



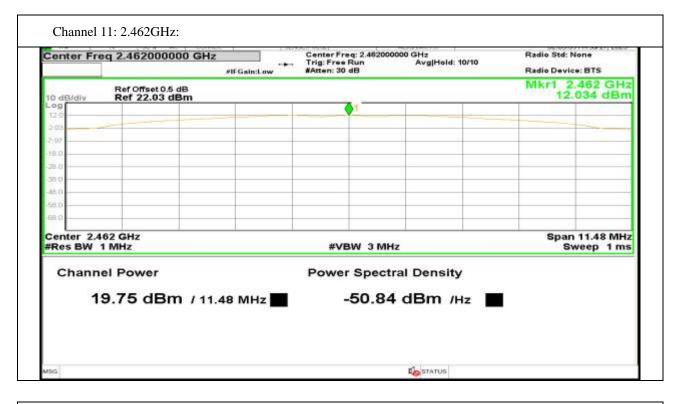


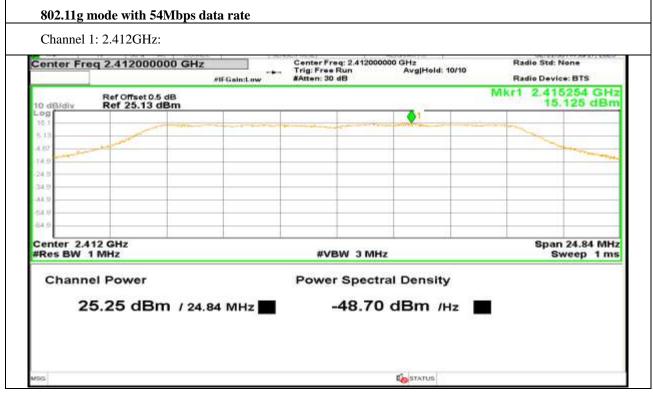
Antenna 2:

Center Freq 2.	412000000 GH	lz #IFGsin:Low ↔	Center Freq: 2.4120 Trig: Free Run MAtten: 30 dB	000000 GHz Avg Hold>10/10	Radio Std: None Radio Device: BTS
	f Offset 0.5 dB				Mkr1 2.412 GH: 11.681 dBm
Log			1		
1.66					
4.32					
-29.3					
38:3					
46.3					
-55.3 -681-3					
Center 2.412 G #Res BW 1 MH			#VBW 3 N	AHz	Span 12.2 MHz Sweep 1 ms
Charmel			Deuros Cr.	steel Dencity	
Channel P	ower		Power Spec	tral Density	
19.4	2 dBm / 1:	2.2 MHz	-51.4	4 dBm /Hz	
rsa l				Ko status	
950				No STATUS	
usg.				K STATUS	
Channel 6: 2.	437GHz:			Ko status	
Channel 6: 2.	437GHz: 437000000 GH		Center Freq: 2.437/ Trig: Free Run	000000 GHz	Radio Std: None
Channel 6: 2.	437000000 GH	/IF Gain:Low		200000 GHz Avg Hold: 10/10	Radio Device: BTS
Channel 6: 2.		A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	200000 GHz Avg Hold: 10/10	Radio Device: BTS Akr1 2.4370214 GHz
Channel 6: 2.	437000000 GH	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	200000 GHz Avg Hold: 10/10	
Channel 6: 2. Center Freq 2.	437000000 GH	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	200000 GHz Avg Hold: 10/10	Radio Device: BTS Akr1 2.4370214 GHz
Channel 6: 2. Center Freq 2.	437000000 GH	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	200000 GHz Avg Hold: 10/10	Radio Device: BTS Akr1 2.4370214 GHz
Channel 6: 2. Center Freq 2.	437000000 GH	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	200000 GHz Avg Hold: 10/10	Radio Device: BTS Akr1 2.4370214 GHz
Channel 6: 2. Center Freq 2.	437000000 GH	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	200000 GHz Avg Hold: 10/10	Radio Device: BTS Akr1 2.4370214 GHz
Channel 6: 2. Center Freq 2.	437000000 GH	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	200000 GHz Avg Hold: 10/10	Radio Device: BTS Akr1 2.4370214 GHz
Channel 6: 2. Center Freq 2.	437000000 GH	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	200000 GHz Avg Hold: 10/10	Radio Device: BTS Akr1 2.4370214 GHz
Channel 6: 2.	437000000 GH f Offset 0.5 dB f 21.90 dBm	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run NAtten: 30 dB	200000 GHz Avg[Hold: 10/10	Radio Device: BTS Akr1 2.4370214 GHz 11.898 dBm Span 10.71 MH:
Channel 6: 2.	437000000 GH f Offset 0.5 dB f 21.90 dBm	A CONTRACTOR OF A CONTRACTOR O	Trig: Free Run	200000 GHz Avg[Hold: 10/10	Radio Device: BTS Akr1 2.4370214 GHz 11.898 dBm
Channel 6: 2.	437000000 GH f Offset 0.5 dB f 21.90 dBm Hz	A CONTRACTOR OF A CONTRACTOR O	#VBW 3 N	200000 GHz Avg[Hold: 10/10	Radio Device: BTS Akr1 2.4370214 GHz 11.898 dBm Span 10.71 MH:
Channel 6: 2.	Hz z	#IFGain:Low	#VBW 3 N Power Spec	200000 GHz Avg Hold: 10/10	Radio Device: BTS Akr1 2.4370214 GHz 11.898 dBm Span 10.71 MH:
Channel 6: 2.	437000000 GH f Offset 0.5 dB f 21.90 dBm Hz	#IFGain:Low	#VBW 3 N Power Spec	000000 GHz Avg Hold: 10/10	Radio Device: BTS Akr1 2.4370214 GHz 11.898 dBm Span 10.71 MH:



