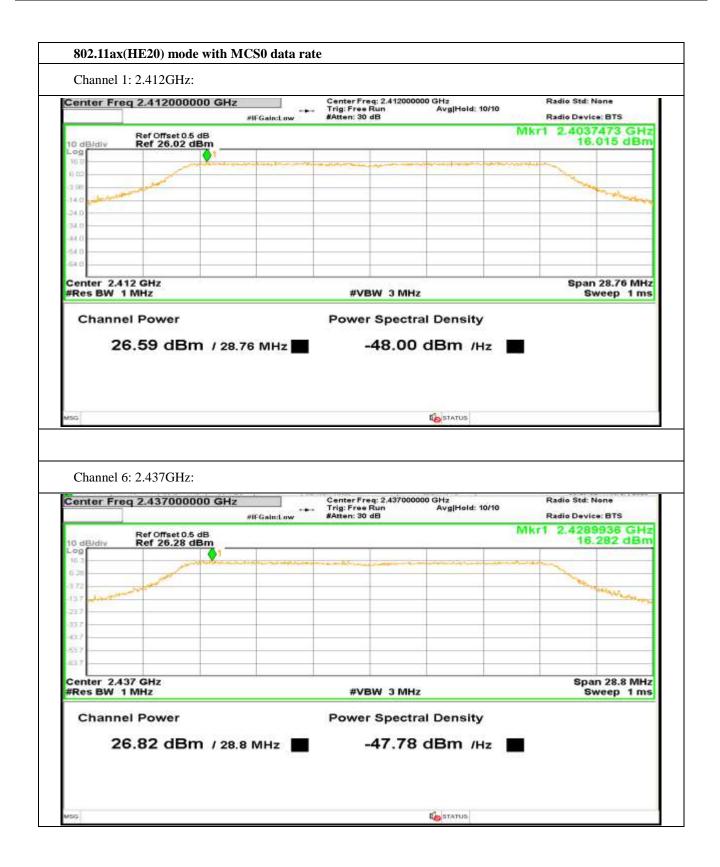






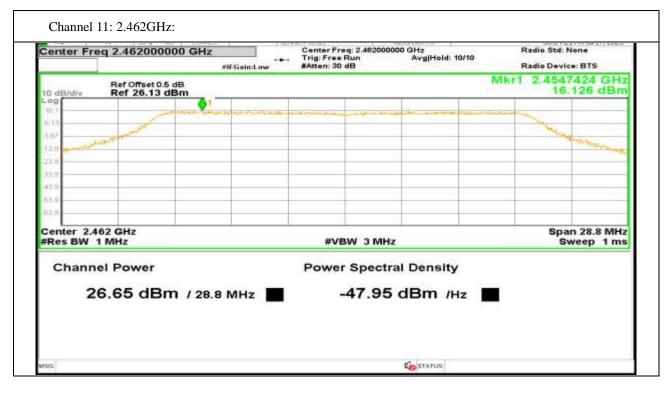


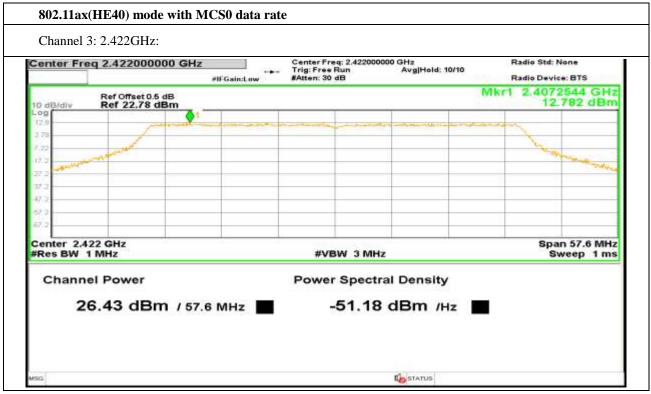






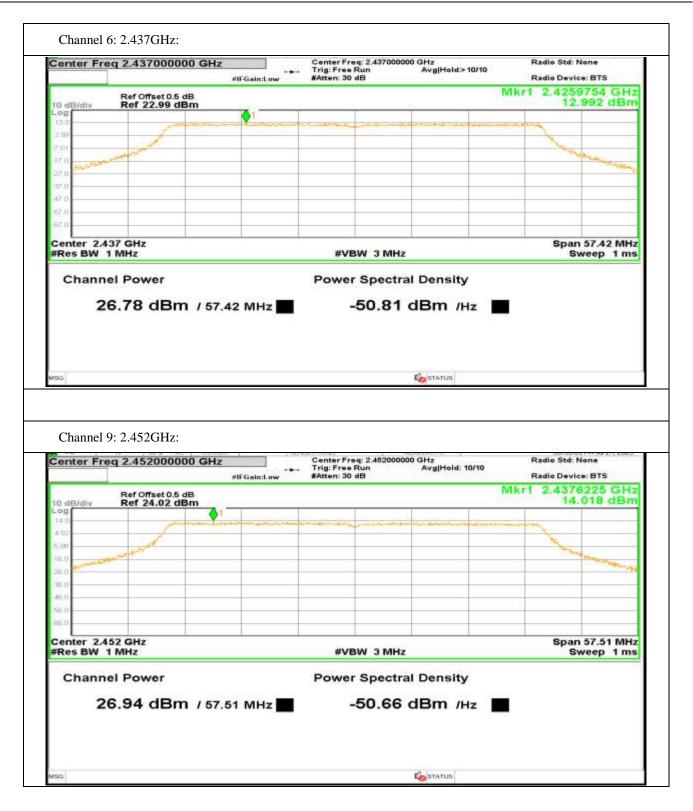
















# 7.7 Peak Power Spectral Density

Test Requirement:	FCC Part 15 C section 15.247
	(e) For digitally modulated systems, the power spectral density conducted
	from the intentional radiator to the antenna shall not be greater than 8 dBm in
	any 3 kHz band during any time interval of continuous transmission.
	This power spectral density shall be determined in accordance with the
	provisions of paragraph (b) of this section. The same method of determining
	the conducted output power shall be used to determine the power spectral
	density.
Test Method:	ANSI C63.10: Clause 6.11.2.3
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all
	possible combinations between available modulations, data rates and antenna
	ports (if EUT with antenna diversity architecture). Following channel(s) was
	(were) selected for the final test as listed below.
	Pre-Test the EUT using external Standard DC power source for powering on
	the board.
Test Configuration:	

Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane





#### Test Procedure:

- 1. Remove the antenna from the EUT and then connect a low attention attenuation RF cable (cable loss =1.0 dB) from the antenna port to the spectrum analyzer or power meter.
- 2. Set the spectrum analyzer:
  - a) Set CENTER FREQUENCY = Frequency from Power Spectral Density Test Matrix (see 6.10.2)
  - b) Set SPAN = 20 MHz (For devices with a nominal 40 MHz BW, 50 MHz span will be needed)

c) Set REFERENCE LEVEL = 20 dBm

- d) Set ATTENUATION = 0 dB (add internal attenuation, if necessary)
- e) Set SWEEP TIME = Coupled
- f) Set RBW = 3 kHz
- g) Set VBW = 10 kHz
- h) Set DETECTOR = Peak
- i) Set MKR = Center Frequency
- j) Set TRACE = CLEAR WRITE

Place the radio in continuous transmit mode. Set the TRACE to MAX HOLD, and after the trace stabilizes, the TRACE to VIEW. Set the marker on the peak of the signal and then adjust the center frequency of the spectrum analyzer to the marker frequency.

After viewing the EUT waveform on the spectrum analyzer, perform the following spectrum analyzer functions to capture the trace:

functions to capture the trace

Set SPAN = 300 kHz

Set SWEEP TIME = 100 s

Set TRACE = MAX HOLD

Set MKR = PEAK SEARCH

- 3. Measure the Power Spectral Density of the test frequency with special test status.
- 4. Repeat until all the test status is investigated.
- 5. Report the worse case.





## Test result: <u>Antenna 0:</u>

Channel No.	Frequency (MHz)	Mode	Data Rate	Measured Peak Power Spectral Density (dBm/3KHz)	Limit	Result
1	2412		11 Mbps	-4.65		Pass
6	2437	802.11b	11 Mbps	-5.85		Pass
11	2462		11 Mbps	-4.70		Pass
1	2412		54 Mbps	-9.70		Pass
6	2437	802.11g	54 Mbps	-9.75		Pass
11	2462		54 Mbps	-9.47	8dBm/3KHZ	Pass
1	2412	902 11-	72.2 Mbps	-8.60		Pass
6	2437	802.11n (HT20)	72.2 Mbps	-9.04		Pass
11	2462	(H120)	72.2 Mbps	-8.39		Pass
3	2422		MCS0	-12.23		Pass
6	2437	802.11n (HT40)	MCS0	-11.38		Pass
9	2452	(11140)	MCS0	-11.31		Pass
1	2412		MCS0	-9.42		Pass
6	2437	802.11ax (HE20)	MCS0	-9.36	-	Pass
11	2462		MCS0	-9.28		Pass
3	2422		MCS0	-12.28		Pass
6	2437	802.11ax (HE40)	MCS0	-12.11		Pass
9	2452	()	MCS0	-12.29		Pass





## Antenna 1:

Channel No.	Frequency (MHz)	Mode	Data Rate	Measured Peak Power Spectral Density (dBm/3KHz)	Limit	Result
1	2412		11 Mbps	-4.77		Pass
6	2437	802.11b	11 Mbps	-4.55		Pass
11	2462		11 Mbps	-4.80		Pass
1	2412		54 Mbps	-9.02		Pass
6	2437	802.11g	54 Mbps	-9.82		Pass
11	2462		54 Mbps	-9.31	8dBm/3KHZ	Pass
1	2412	802.11	72.2 Mbps	-8.32		Pass
6	2437	802.11n	72.2 Mbps	-7.98		Pass
11	2462	(HT20)	72.2 Mbps	-7.96		Pass
3	2422		MCS0	-12.28		Pass
6	2437	802.11n (HT40)	MCS0	-11.86		Pass
9	2452	(11110)	MCS0	-11.39		Pass
1	2412		MCS0	-9.68		Pass
6	2437	802.11ax (HE20)	MCS0	-9.70		Pass
11	2462	(	MCS0	-9.27		Pass
3	2422		MCS0	-12.11		Pass
6	2437	802.11ax (HE40)	MCS0	-12.58	1	Pass
9	2452	(11210)	MCS0	-12.13	<u> </u>	Pass





## Antenna 2:

Channel No.	Frequency (MHz)	Mode	Data Rate	Measured Peak Power Spectral Density (dBm/3KHz)	Limit	Result
1	2412		11 Mbps	-4.31		Pass
6	2437	802.11b	11 Mbps	-2.79		Pass
11	2462		11 Mbps	-4.48	8dBm/3KHZ	Pass
1	2412		54 Mbps	-9.89		Pass
6	2437	802.11g	54 Mbps	-9.90		Pass
11	2462		54 Mbps	-9.14		Pass
1	2412	802.11	72.2 Mbps	-8.80		Pass
6	2437	802.11n (HT20)	72.2 Mbps	-8.72		Pass
11	2462	(H120)	72.2 Mbps	-7.15		Pass
3	2422		MCS0	-11.86		Pass
6	2437	802.11n (HT40)	MCS0	-11.72		Pass
9	2452	()	MCS0	-11.11		Pass
1	2412		MCS0	-9.49		Pass
6	2437	802.11ax (HE20)	MCS0	-9.21		Pass
11	2462	(,	MCS0	-8.61		Pass
3	2422		MCS0	-12.24		Pass
6	2437	802.11ax (HE40)	MCS0	-12.51		Pass
9	2452	()	MCS0	-12.11		Pass





## Antenna 3:

Channel No.	Frequency (MHz)	Mode	Data Rate	Measured Peak Power Spectral Density (dBm/3KHz)	Limit	Result
1	2412		11 Mbps	-5.25		Pass
6	2437	802.11b	11 Mbps	-4.49		Pass
11	2462		11 Mbps	-5.03		Pass
1	2412		54 Mbps	-10.10		Pass
6	2437	802.11g	54 Mbps	-9.52	8dBm/3KHZ	Pass
11	2462		54 Mbps	-9.64		Pass
1	2412	002.11	72.2 Mbps	-8.71		Pass
6	2437	802.11n	72.2 Mbps	-8.60		Pass
11	2462	(HT20)	72.2 Mbps	-8.95		Pass
3	2422		MCS0	-12.30		Pass
6	2437	802.11n (HT40)	MCS0	-11.46		Pass
9	2452	(П140)	MCS0	-11.31		Pass
1	2412		MCS0	-9.59		Pass
6	2437	802.11ax (HE20)	MCS0	-9.53		Pass
11	2462	(1220)	MCS0	-8.94		Pass
3	2422		MCS0	-12.25	1	Pass
6	2437	802.11ax (HE40)	MCS0	-12.58		Pass
9	2452	(112.10)	MCS0	-12.08		Pass

Test result: Level = Read Level + Cable Loss.

The unit does meet the FCC requirements.





## **Result plot as follows:**

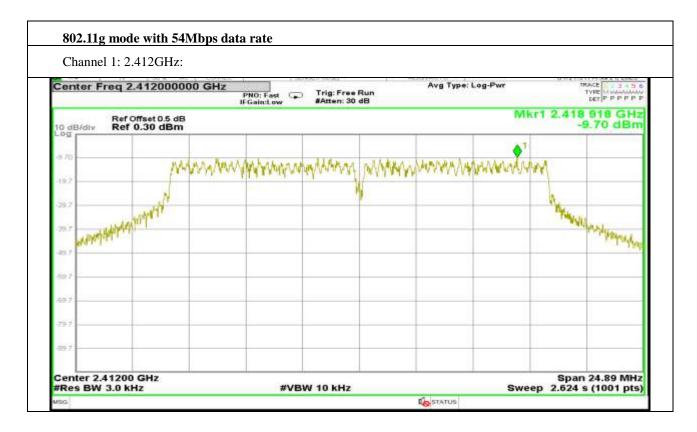
Antenna 0





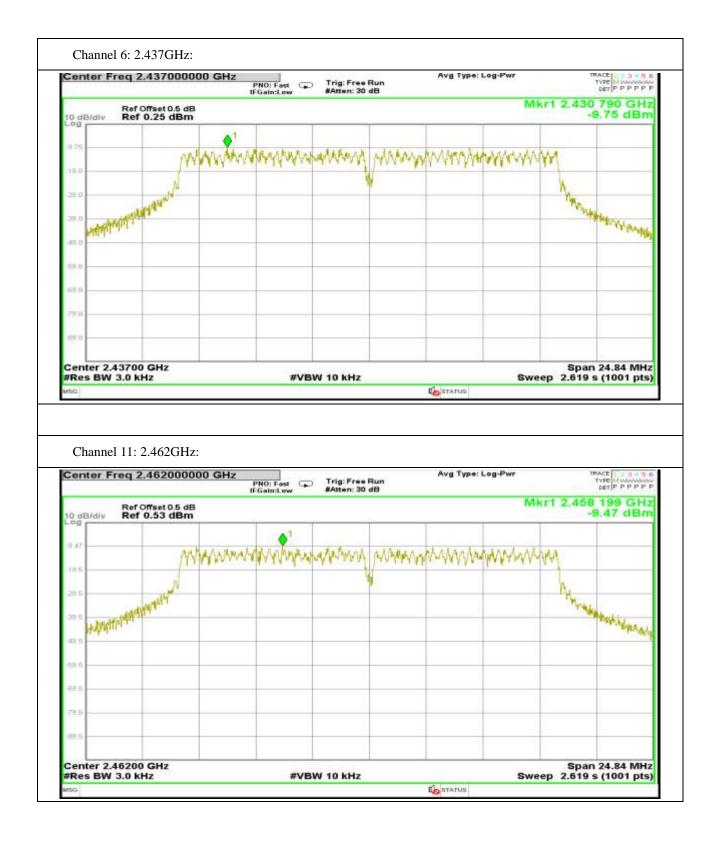






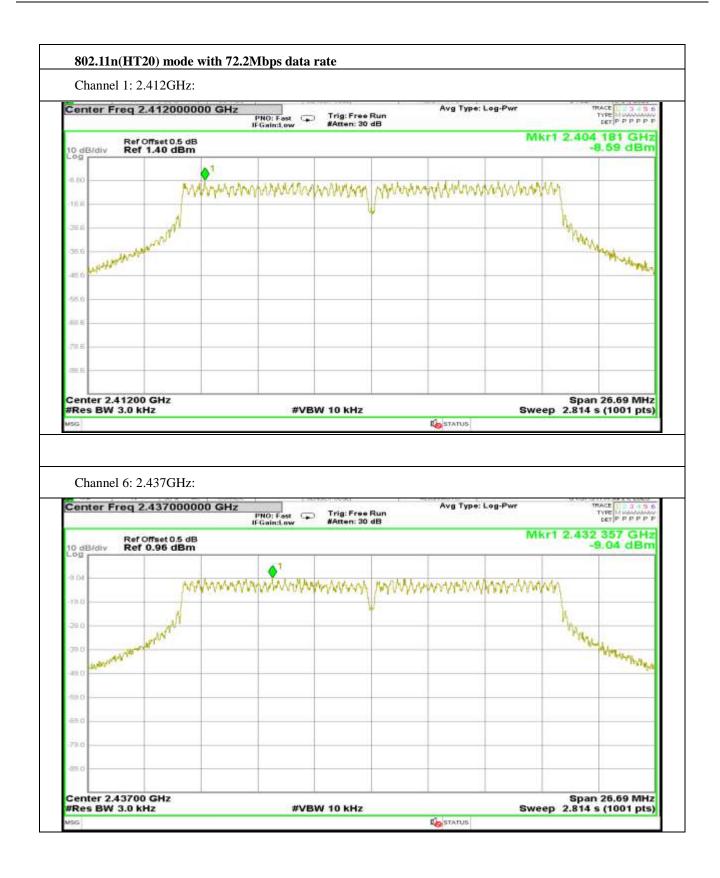






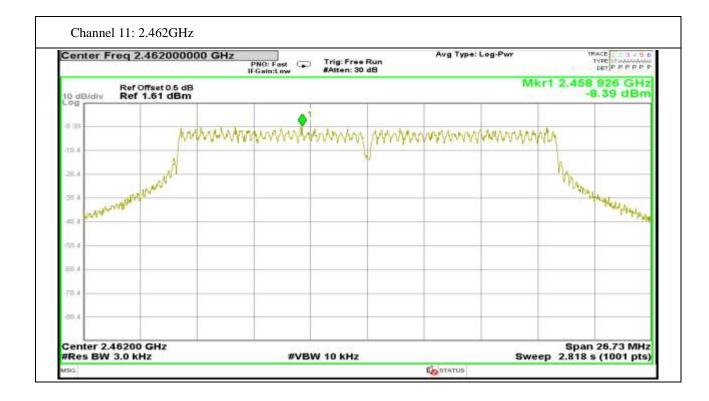


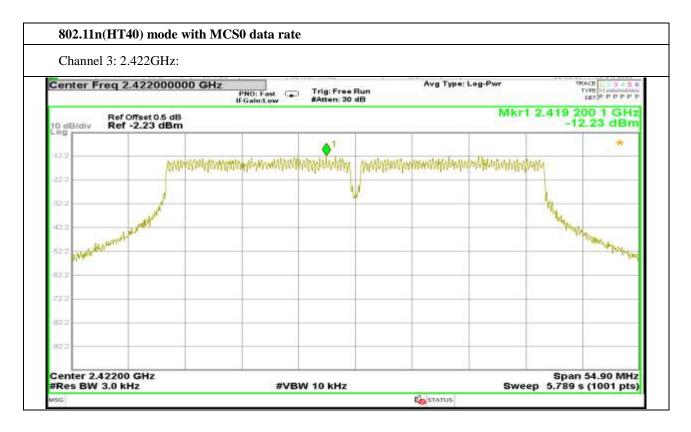






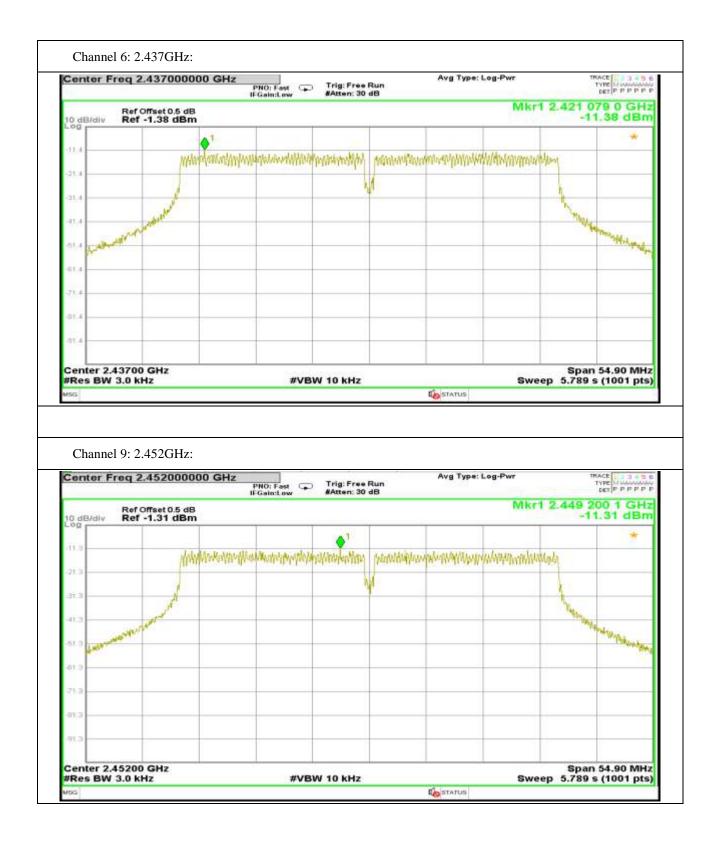






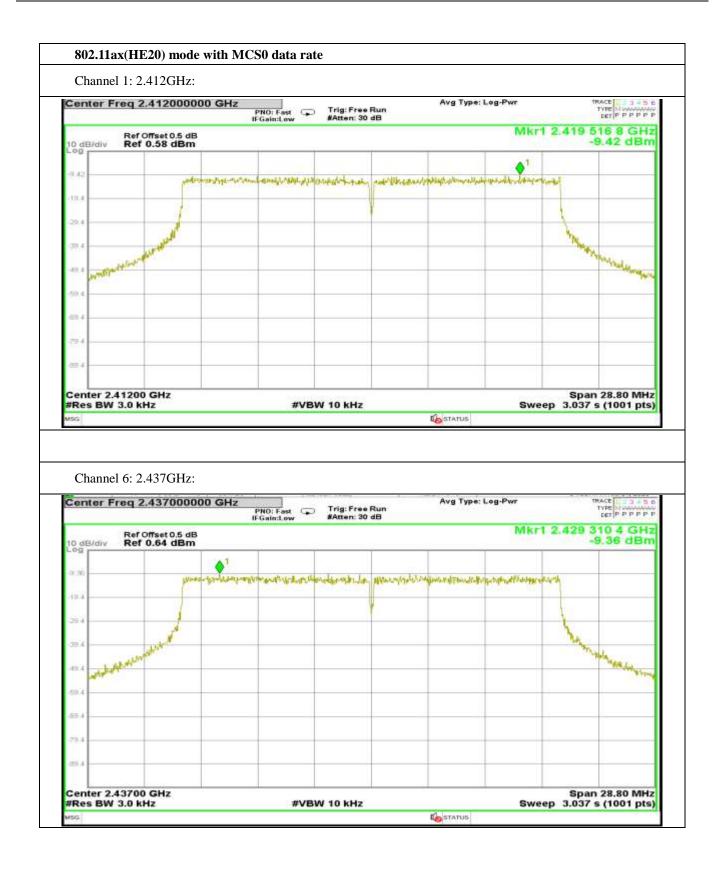














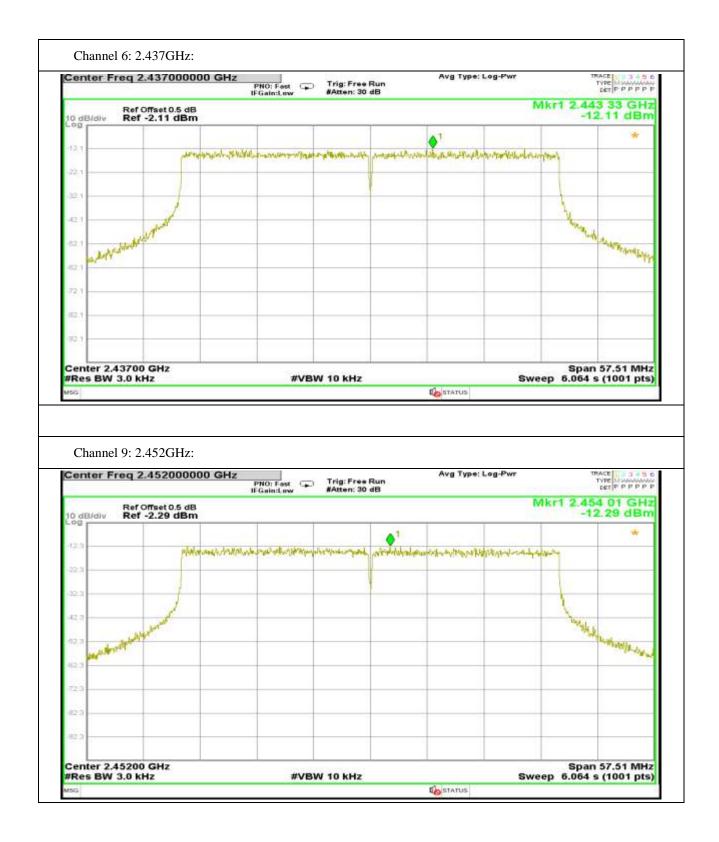














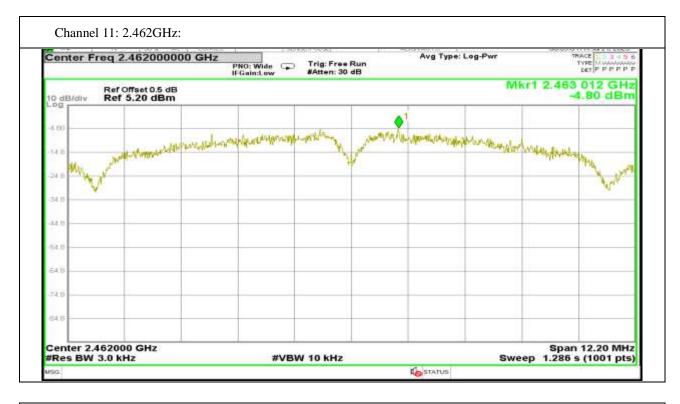


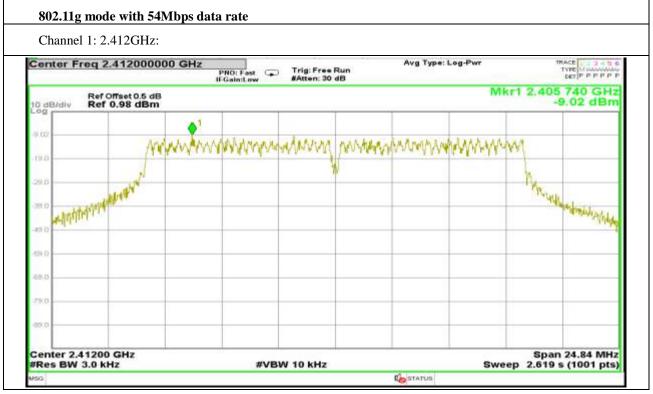
### Antenna 1





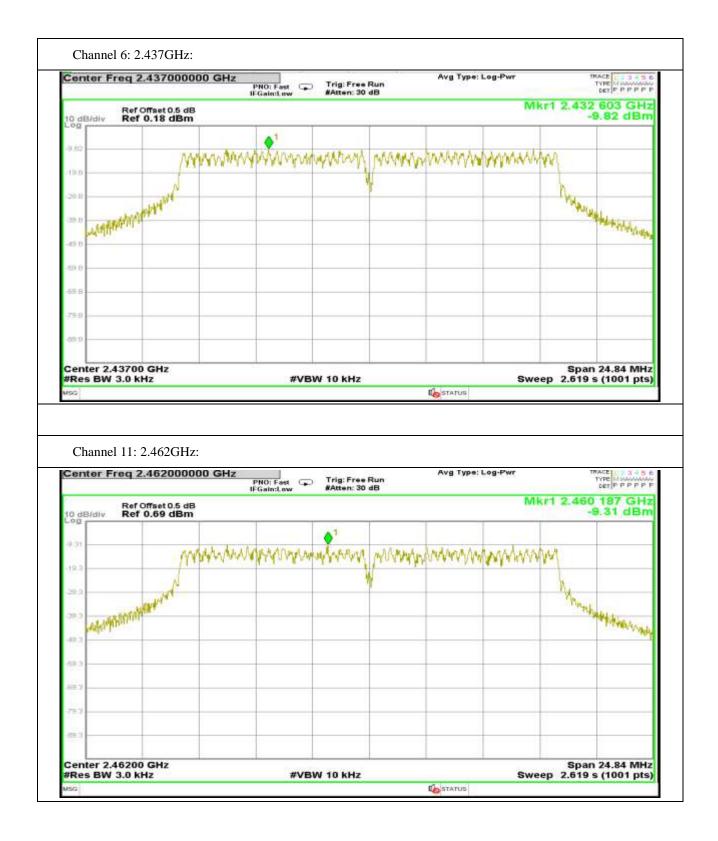






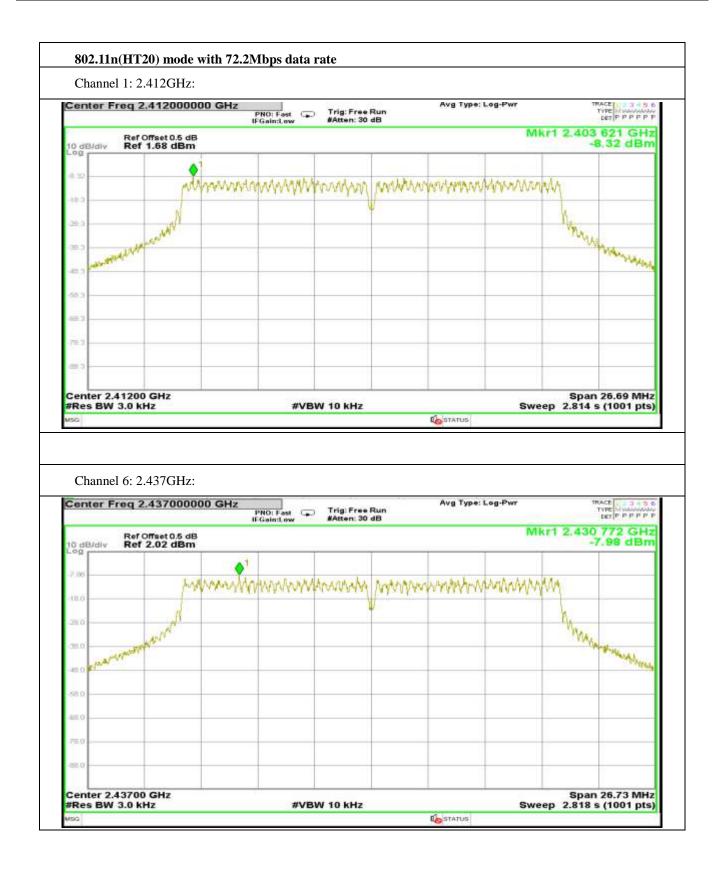








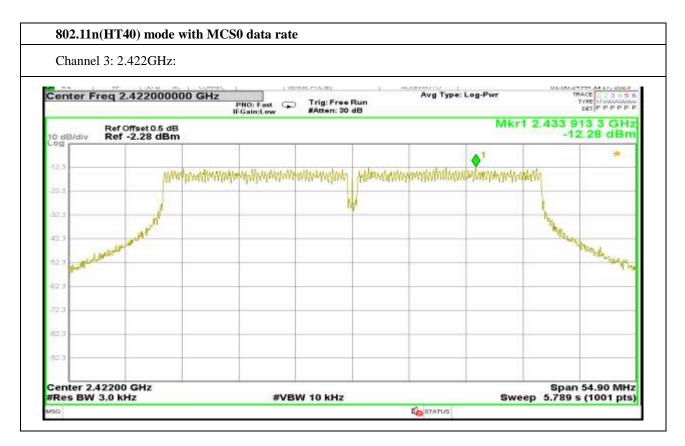






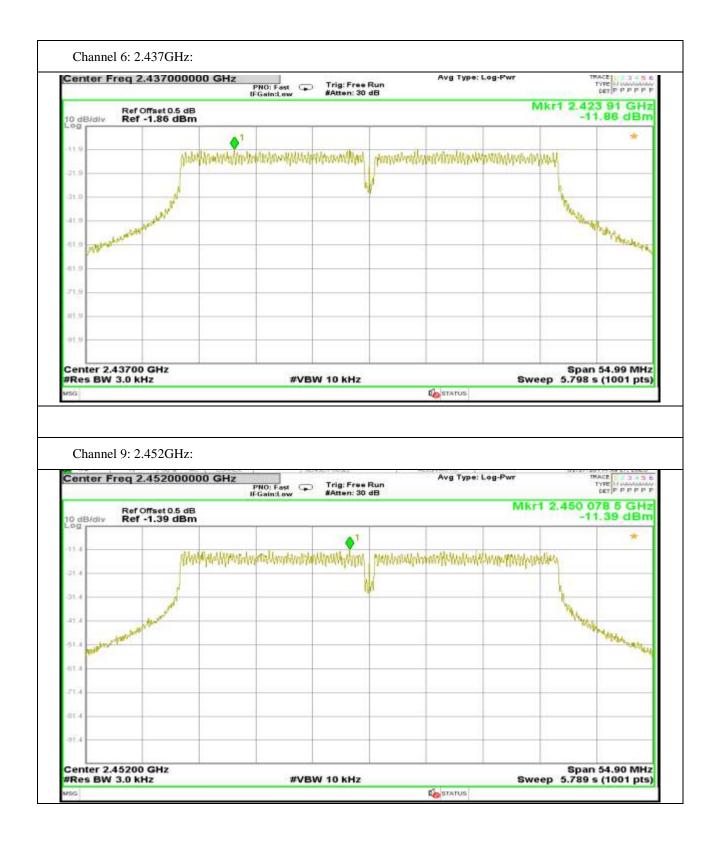






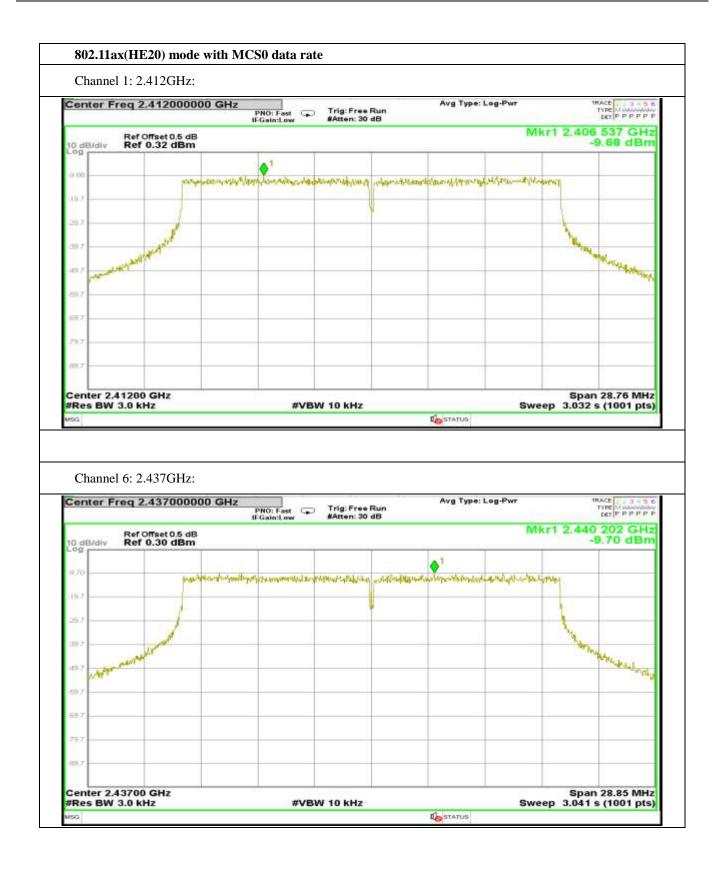














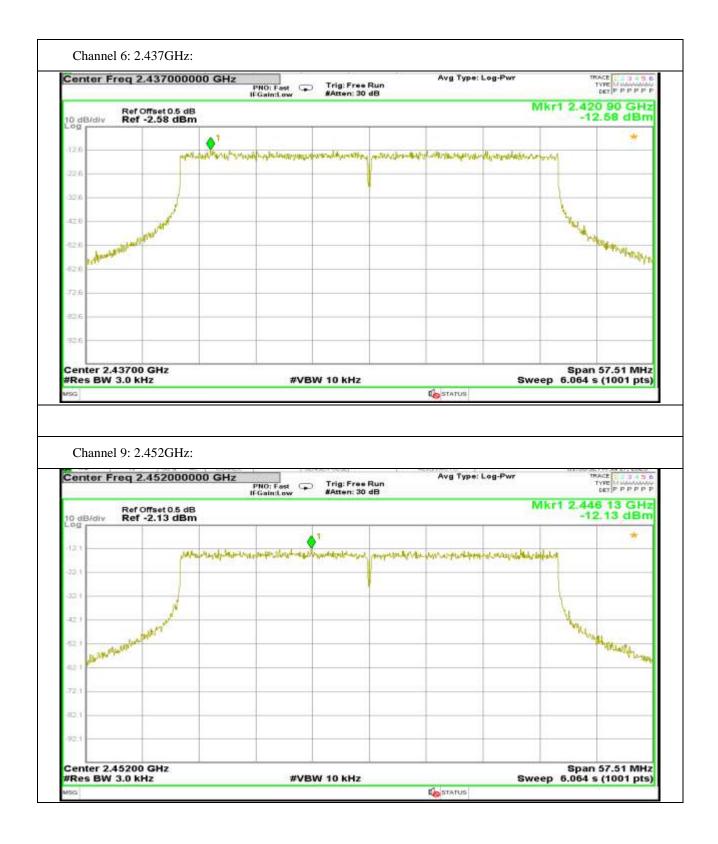








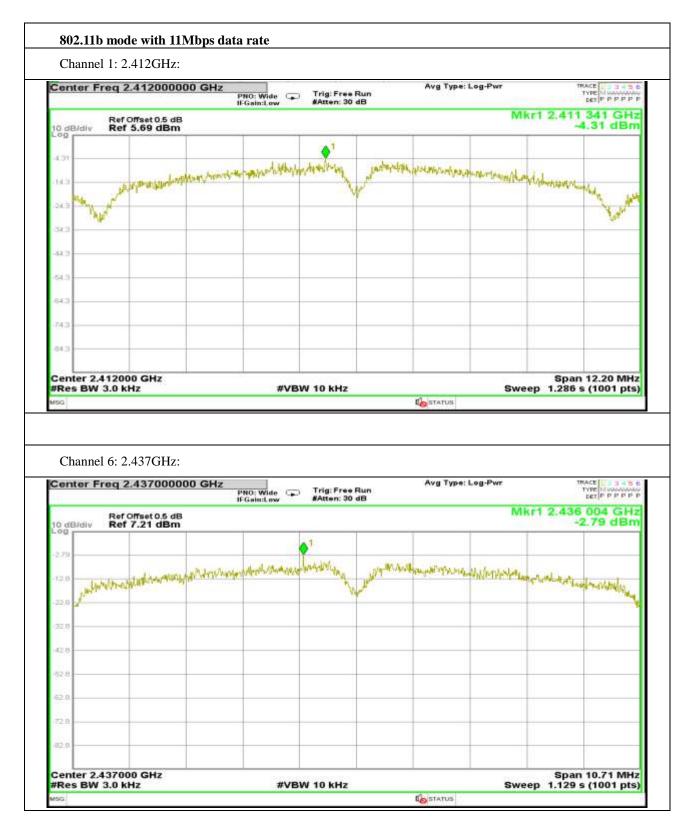








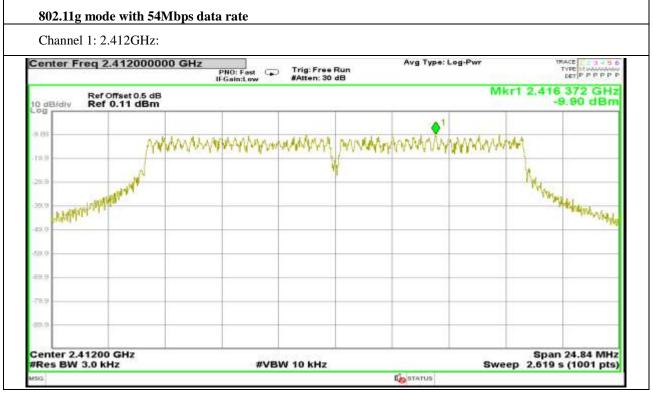
### Antenna 2





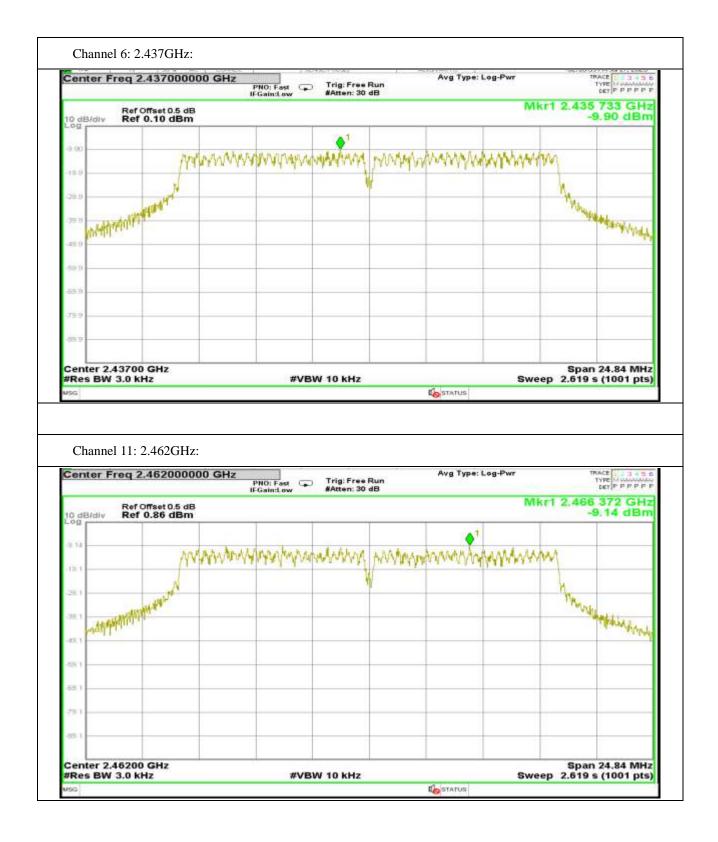






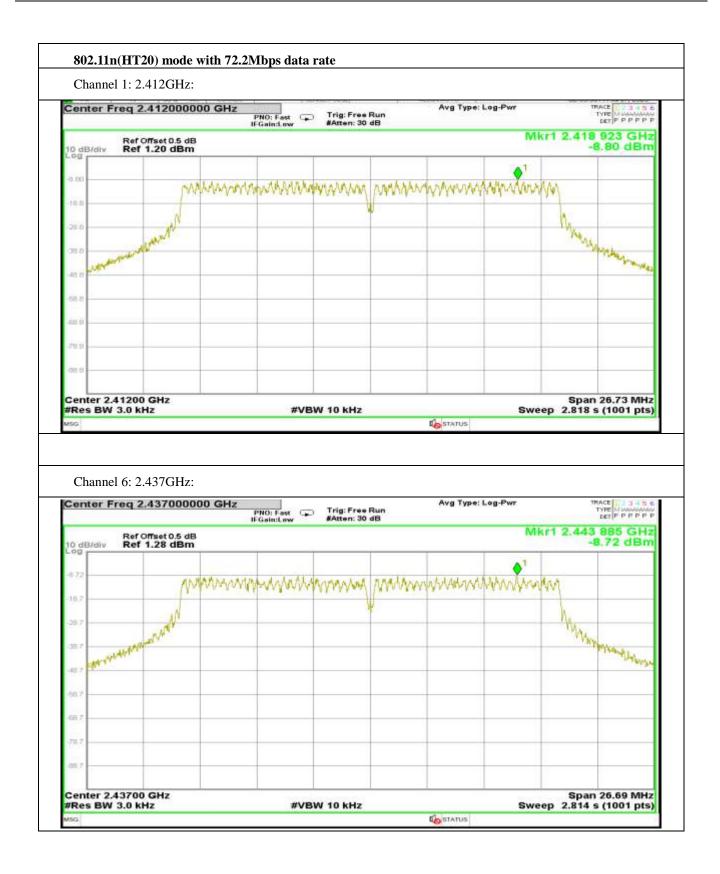






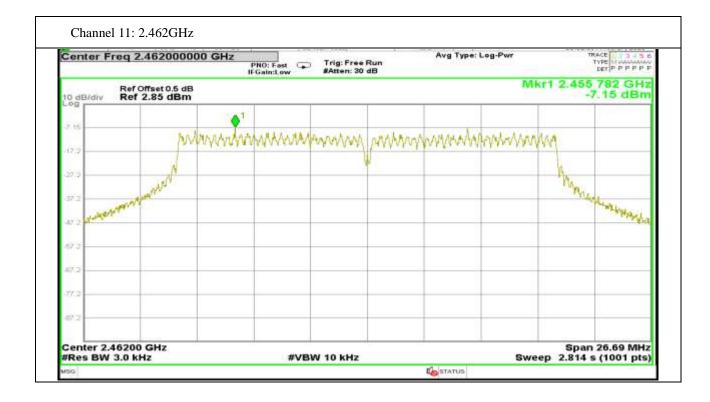








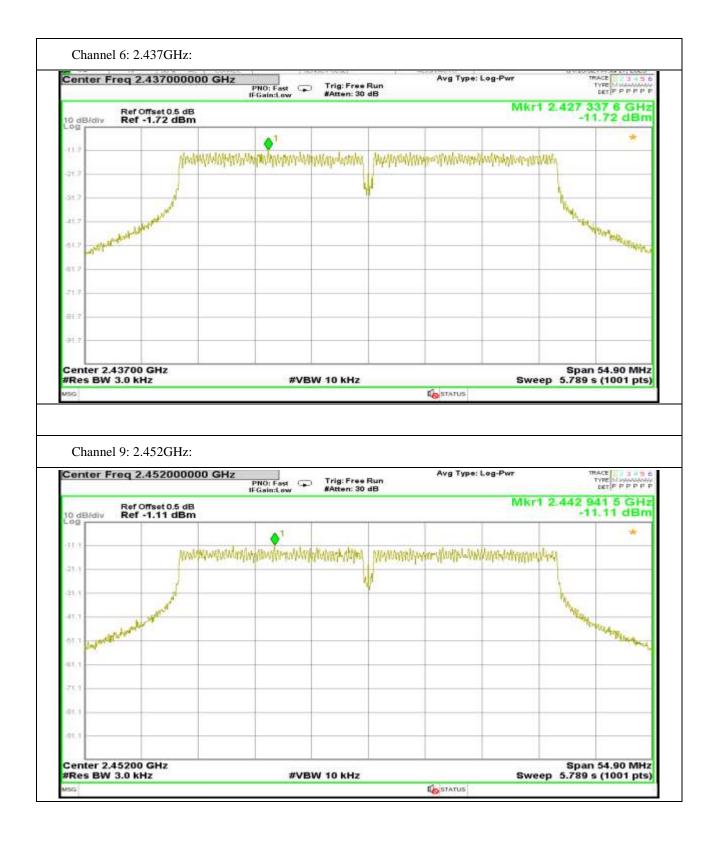




Center	Freq 2.4220	000000	p	NO: Fast Gain:Low	Trig: Free #Atten: 30	Run dB	Avg Type:	Log-Pwr	TR	ACE 3345 E
10 dB/div	Ref Offset ( Ref -1.86	0.5 dB dBm						Mkr1	2.406 0	24 1 GHz .86 dBm
		61								*
-11.0		thenthe	ANNAVALIN	(In Although the A	Withhrow Alm	mania	militikhakawa	water-appendu	M	
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-51.0	1.04	1				-			- the	
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#K9										
81.9										
01.0										