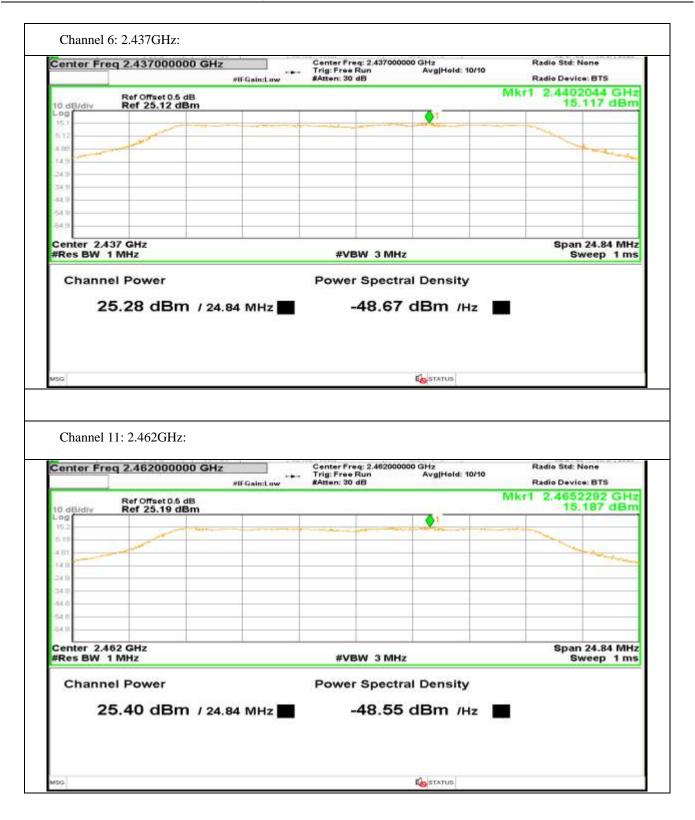












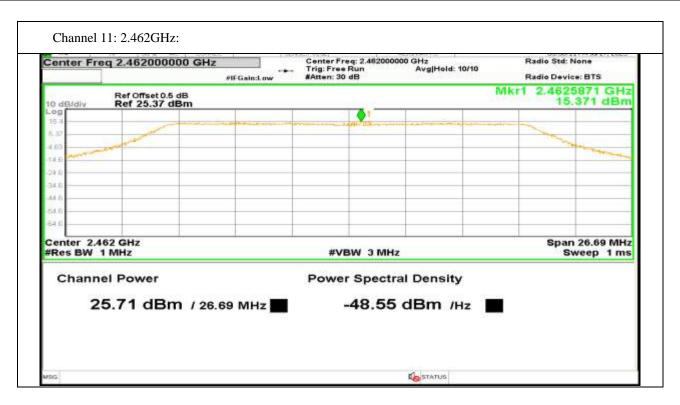


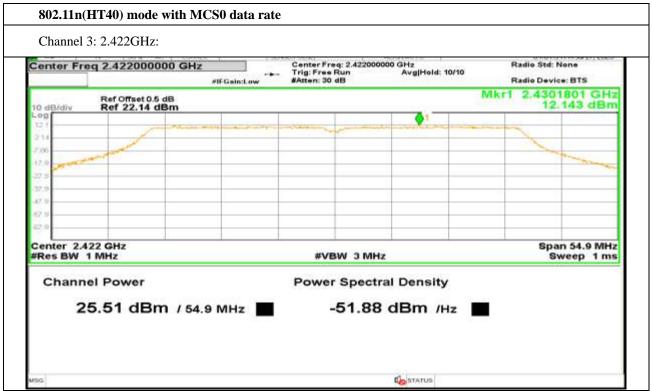










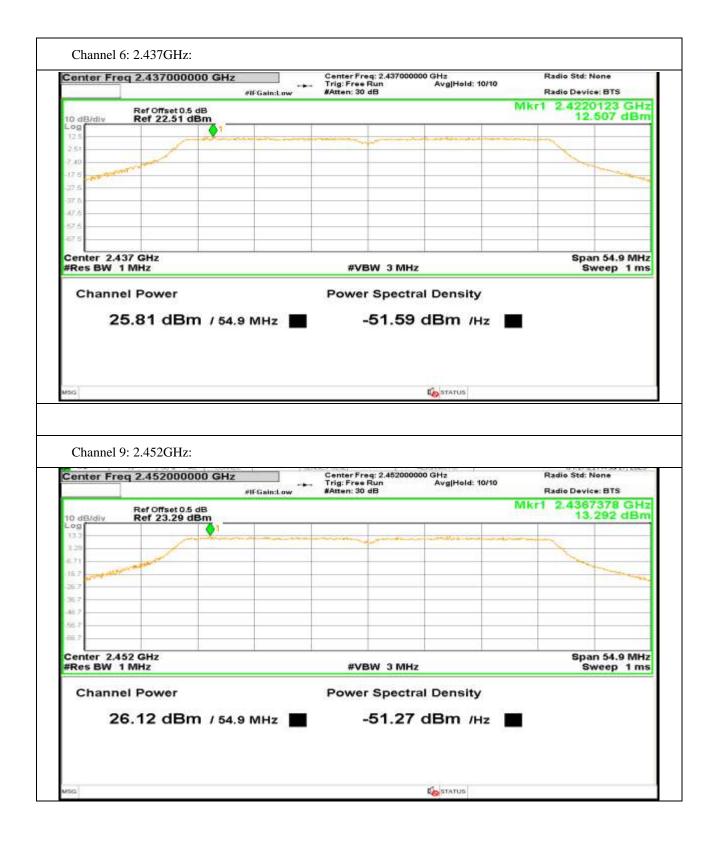


Page | 111

Plot No.174, UdyogVihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India Contact: 0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com Decision Rule: The result of conformity based on the mentioned standards actual test limits / levels AAEMT/A2LA/TRF/FCC-15C/22_01_REV1