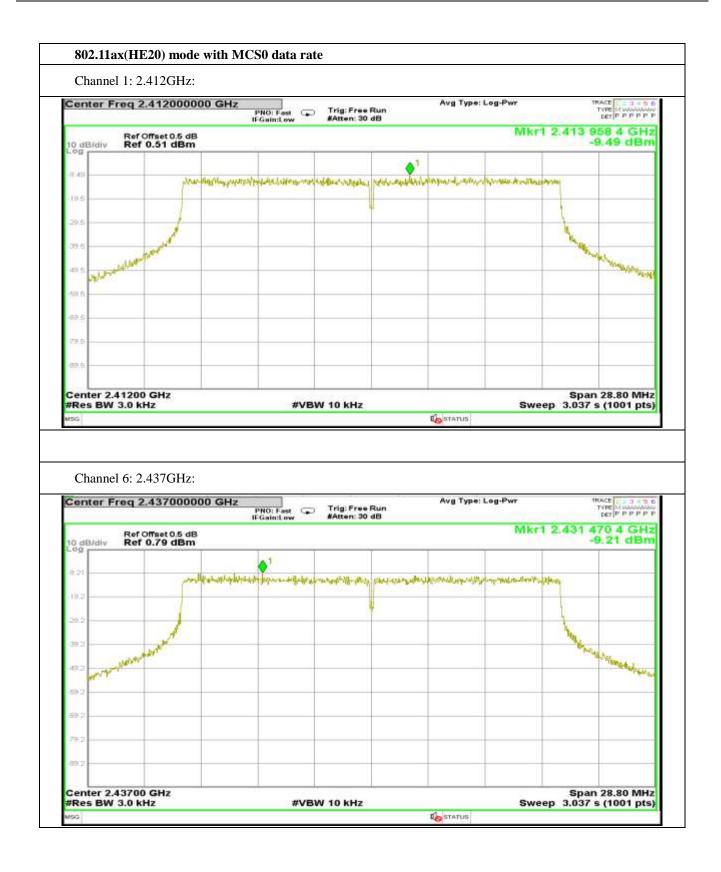














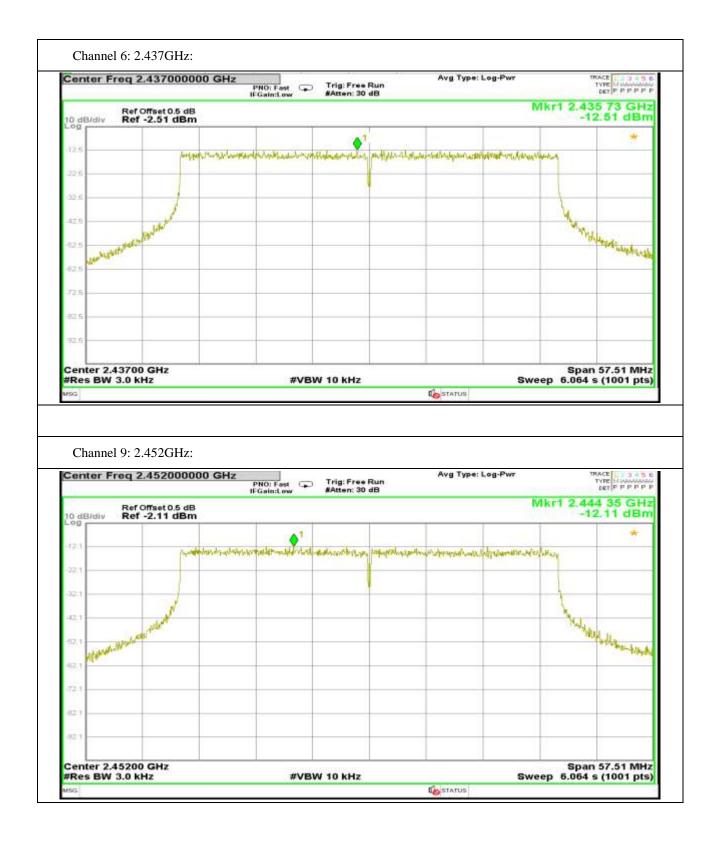








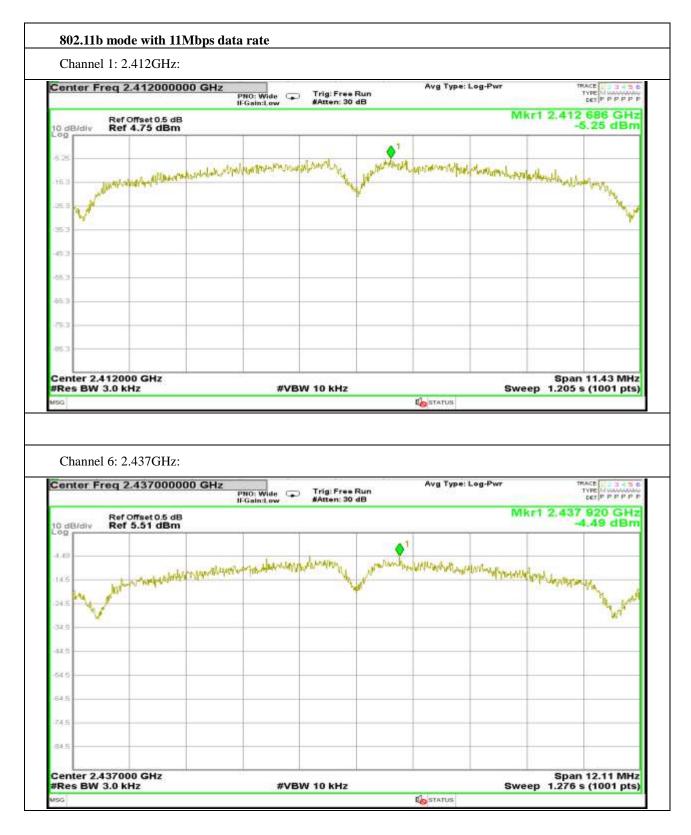






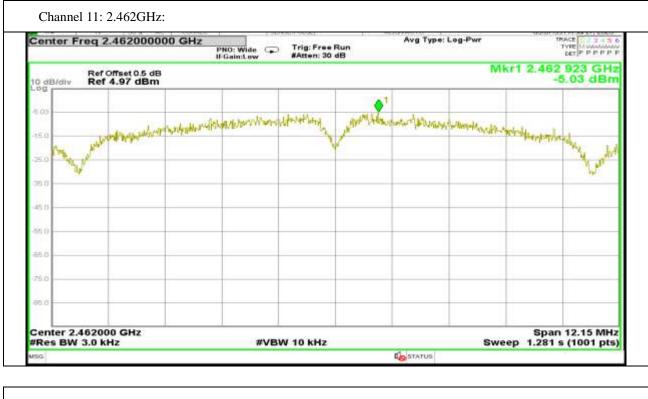


### Antenna 3





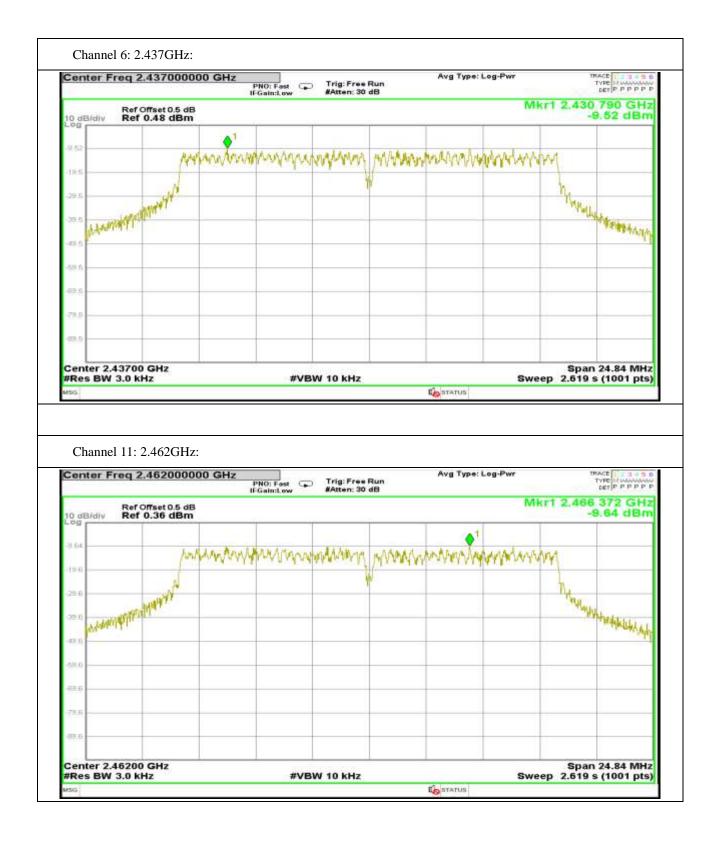






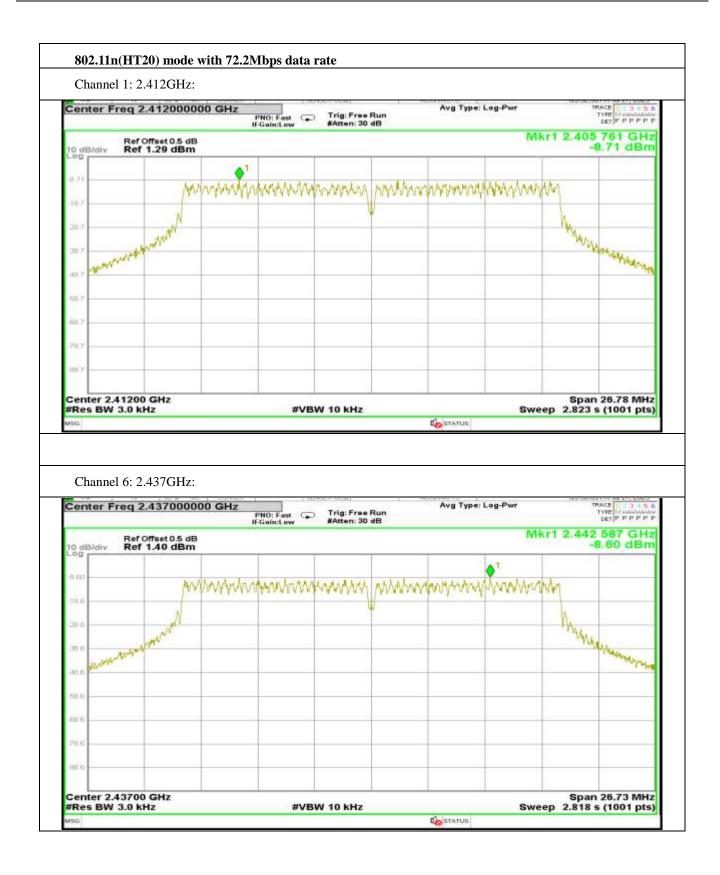






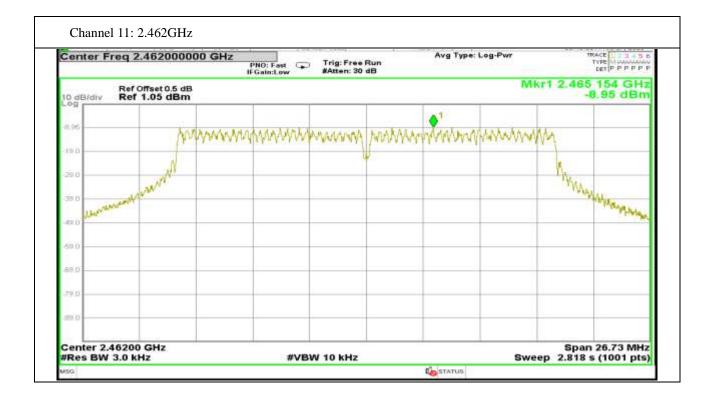


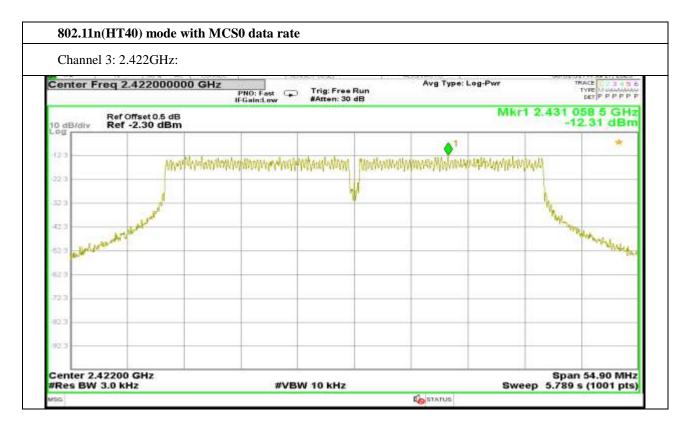






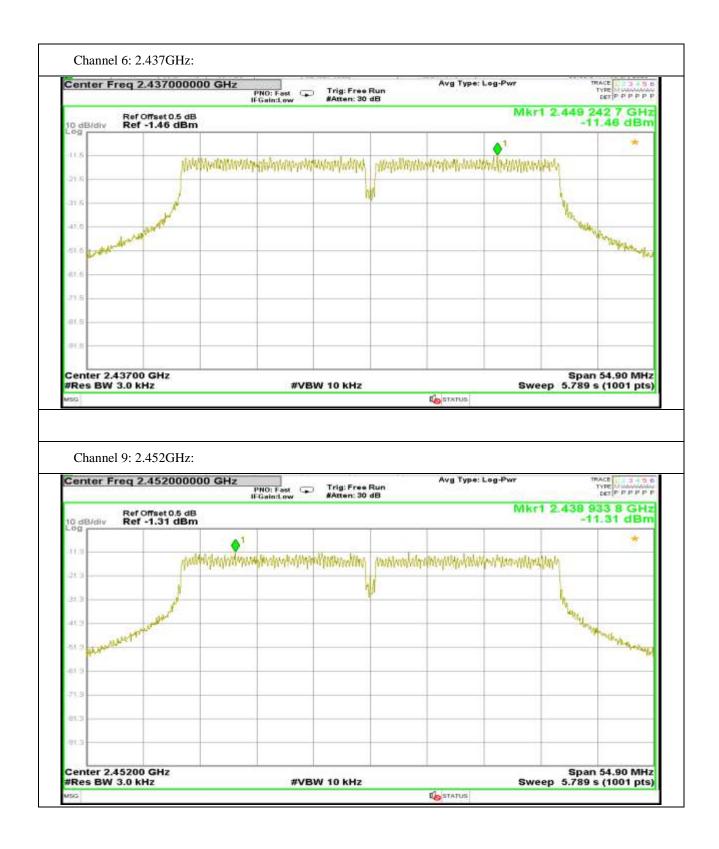






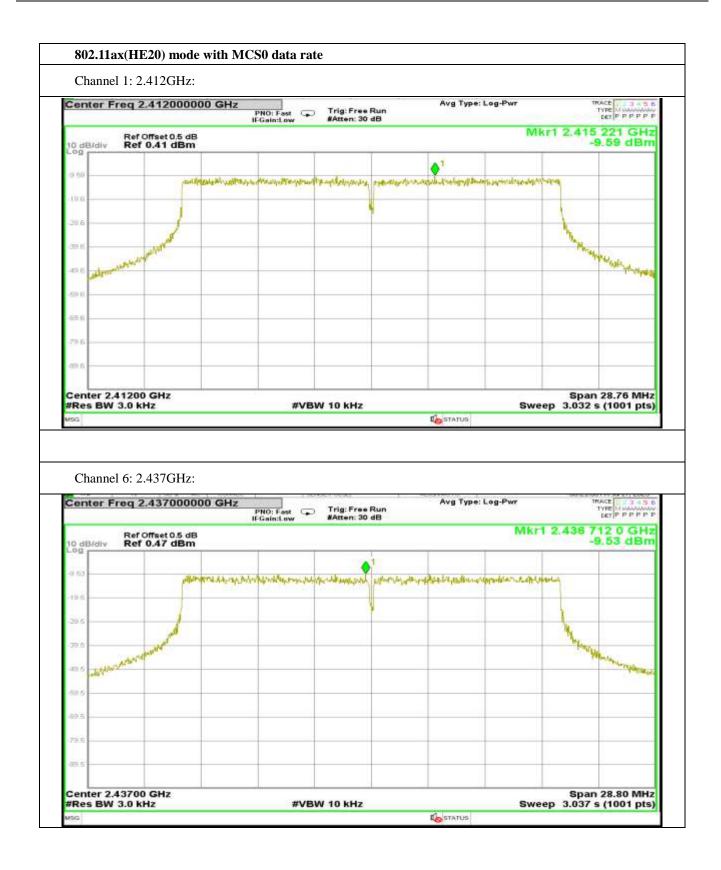








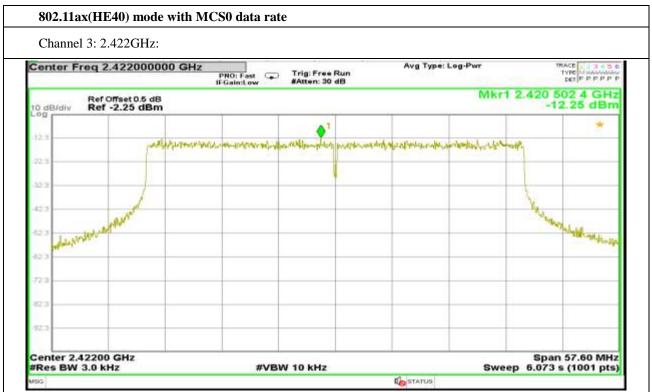






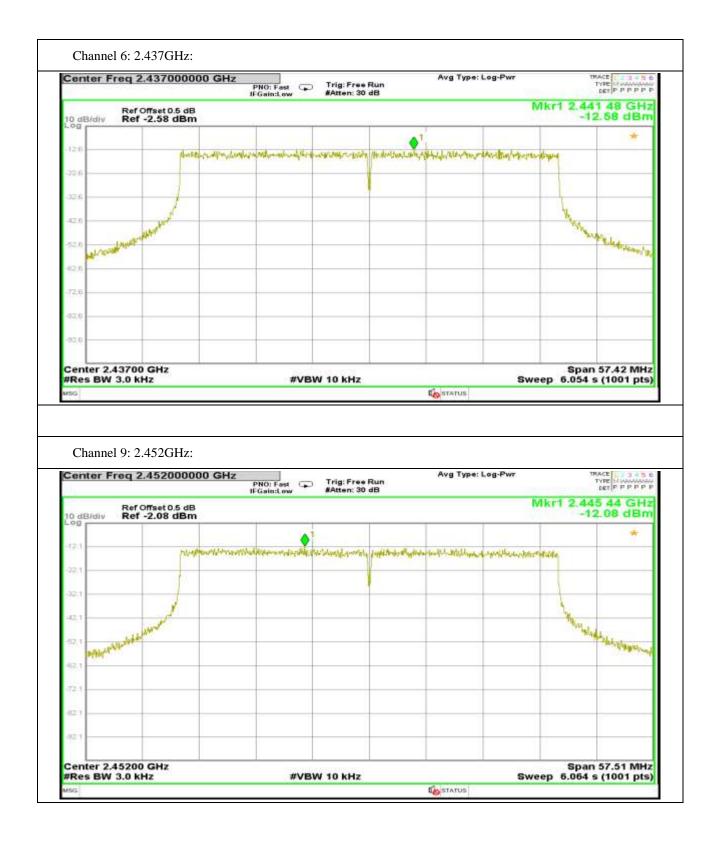










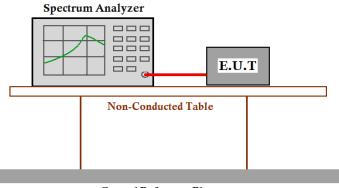






# 7.8 Band Edges Requirement

Test Requirement:	FCC Part 15 C section 15.247
	(d) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating. The radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power. Based on either an RF conducted or a radiated measurement. Provided the transmitter demonstrates compliance with the peak conducted power limits.
Frequency Band:	2400 MHz to 2483.5 MHz
Test Method:	558074 D01 15.247 Meas Guidance v0502 Clause 13.3.1
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below. Pre-test the EUT under 2 modes: power-supplied by using the AC adapter and power-supplied by using internal battery. After pre-testing, we found the worst case is the test mode of EUT power-supplied by using internal battery.
Test Configuration:	



Ground Reference Plane

Test Procedure:

- 1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum analyzer or power meter.
- 2. Set instrument center frequency to the frequency of the emission to be measured (must be within 2MHz of the authorized band edge).
- 3. Set span to 2MHz,
- 4. RBW=100kHz,
- 5. VBW≥3×RBW
- 6. Detector=peak





- 7. Sweep time =auto,
- 8. Trace mode=max hold.
- 9. Allow sweep to continue until the trace stabilizes(required measurement time may increase for low duty cycle applications)
- 10. Compute the power by integrating the spectrum over 1MHz using the analyzer's band power measurement function with band limits set equal to the emission frequency( $f_{emission}$ )±0.5MHz.If the instrument does not have a band power function,the sum the amplitude levels(in power units) at 100kHz intervals extending across the 1MHz spectrum defined by femission±0.5MHz.

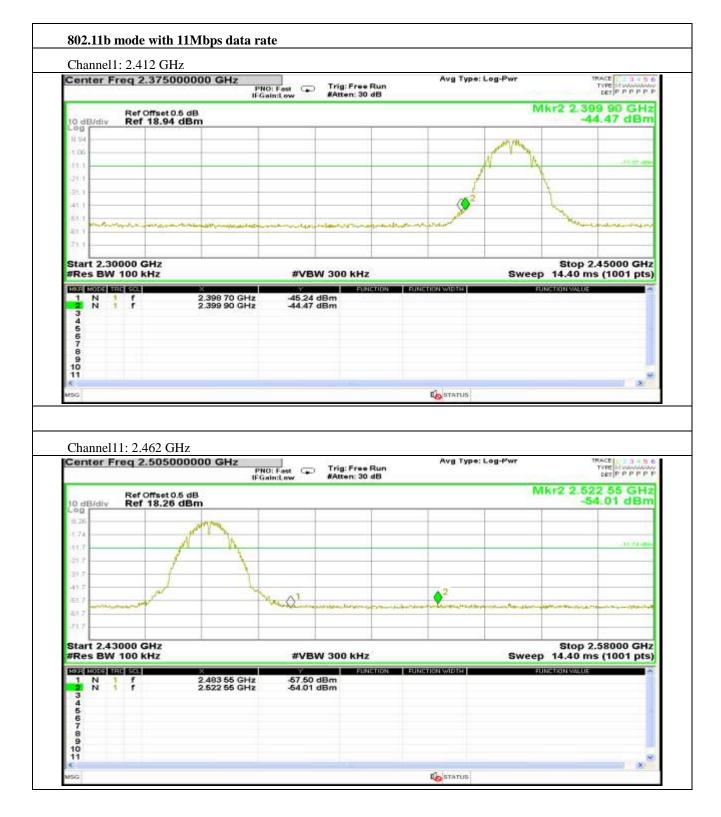
## Test result with plots as follows:

Compare with the output power of the lowest frequency, the Lower Edges attenuated more than 20dB Compare with the output power of the highest frequency, the Upper Edges attenuated more than 20dB.





## Antenna 0:



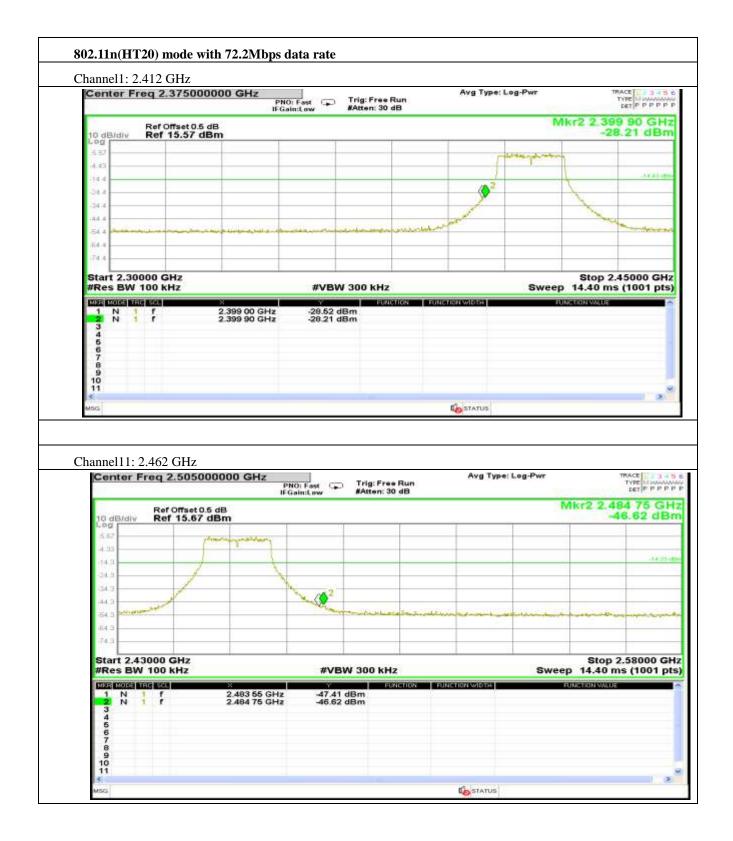






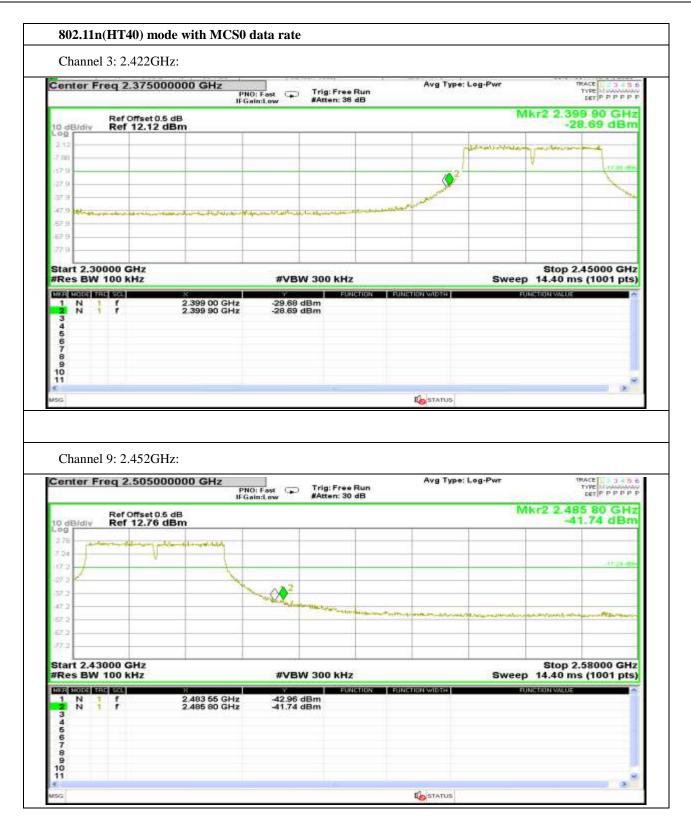






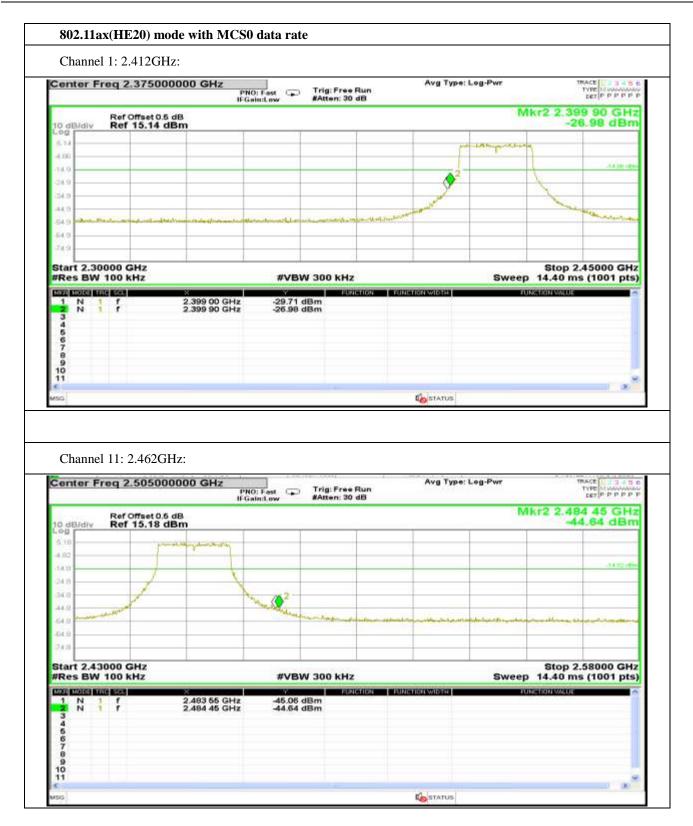






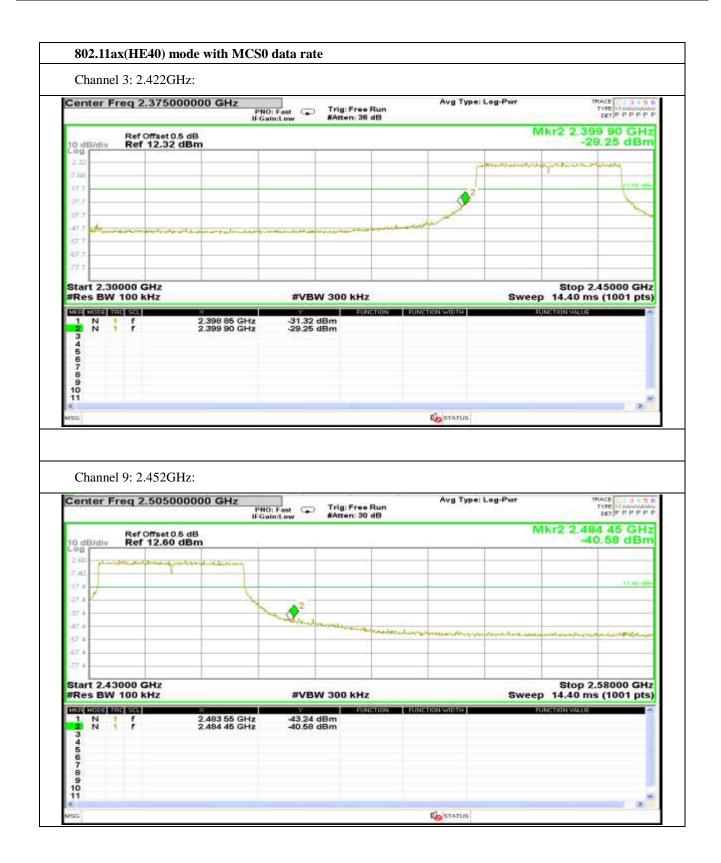








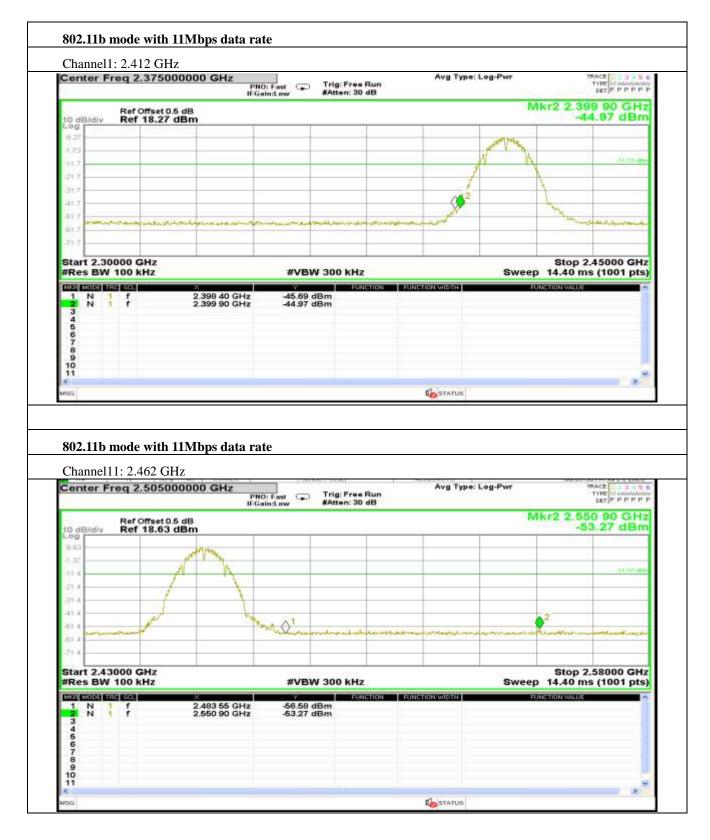






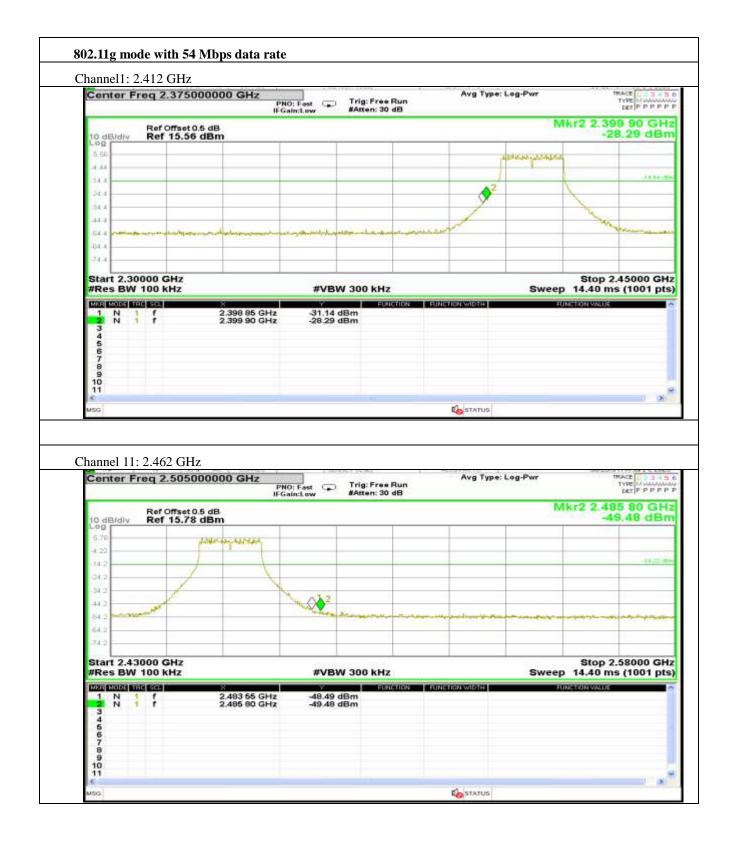


## Antenna 1:



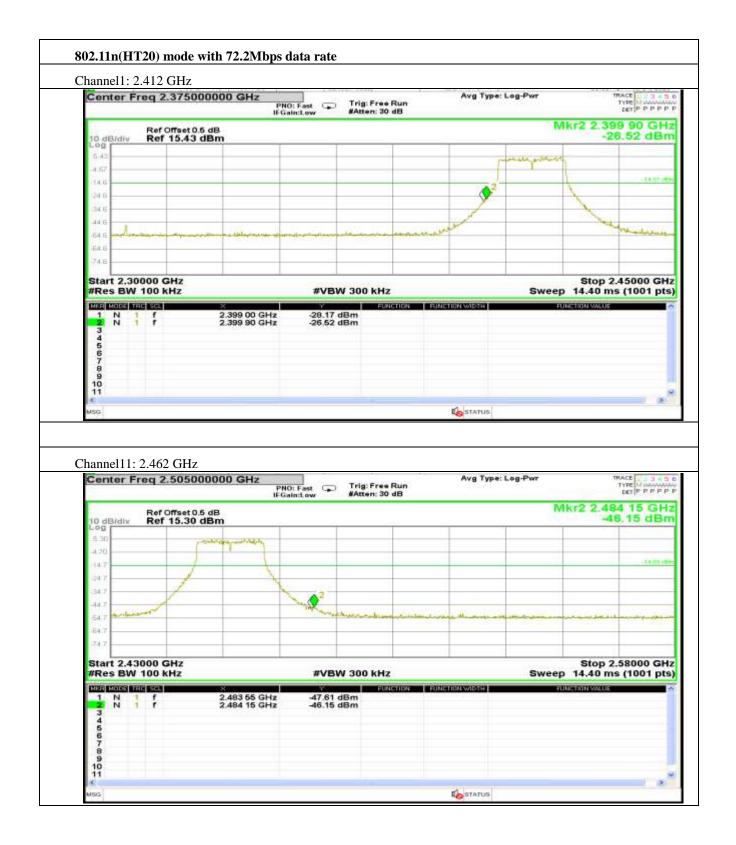












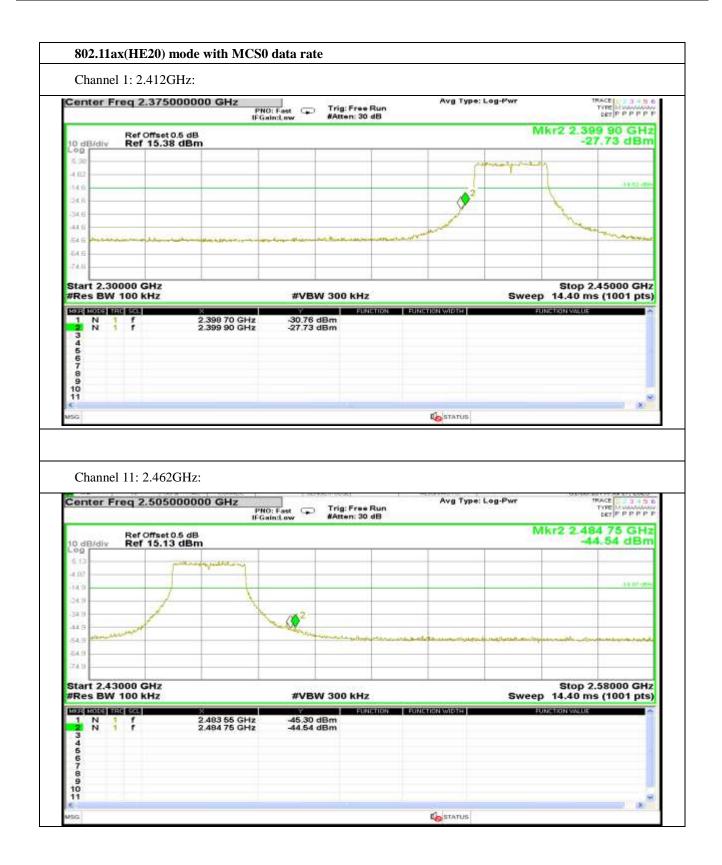














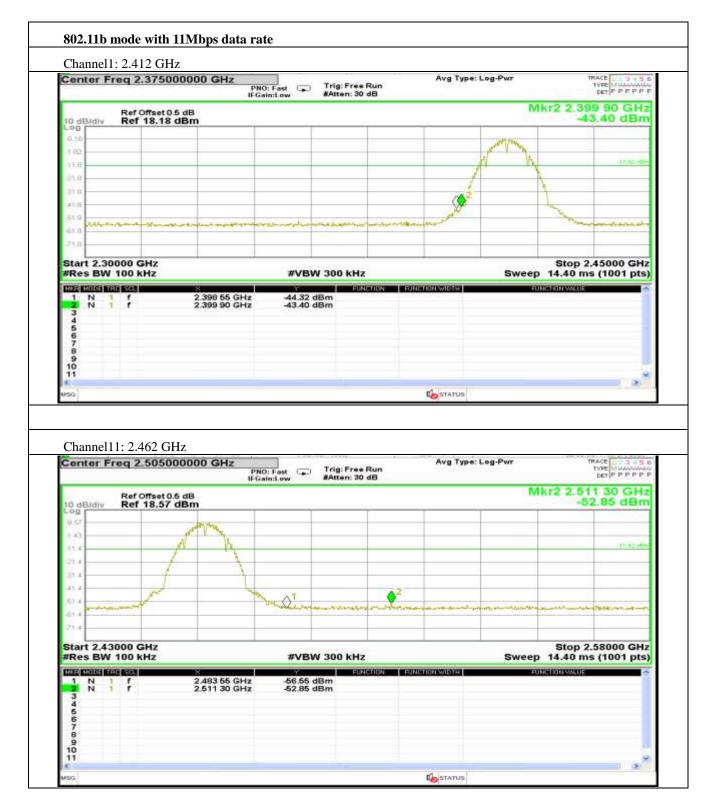








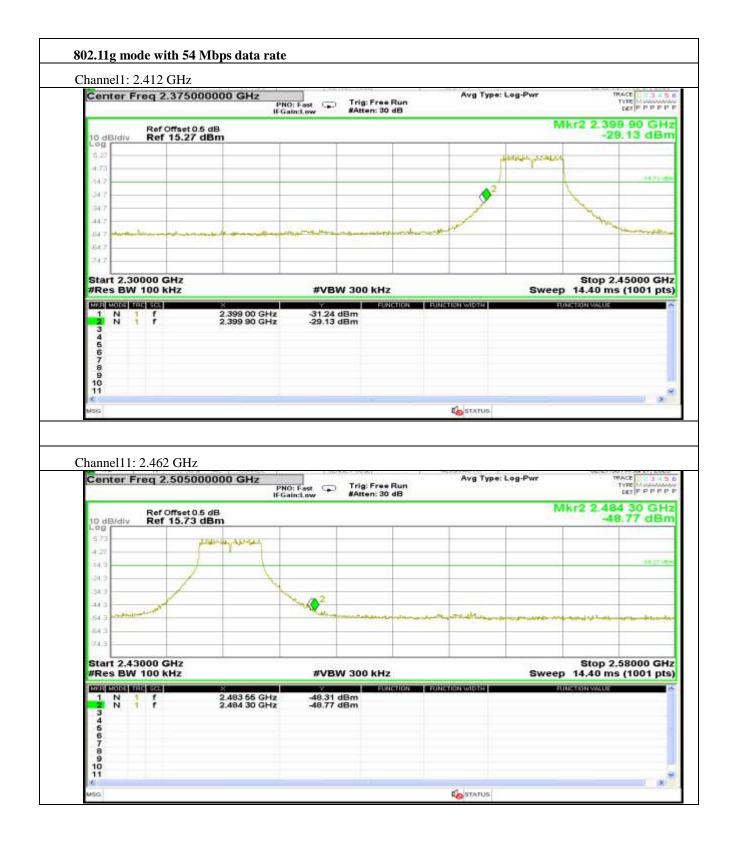
# Antenna 2:



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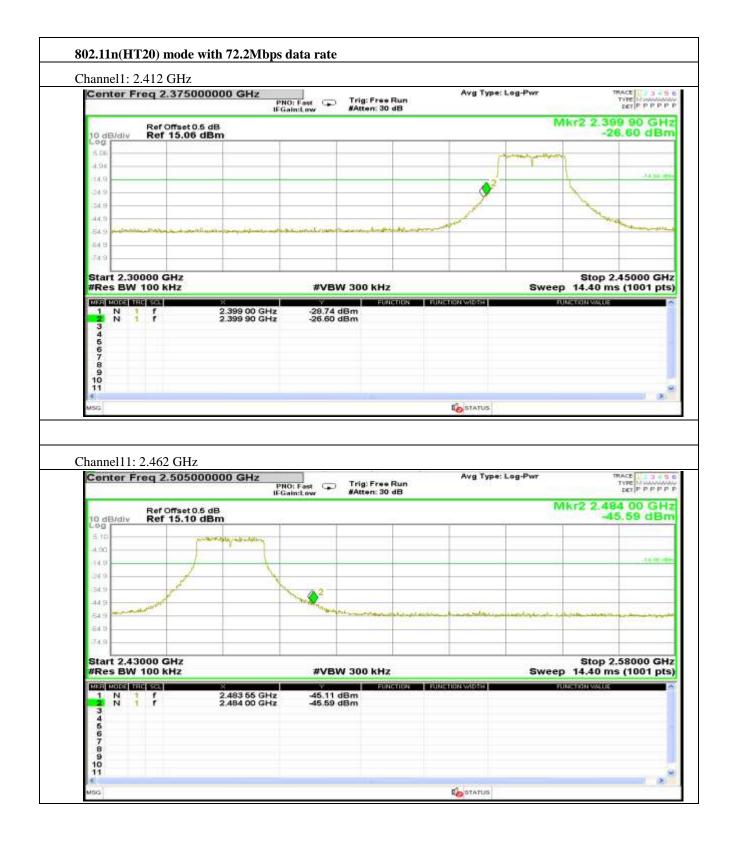






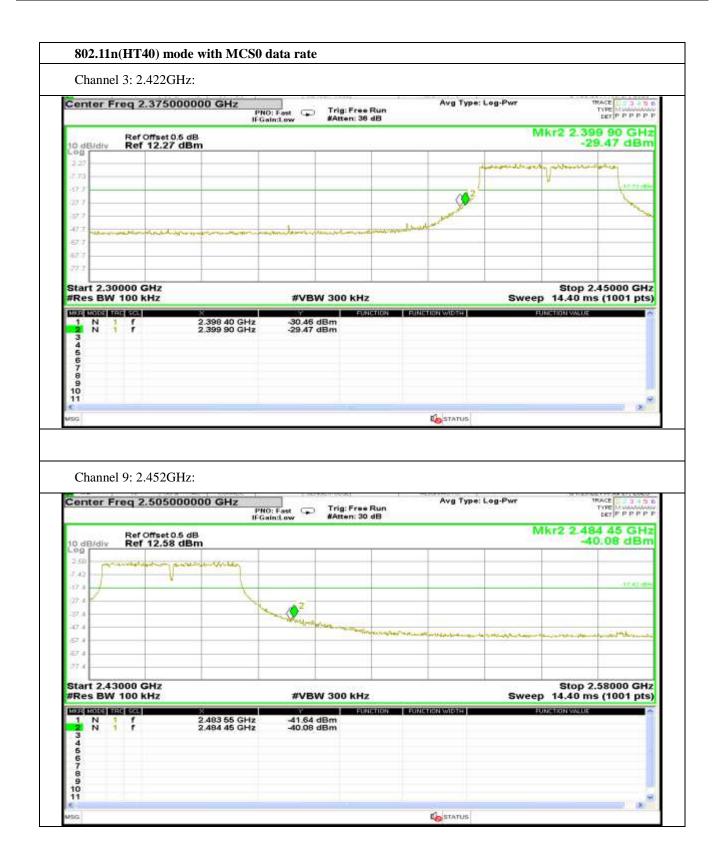






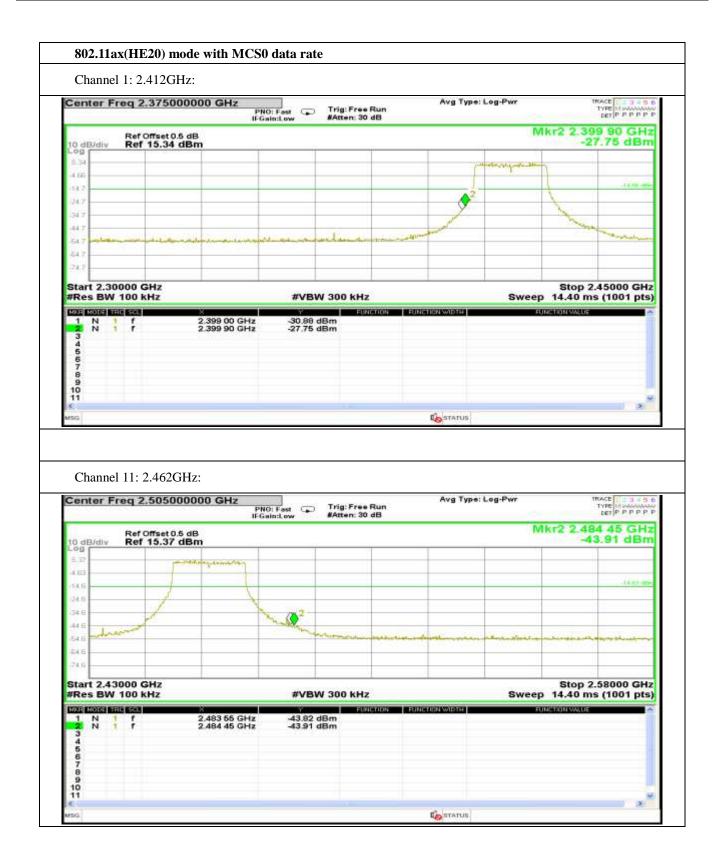








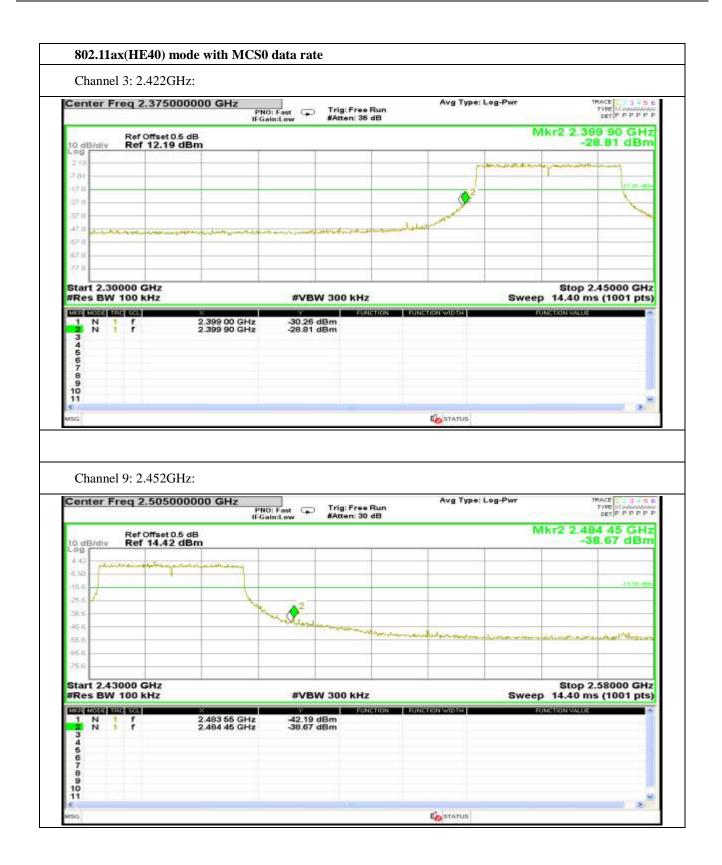




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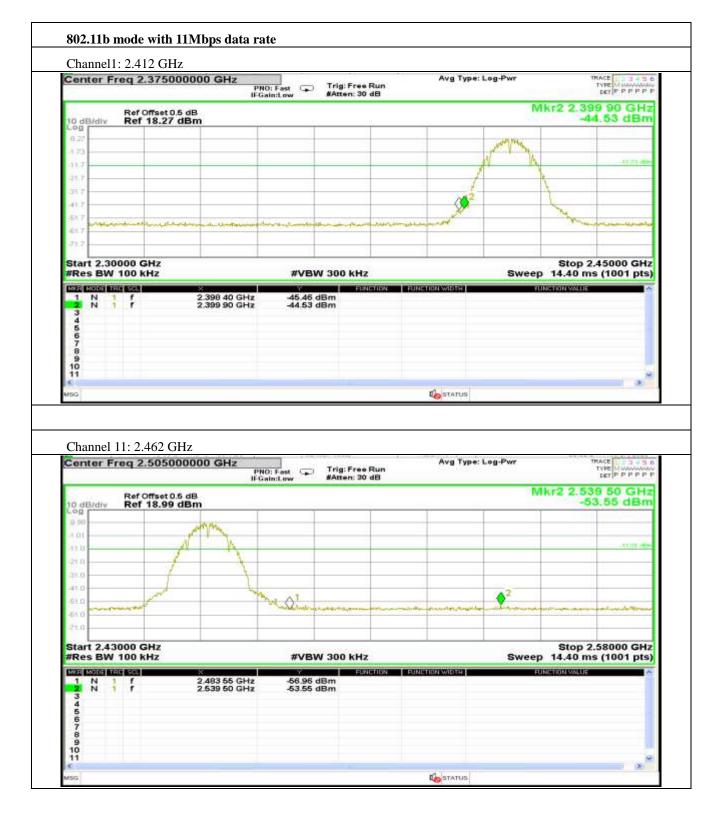








### Antenna 3:









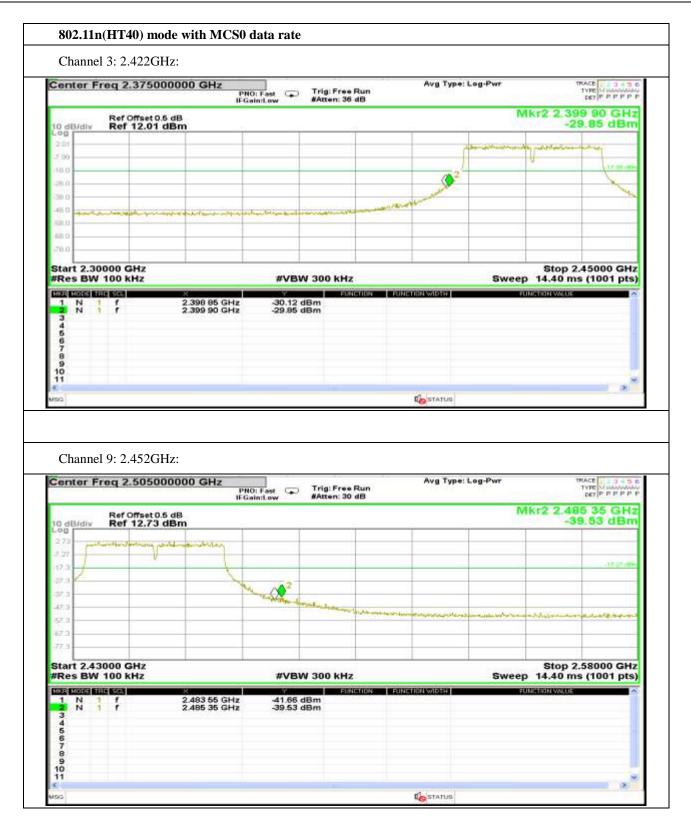






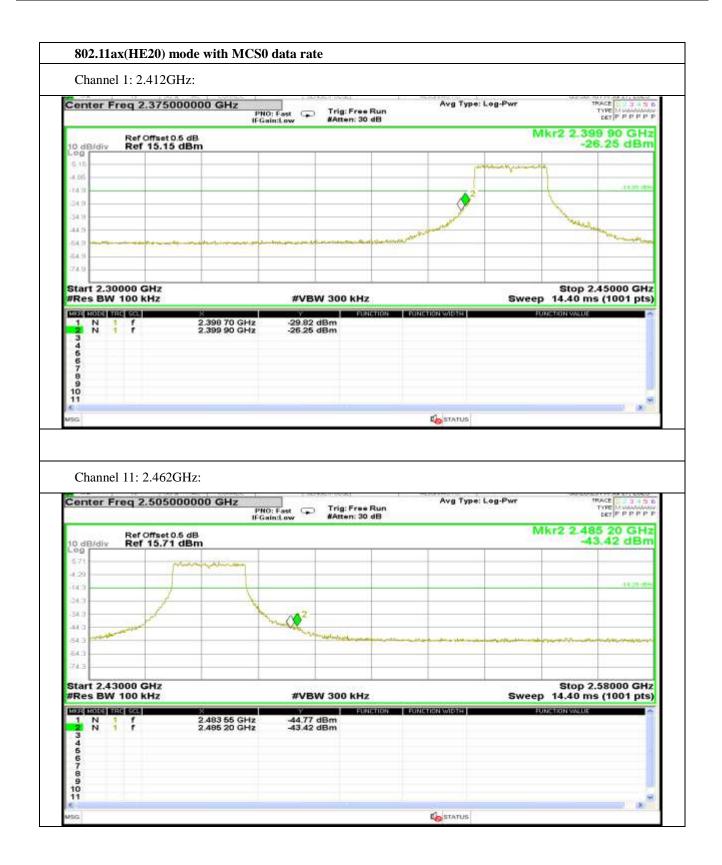












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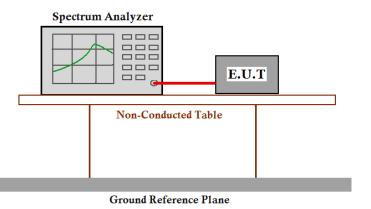




# 7.9 Conducted Spurious Emissions

Test Requirement:	FCC Part 15 C section 15.247
	(d) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating. the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power. Based on either an RF conducted or a radiated measurement. Provided the transmitter demonstrates compliance with the peak conducted power limits.
Test Method:	ANSI C63.10: Clause 6.7
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below. Pre-Test the EUT using external Standard DC power source for powering on the board.

Test Configuration:



Test Procedure:

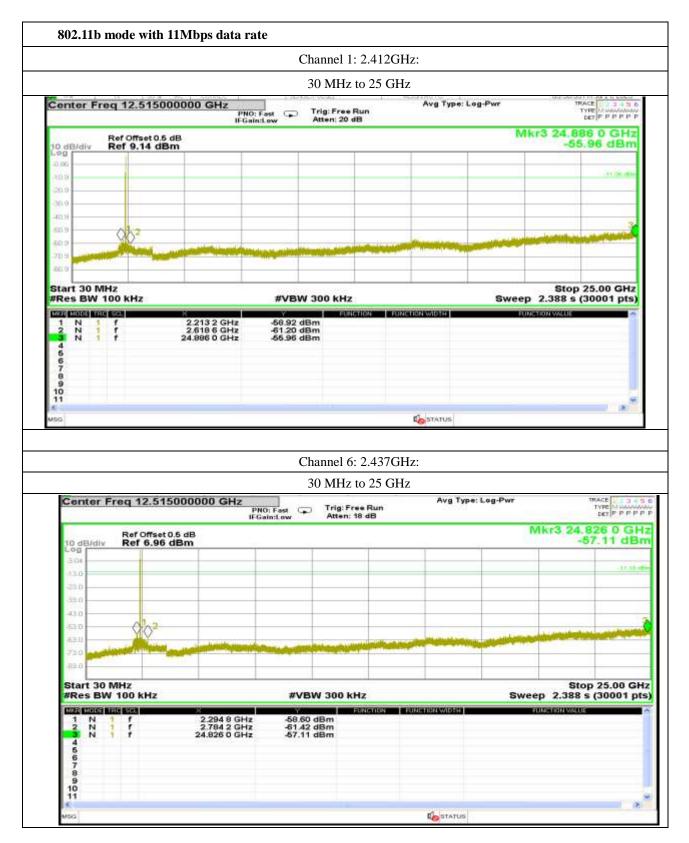
- 1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum analyzer or power meter.
- 2. Set the spectrum analyzer: RBW=100 KHz, VBW = 300KHz. Sweep = auto; Detector Function = Peak. Trace = Max Hold, Scan up through 10th harmonic.
- 3. Measure the Conducted Spurious Emissions of the test frequency with special test status.
- 4. Repeat until all the test status is investigated.
- 5. Report the worse case.





# **Result plot as follows:**

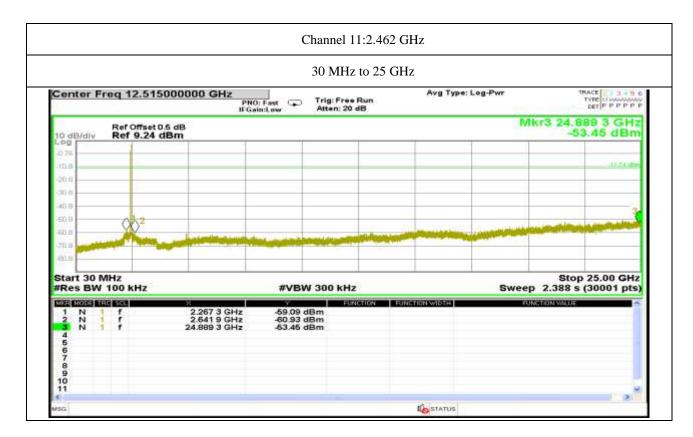
#### Antenna 0:



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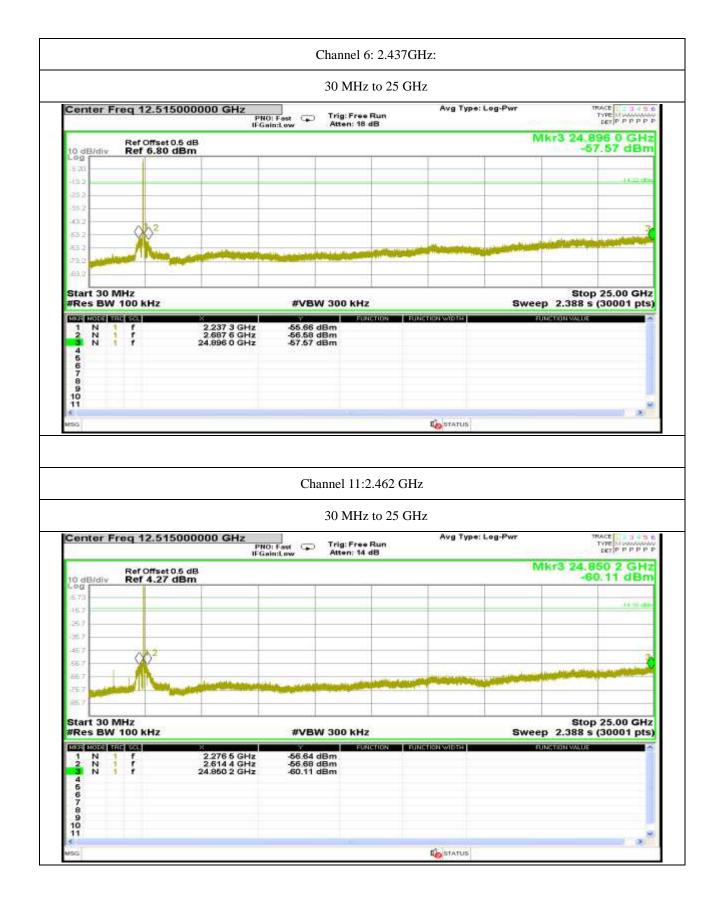


		Channe	el 1: 2.4120	Hz:		
		30 M	Hz to 25 G	Hz		
Center Freq 12.51	PNO	:Fast Trig:F	ree Run 16 dB	Avg Type: Log-Pu	vr	TYPE DET P P P P P F
Ref Offse	t0.5 dB ) dBm				Mkr3 24.7	76 1 GHz 9.73 dBm
-4.00						-14.43 (27)
-34.0						
-64.0				and the second second	a planet in the second s	
-74.0						
Start 30 MHz #Res BW 100 kHz		#VBW 300 k	Hz		Sweep 2.388 s	(30001 pts)
MRR MODE FEE CO. 1 N 1 f 2 N 1 f 3 N 1 f 4 5	2.269 8 GHz 2.687 6 GHz 24.776 1 GHz	-53.39 dBm -55.35 dBm -59.73 dBm	FUNCTION F	UNICTION WIDTH	FUNCTION VALUE	~
4 5 6 7 8 9 10						

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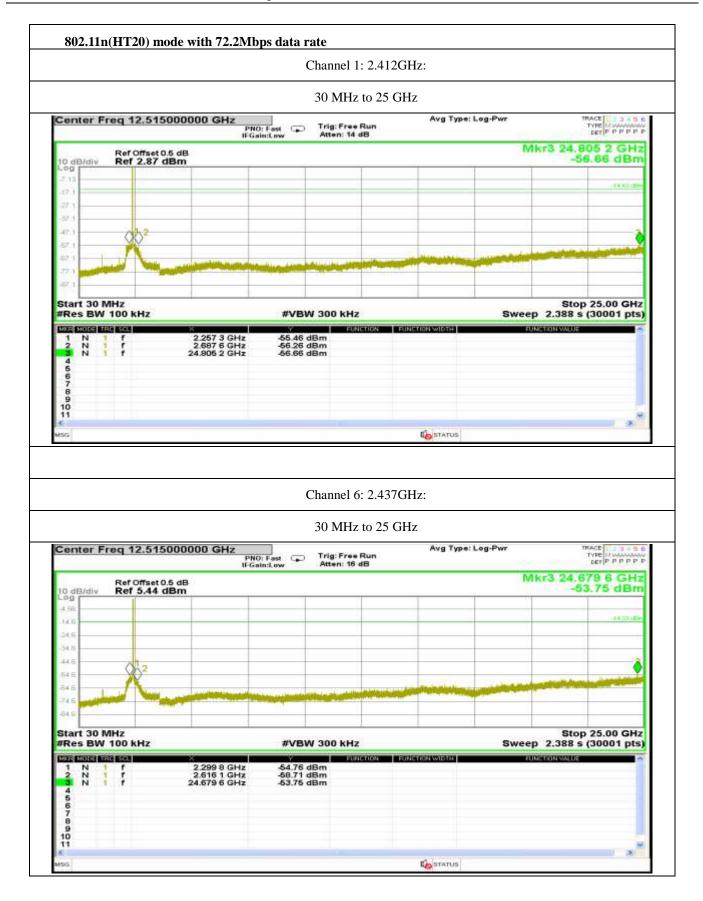




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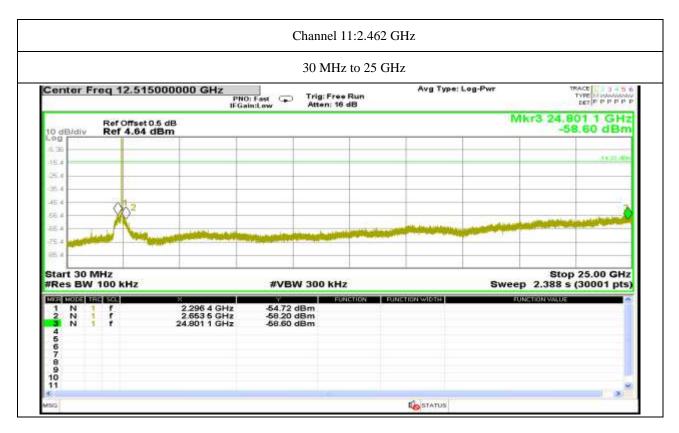


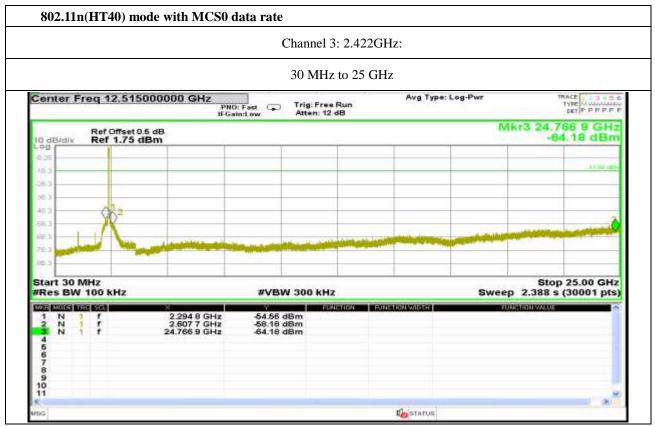


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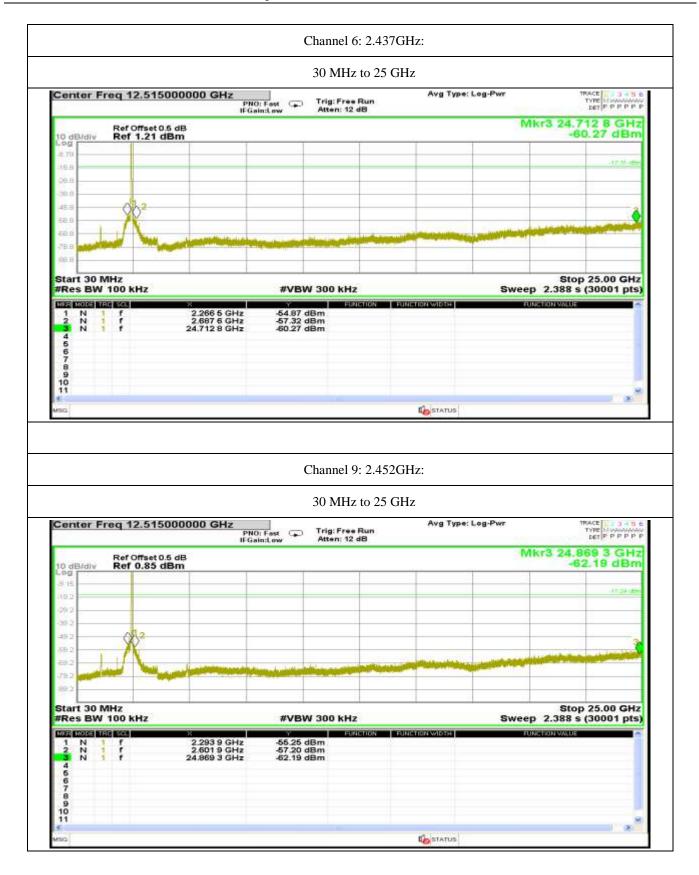




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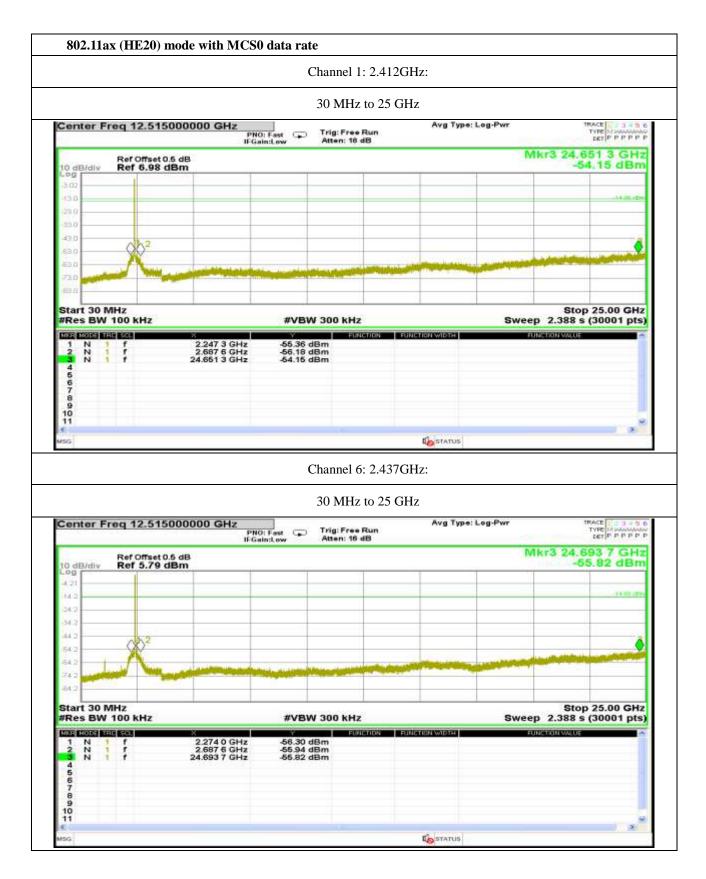




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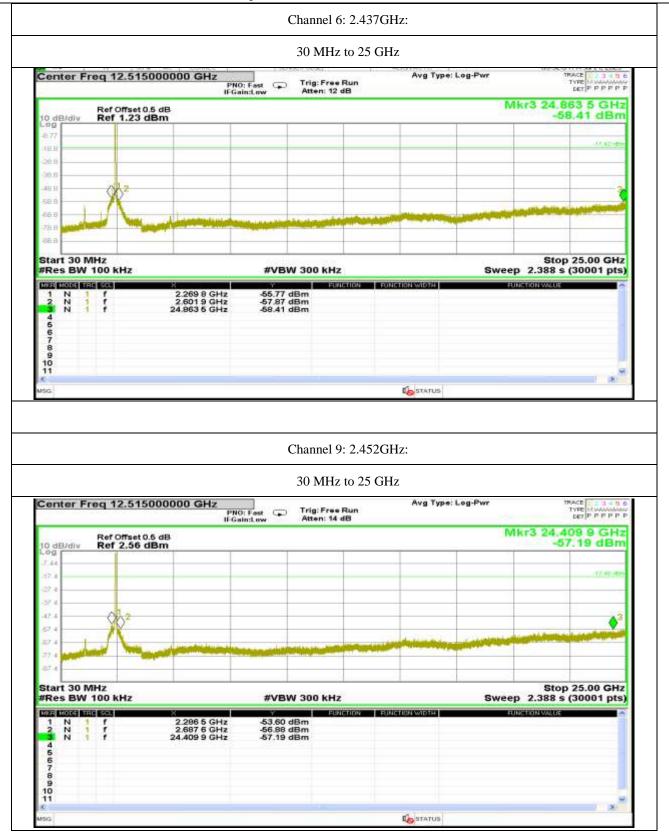


		Channel	3: 2.422GHz:		
		30 MH	Iz to 25 GHz		
Center Freq 12.51	PNO	Trig: Front		Log-Pwr	TYPE MUMULUM
Ref Offset				Mkr3 2	4.869 3 GHz -60.12 dBm
7.00					17.88.00
27.0					
47.0 01/2					3
20		and the second second		-	Non-section of the
-87.0	State of the local division of the local div	Non-selected biology of the			
Start 30 MHz					top 25.00 GHz
#Res BW 100 kHz	100 IV	#VBW 300 ki		Sweep 2.38	8 s (30001 pts)
M2F 2016 TR 30 1 N 1 F 2 N 1 F 3 N 1 F 4	2.269 8 GHz 2.687 6 GHz 24.869 3 GHz	-54.10 dBm -57.23 dBm -60.12 dBm	UNCTION FUNCTION WIDTH	PORE TION W	5.0E
5 6 7 8 9 10 11					

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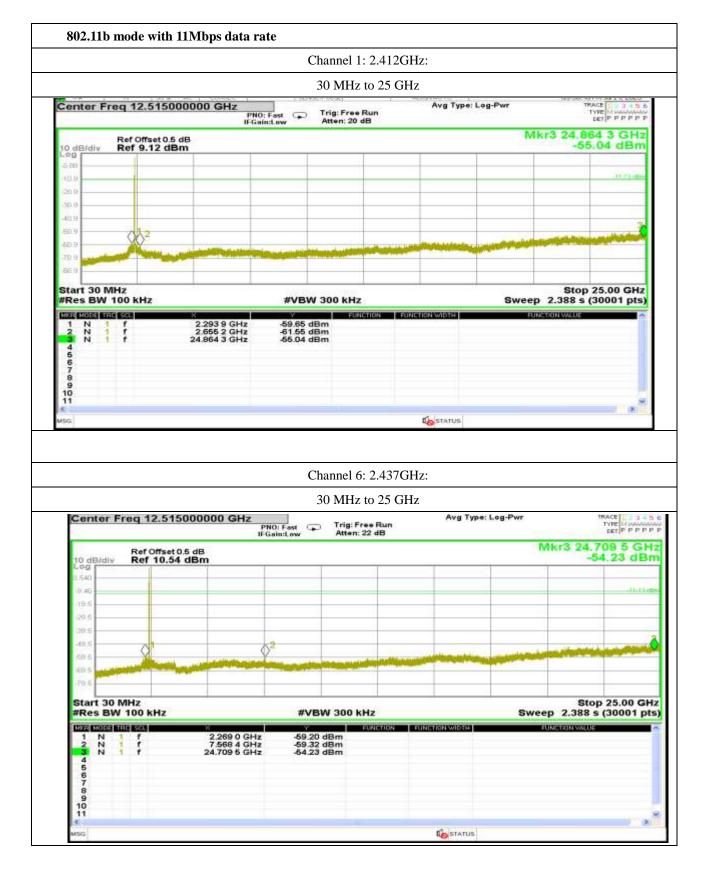








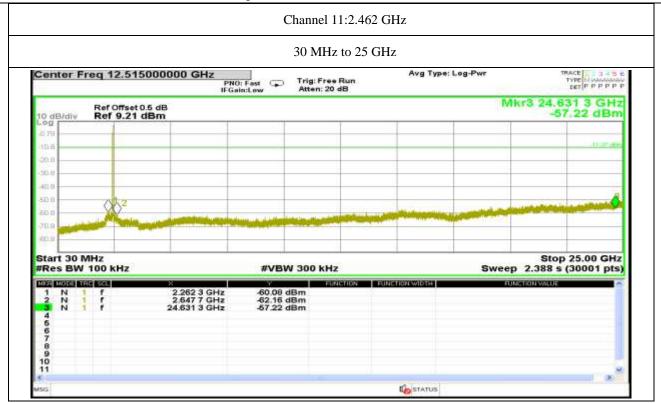
#### Antenna 1:



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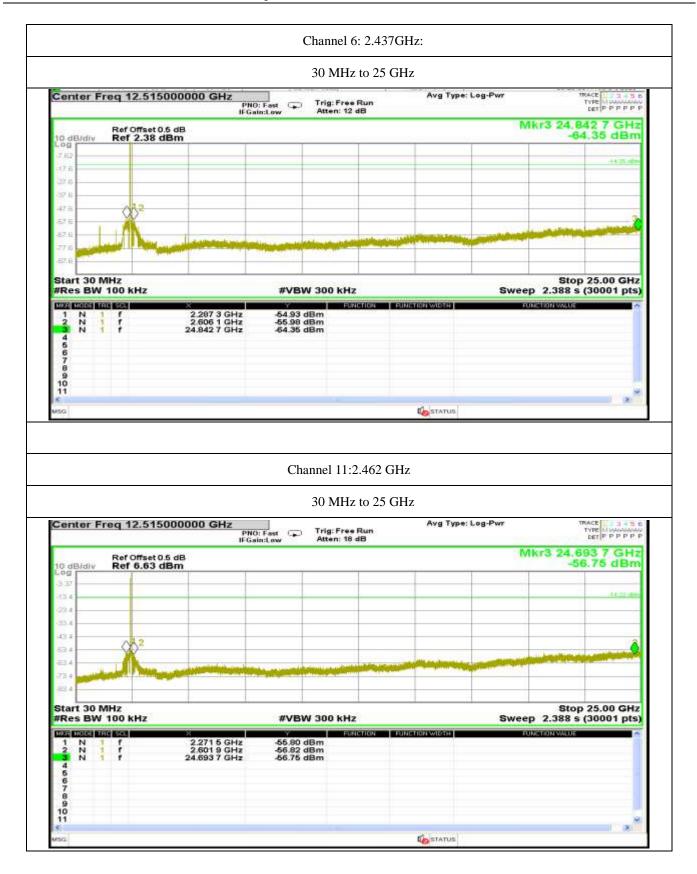


		Channel	1: 2.412GHz:	
		30 MH	z to 25 GHz	
Center Freq 12.51	PNO	Fast Trig: Fre		og-Pwr TRACE
Ref Offset	0.5 dB dBm	1		Mkr3 24.786 9 GHz -58.84 dBm
631 -163				11.01.00
-25.3				
453				Contraction of the local data
75.3 <b></b>		No. of Concession, Name		
Start 30 MHz #Res BW 100 kHz		#VBW 300 KH	17	Stop 25.00 GHz Sweep 2.388 s (30001 pts)
1222 120123 1228 1230 10	2.290 6 GHz	and the second se	EXERCISE EXCLUSION WIDER	HOMEORY 2.500 S (SOUCH pro)
1 N 1 F 2 N 1 F 3 N 1 F 4 5 5 6 7 8 9 10	2.290 & GHz 2.610 2 GHz 24.796 9 GHz	-56.52 dBm -58.92 dBm -68.94 dBm		

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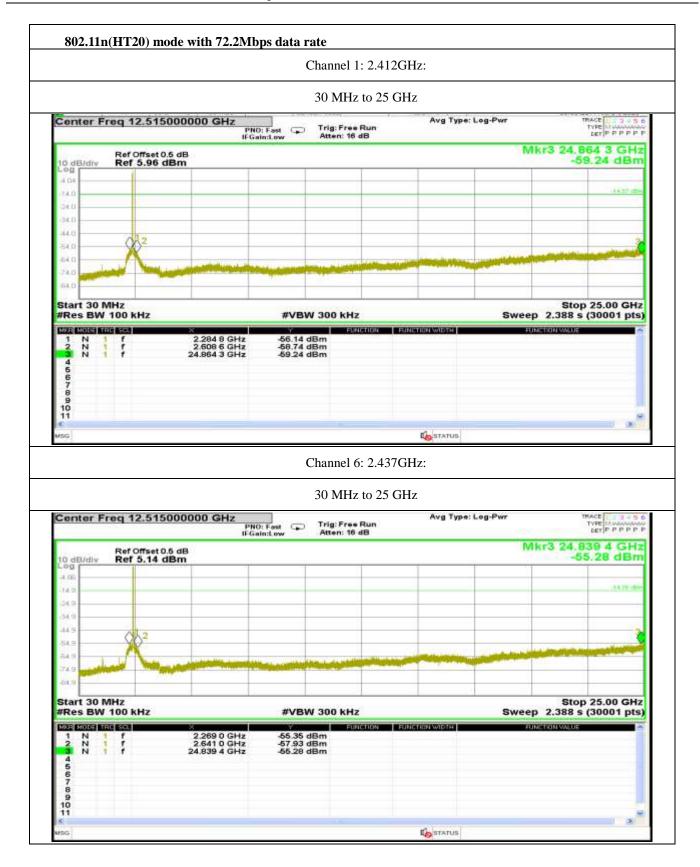




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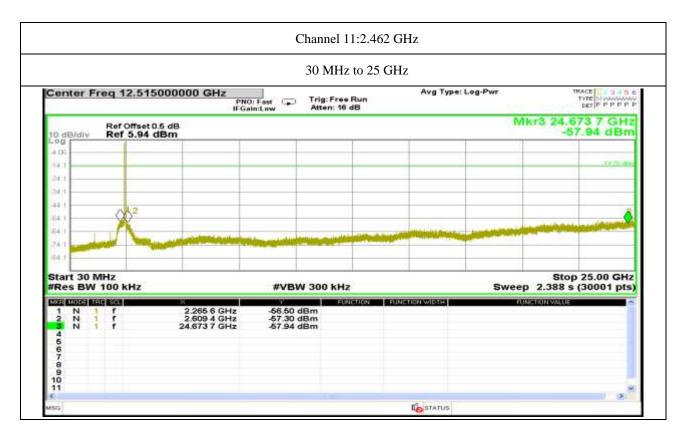










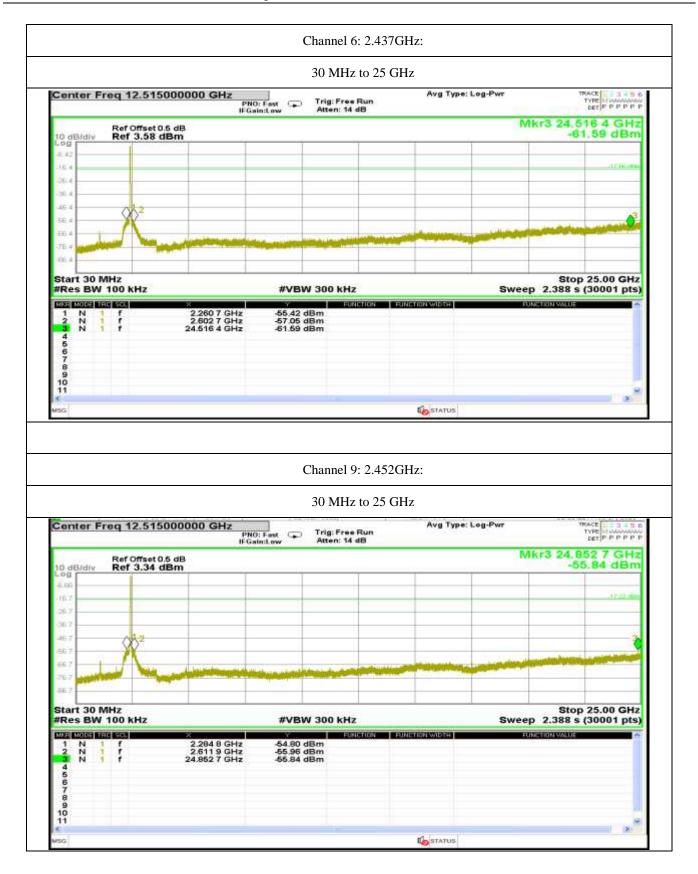


		Channel	3: 2.422GHz:		
		30 MH	z to 25 GHz		
Center Freq 12.5150	PNO	: Fast 😱 Trig: Fre a:Low Atten: 12	e Run	'ype: Log-Pwr	TYPE DET P P P P P
Ref Offset 0.0	i dB Bm		-	Mkr3	24.863 5 GHz -58.42 dBm
-10.0 -29.0					-17.01.00
-39.0 -49.0					1
290	and the second data	New York Contraction	No. of Concession, Name	Name of Contract o	and the second second second
Start 30 MHz #Res BW 100 kHz		#VBW 300 kH	Iz	Sweep 2.	Stop 25.00 GHz 388 s (30001 pts)
1 N 1 F 2 N 1 F 3 N 1 F 4 S 6	2 299 8 GHz 2.634 4 GHz 24.863 6 GHz	-54.98 dBm -58.73 dBm -58.42 dBm	FUNCTION FUNCTION WIDTH	1	
4 6 7 8 9 10					

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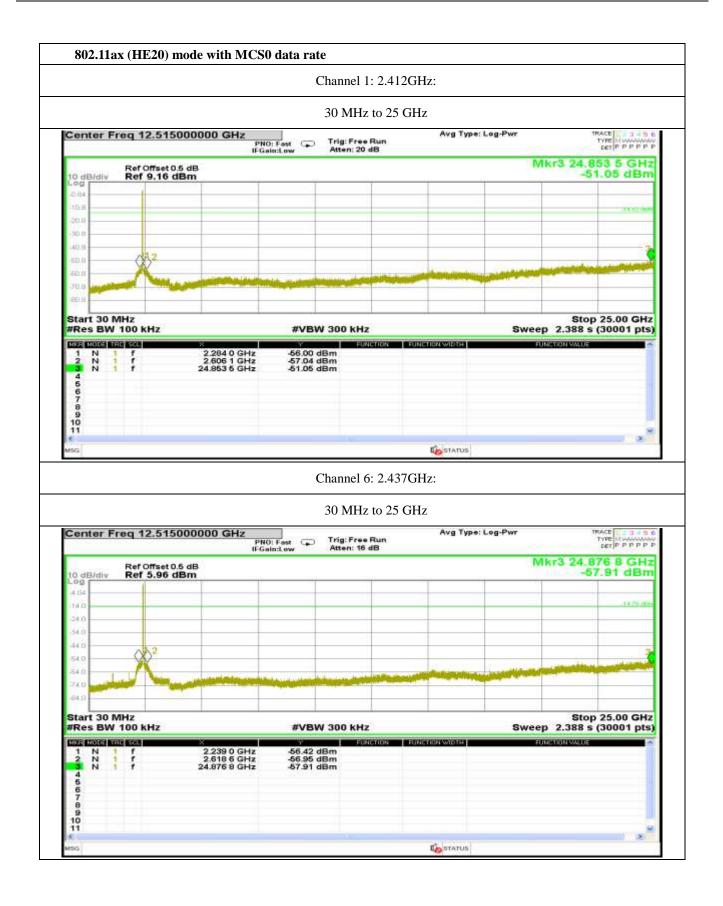








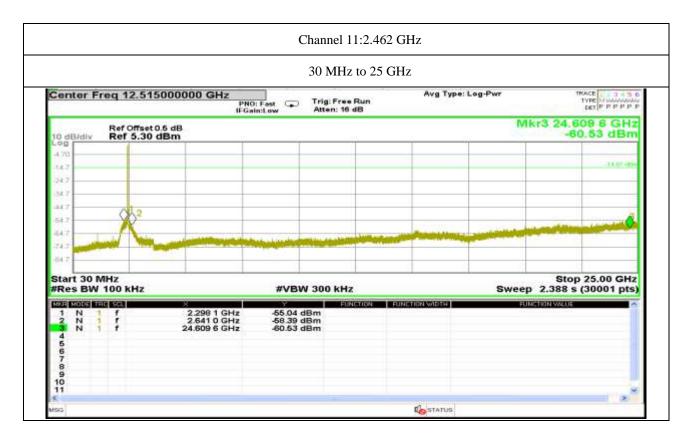




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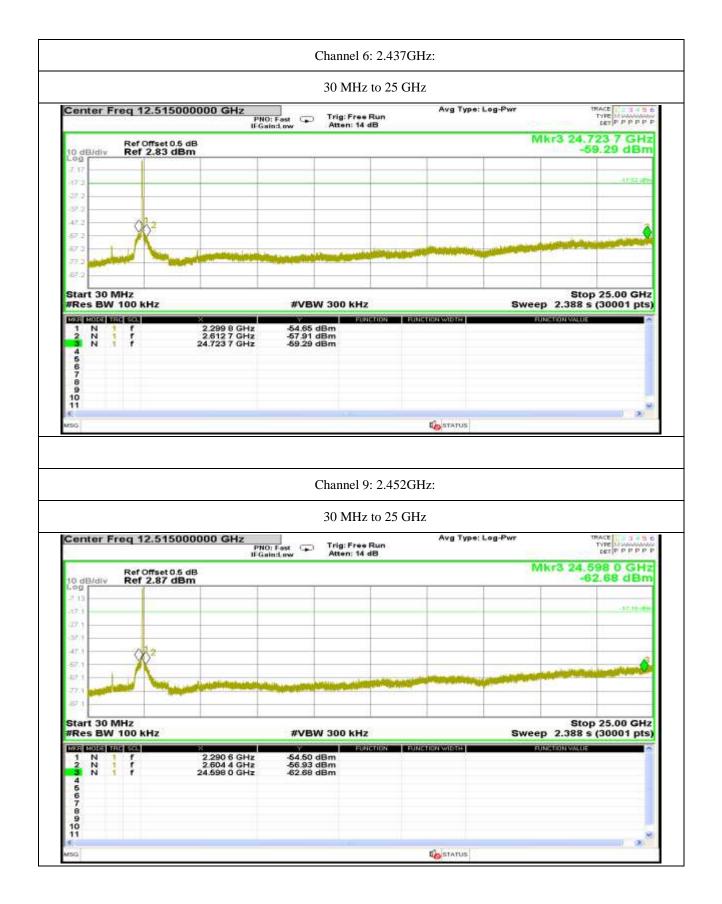


	Channel 3: 2.	422GHz:	
	30 MHz to 2	25 GHz	
Center Freq 12.515000000 GHz	PNO: Fast Trig: Free Run FGain:Low Atten: 14 dB	Avg Type: Log-Pwr	TRACE 23456 TYPE M MANAGEM DET P P P P P
Ref Offset 0.5 dB		N	1kr3 24.861 0 GHz -61.22 dBm
6.75 -18.9 -26.8			10.100
38.0 46.9 56.0 75.0			
868 Start 30 MHz			Stop 25.00 GHz
#Res BW 100 kHz	#VBW 300 kHz		p 2.388 s (30001 pts)
1 N 1 f 2.2948 GH 2 N 1 f 2.619 4 GH 4 A 1 f 24.861 0 GH 6 6 7 7 8 9 9 9 10	-58.05 dBm		

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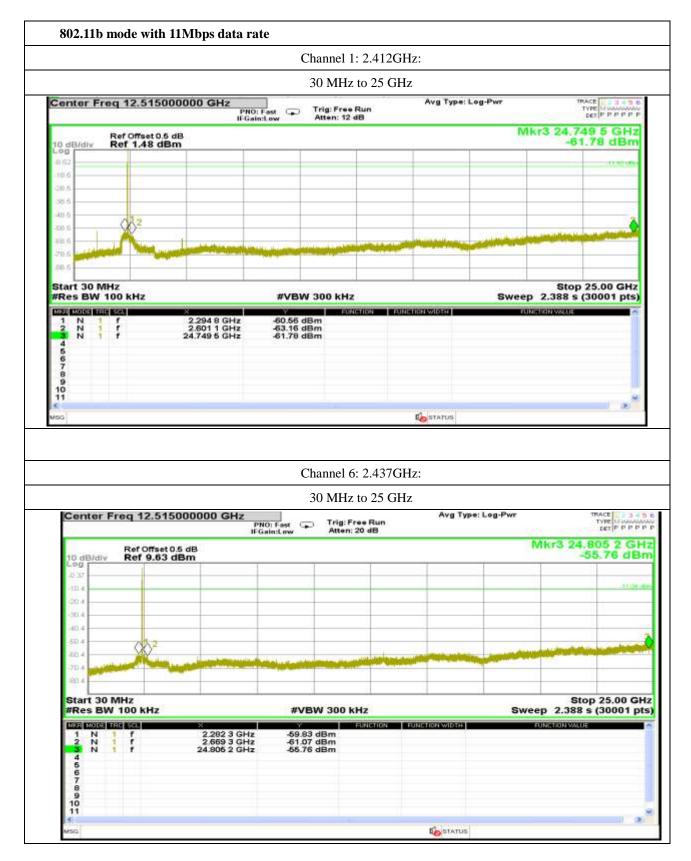


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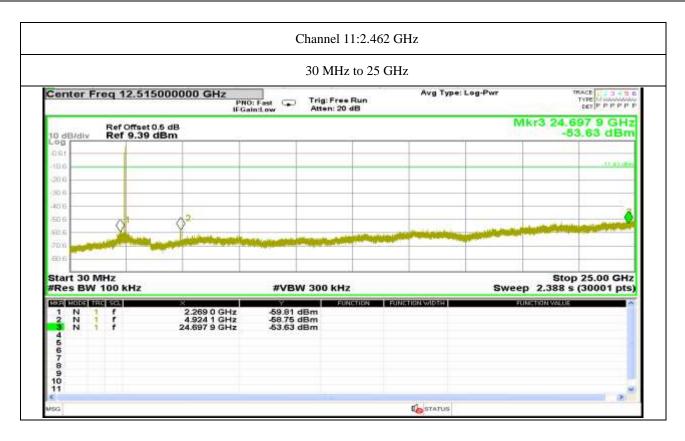
## Antenna 2:



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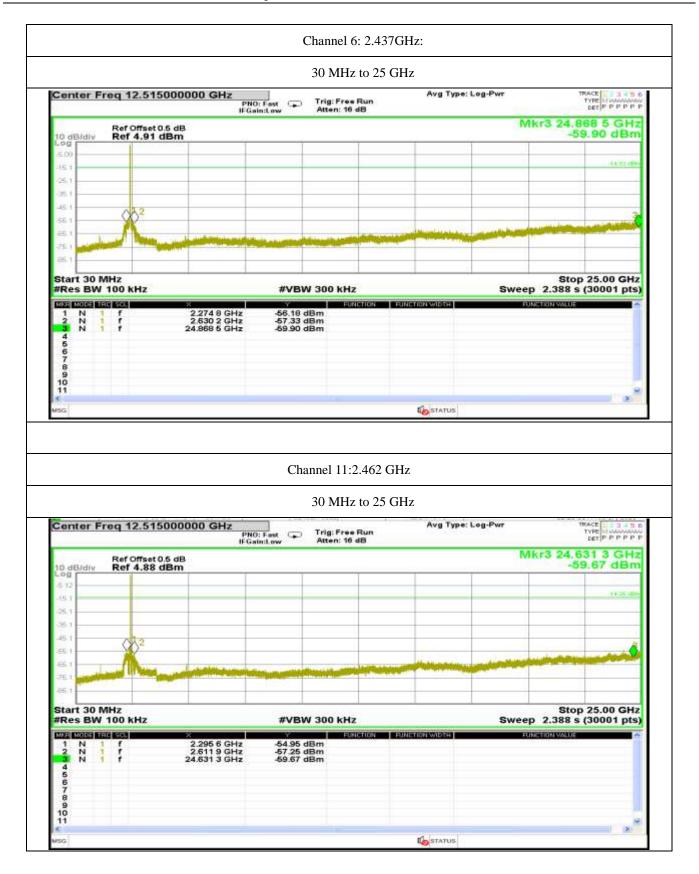


		Channe	l 1: 2.412GHz	:	
		30 MI	Hz to 25 GHz		
Center Freq 12.5150	PNO	Fast Trig: Fr	ree Run 14 dB	Avg Type: Log-Pwr	
Ref Offset 0.				Mk	r3 24.694 5 GHz -61.93 dBm
7 07 -12.1					-14 mil (197)
37.1					
81			-	and the second	
-67.1					
Start 30 MHz #Res BW 100 kHz		#VBW 300 k	Hz	Sweep	Stop 25.00 GHz 2.388 s (30001 pts)
Marci Mondel Hate Soll 1 N 1 F 2 N 1 F 3 N 1 F 4 5 6 6 7	8 2.297 3 GHz 2.616 9 GHz 24.694 5 GHz	-56.48 dBm -56.76 dBm -61.93 dBm	FUNCTION FUNCTION	ni viidtei (Filk	
8 9 10 11					

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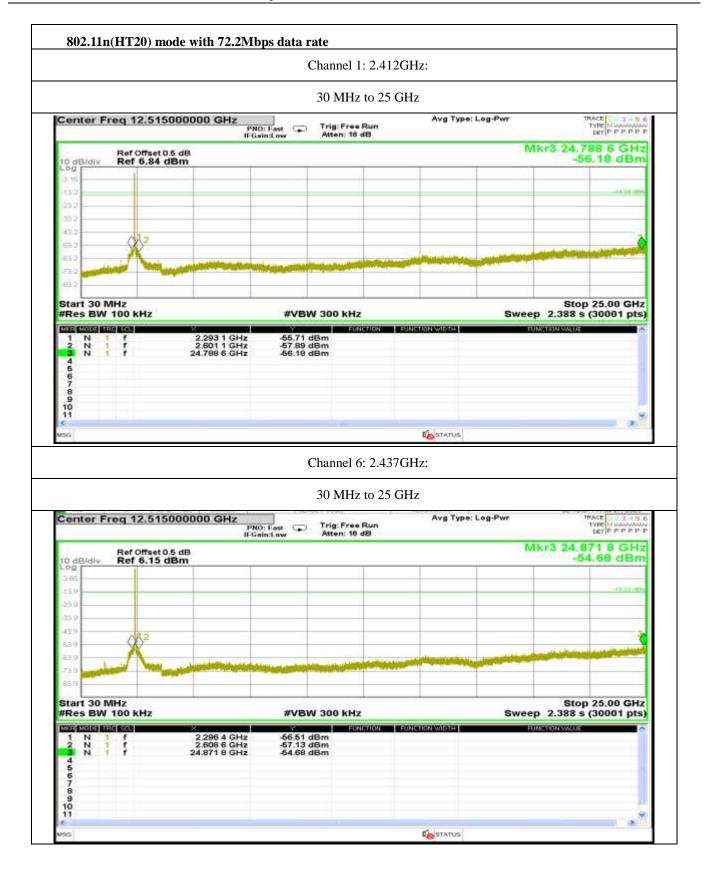






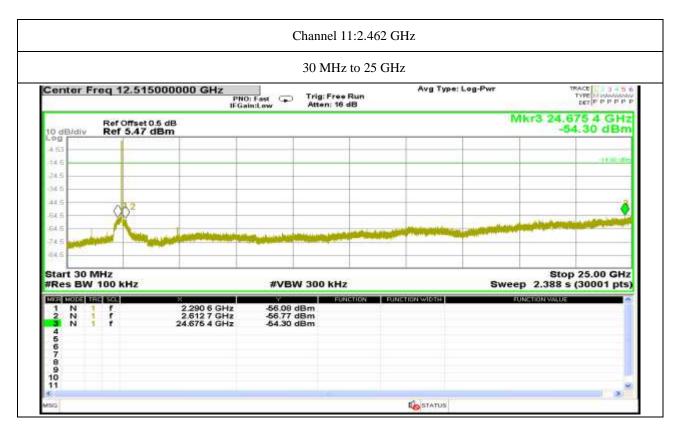


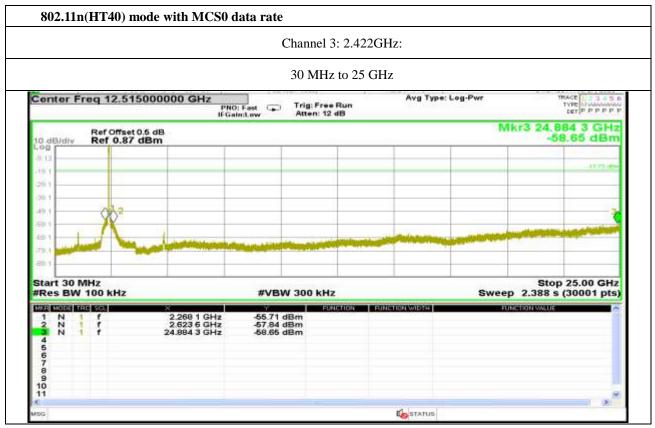








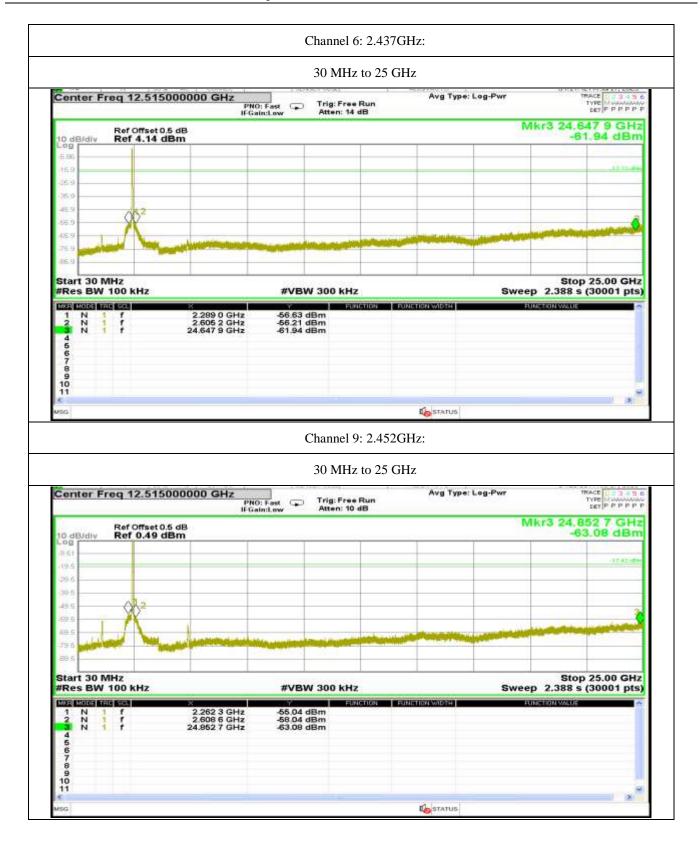




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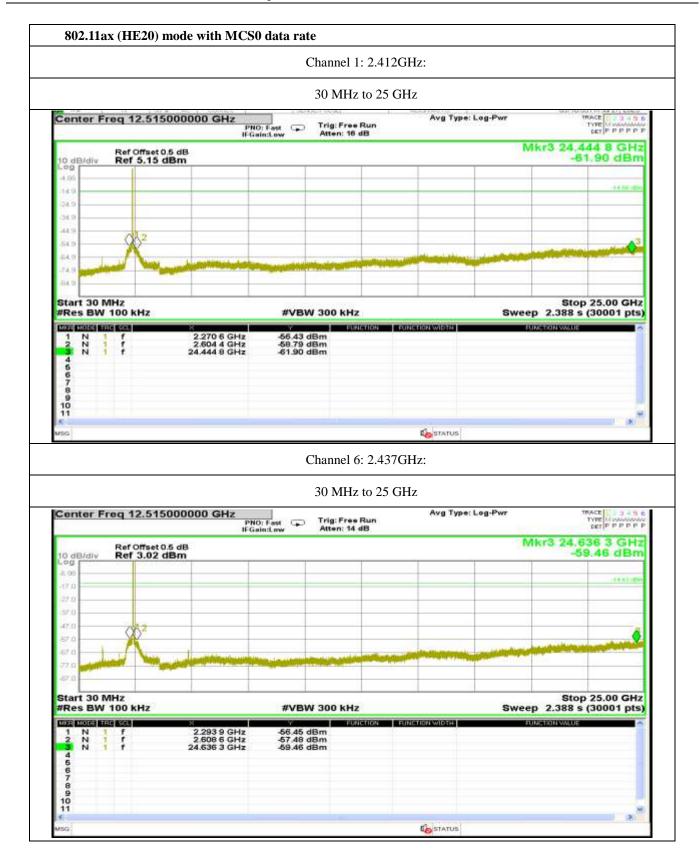






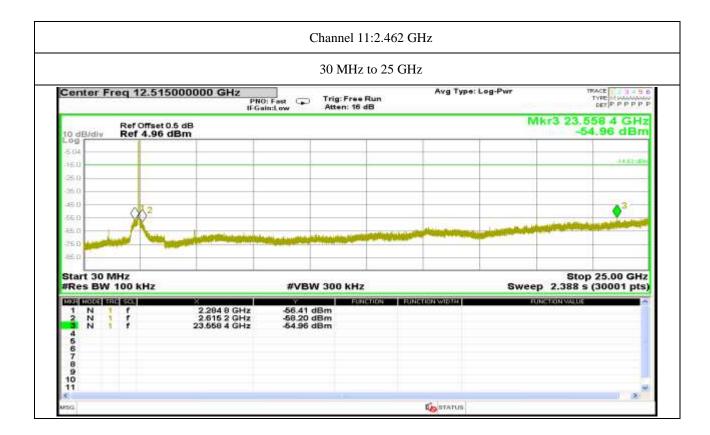












		Channel	3: 2.422GH	Z:	
		30 MF	Iz to 25 GHz		
Center Freq 12.515		Fast 😱 Trig: Fr atten: 1	ee Run 12 dB	Avg Type: Log-Pwr	
Ref Offset 0				N	Akr3 24.764 4 GHz -64.01 dBm
-8.61					-17.03 allow
-200 H					
488 082			_		
68.0				New York Contraction of the local division of the	and the second s
78.0					
Start 30 MHz #Res BW 100 kHz		#VBW 300 ki			Stop 25.00 GHz
ARES BW 100 KHZ	×		TIZ FUNCTION		0248070000
1 N 1 f 2 N 1 f 4 5 6 78	2.228 2 GHz 2.509 4 GHz 24.764 4 GHz	-56.25 dBm -58.47 dBm -64.01 dBm			
8 9 10 11					

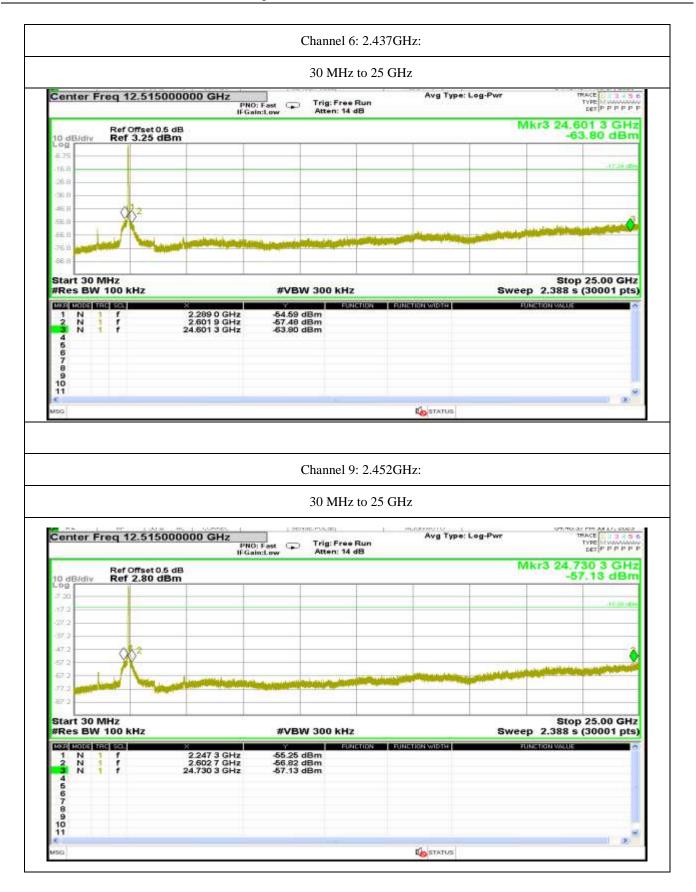
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Plot No.174, UdyogVihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India Contact: 0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: <u>www.aaemtlabs.com</u> Decision Rule: The result of conformity based on the mentioned standards actual test limits / levels

AAEMT/A2LA/TRF/FCC-15C/22\_01\_REV1





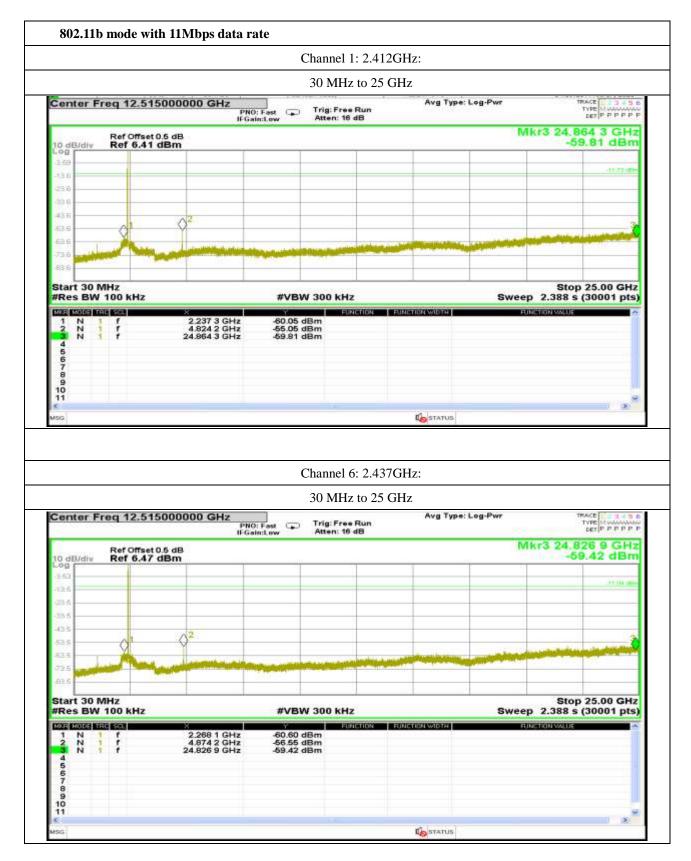


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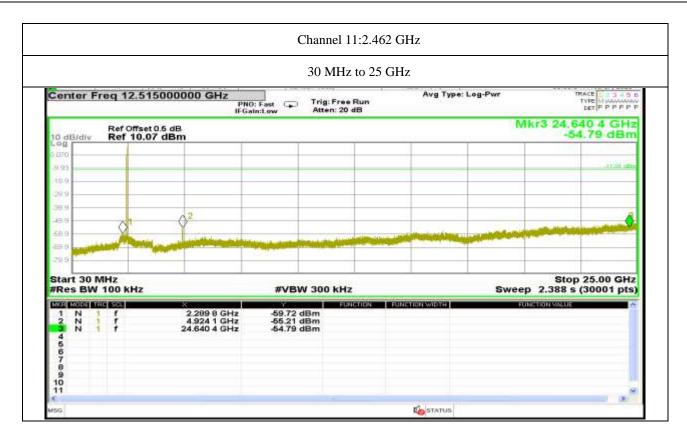
## Antenna 3:



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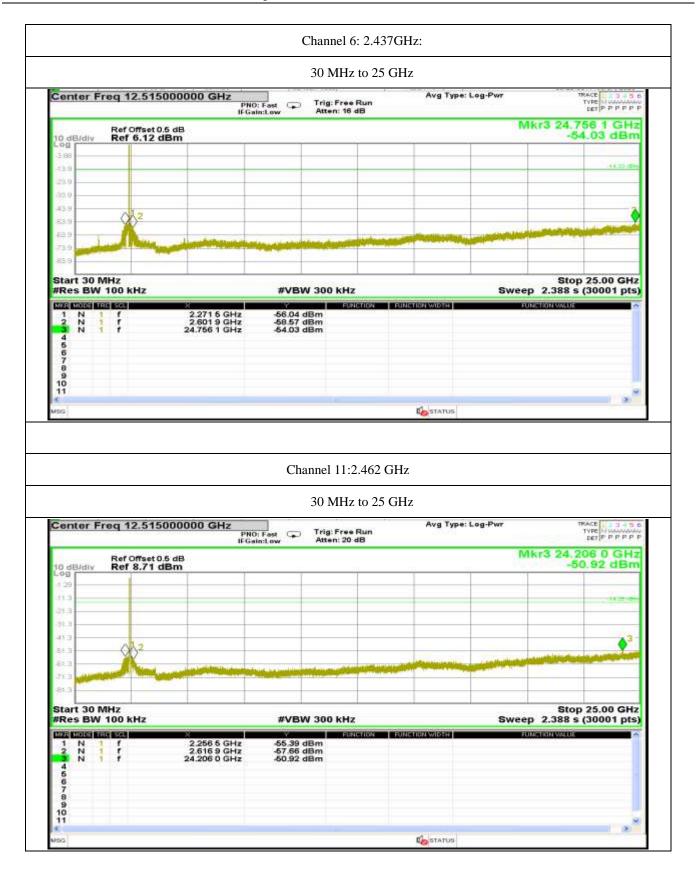


		Chan	nel 1: 2.412	GHz:		
		30 1	MHz to 25 C	GHz		
Center Freq 12.5	PNO	Fast Trig	: Free Run in: 16 dB	Avg Type: Lo	g-Pwr	TYPE DET P P P P P
Ref Offse 10 dBrdiv Ref 4.6	et 0.5 dB 2 dBm				Mkr3 24	.903 4 GHz 57.61 dBm
-5.38						-14.22 (200
-15.4						
36.4 45.4						
.55.4						
	in the second day of	Name of Street of Street		and the second second	And the local division of the local division of the	
-06.4						
Start 30 MHz #Res BW 100 kHz		#VBW 300	) kHz		Sweep 2.388	op 25.00 GHz s (30001 pts)
	2.270 6 GHz	-56.39 dBm	FUNCTION	EUNISTICK WORTH	EQUIPERION WAL	
	2.621 9 GHz 24.903 4 GHz	-59.44 dBm -57.61 dBm				
4 6 7 8 9 10						

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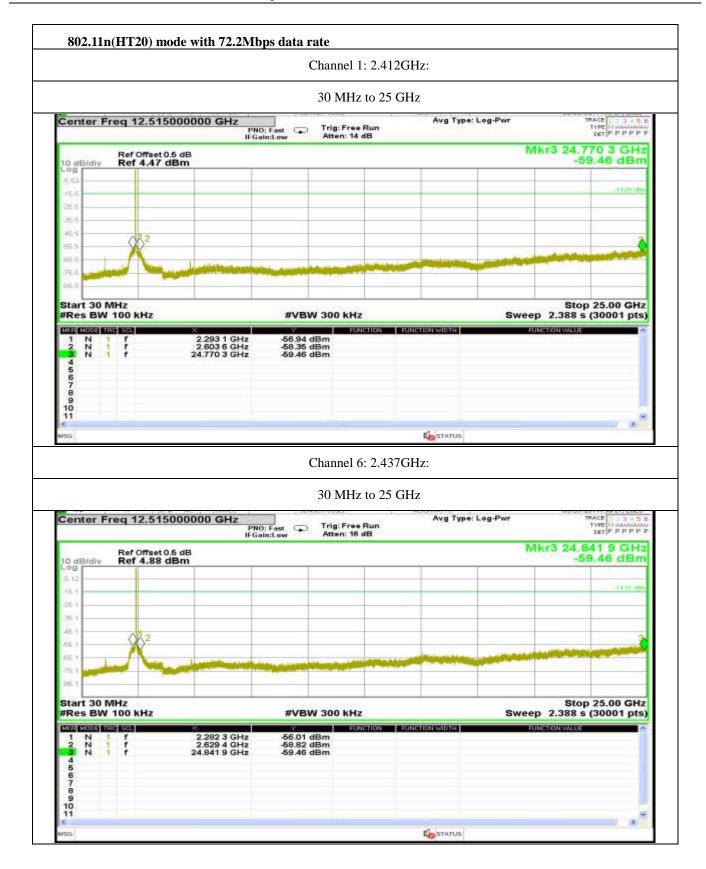






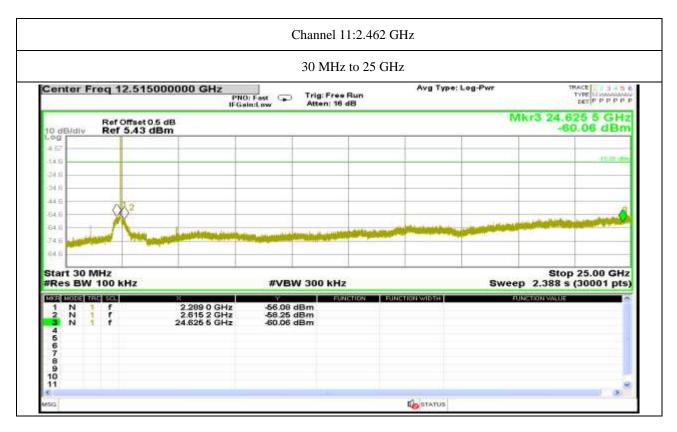










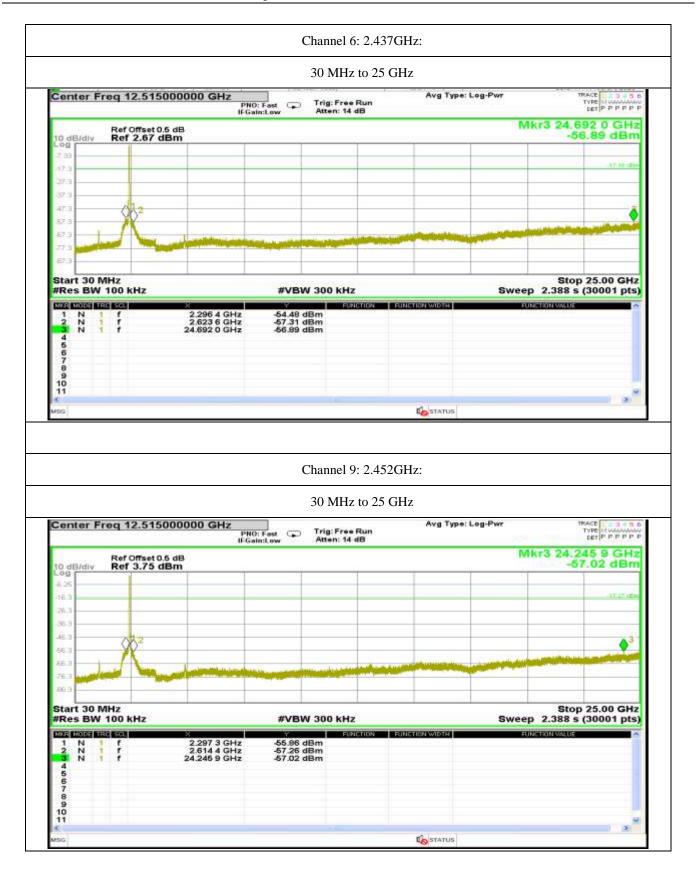


			Channel	3: 2.422G	Hz:		
			30 MH	z to 25 GF	Iz		
Center Freq	12.515000000 G		Trig: Fre	e Run 1 dB	Avg Type: Lo	g-Pwr	TYPE MUMUMUM DET P P P P P
10 dB/div R	ef Offset 0.5 dB ef 2.87 dBm					Mkr3	24.707 0 GHz -60.64 dBm
.7.13							-U. H. With
27.1							
47.1	082						-
57.1 42 <sup>-1</sup>	X		in the state of the		-	-	and the support of th
277.1 Harrison	Street and a street of the street of the						
Start 30 MHz							Stop 25.00 GHz
#Res BW 10	and a second	#1	/BW 300 kH	IZ INCTION FO	NETION WIDTH	Sweep 2.3	88 s (30001 pts)
1 N N 1	2.261 2.516 24.707	9 GHz -57.	77 dBm 67 dBm 64 dBm				
5 7 8 9							

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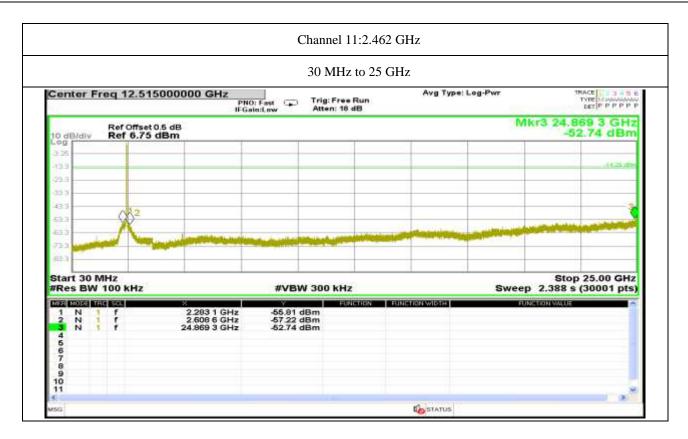




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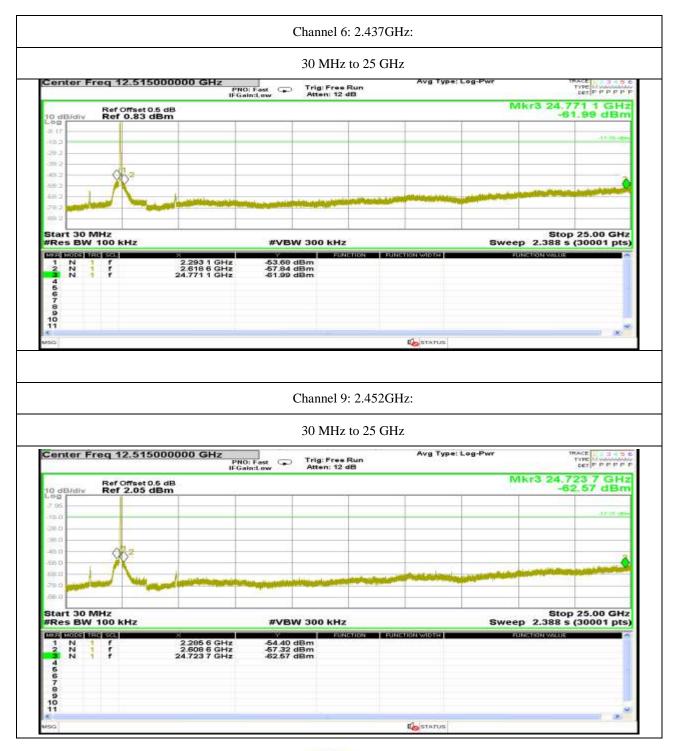


		Chann	el 3: 2.4220	GHz:		
		30 M	Hz to 25 G	Hz		
Center Freq 12.5150	PNO		Free Run : 14 dB	Avg Type: Log-P	WT 1	TYPE DET P P P P P
Ref Offset 0.6	dB Im				Mkr3 24.2	83 4 GHz 7.18 dBm
7.40					-	-17.84 (29)
37.8						
47.4 C 2						A3
574 174	A company of the second				-	-
-77 A			and which the state of the state			
Start 30 MHz #Res BW 100 kHz		#VBW 300	kH2		Stop Sweep 2.388 s	25.00 GHz
	8 002 0 CUI-	-55.44 dBm		BARHER WIDER	australiana	(30001 pts)
	2.293 9 GHz 2.632 7 GHz 24.283 4 GHz	-58,67 dBm -57,18 dBm				
4 5 6						
7 8 9						
10						

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\*\*End of report\*\*