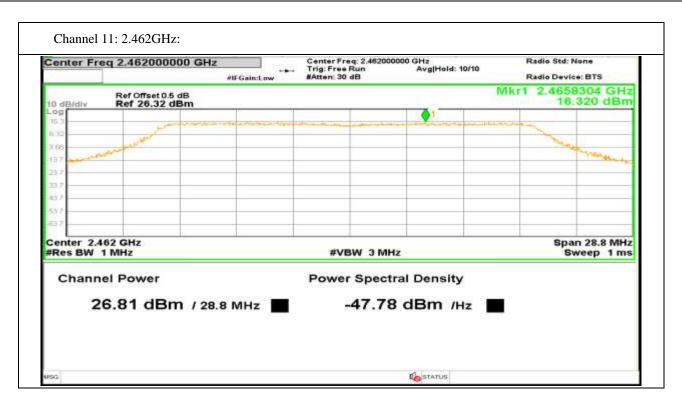


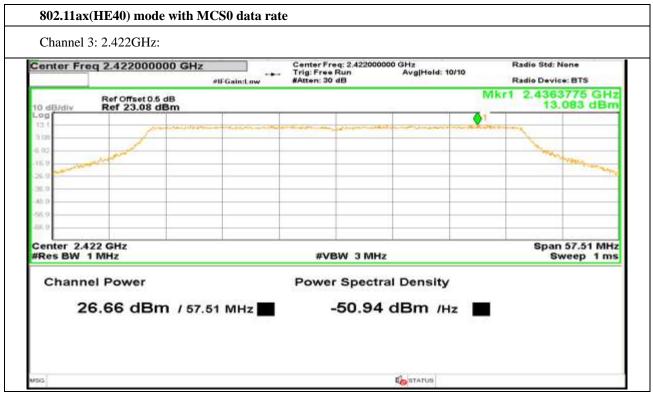










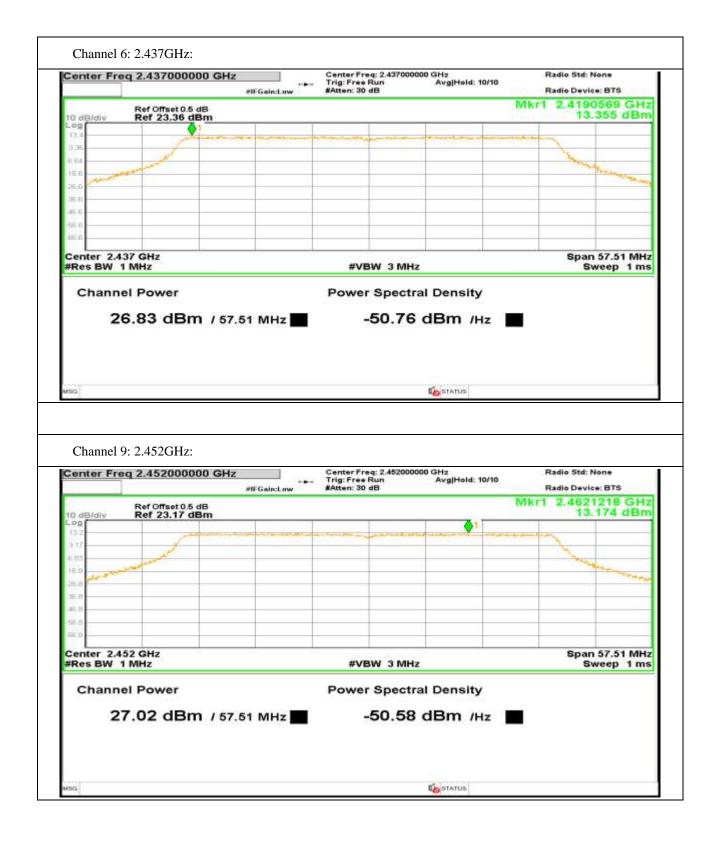


Page | 114

Plot No.174, UdyogVihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India Contact: 0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com Decision Rule: The result of conformity based on the mentioned standards actual test limits / levels AAEMT/A2LA/TRF/FCC-15C/22_01_REV1









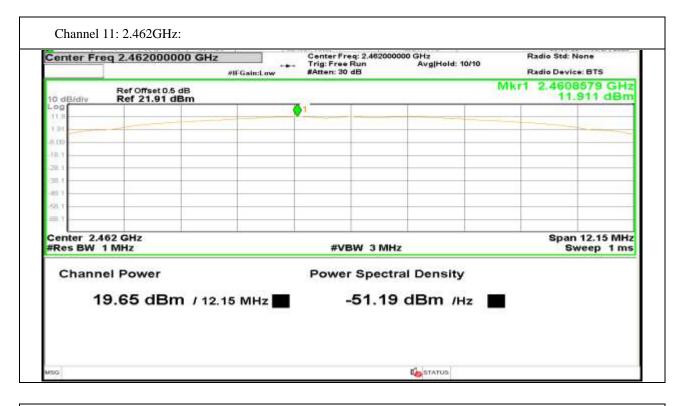


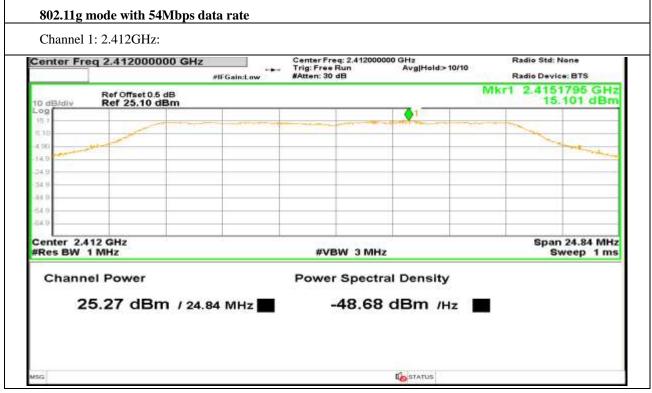
Antenna 3:

Center Freq 2.41200	90000 GHz #FGain:	Center Freq: 2,41200 Trig: Free Run Low #Atten: 30 dB	0000 GHz Avg Hold: 10/10	Radio Std: None Radio Device: BTS
10 dB/div Ref 21.8			Mkr1 2.412 GHz 11.826 dBm	
		0 1		
1 03				
18.2				
29.2				
30 2 at 2				
58.2				
m 2				
Center 2.412 GHz #Res BW 1 MHz		#VBW 3 MH	1z	Span 11.43 MHz Sweep 1 ms
Channel Power		Power Spect	ral Density	
40 50 -	3m / 11.43 мн	— - - - - - - - - - -	5 dBm /Hz	
			G STATUS	
			TATUS.	
sg			STATUS	
channel 6: 2.437GI		Center Frag: 2.43700		Radio Std: None
channel 6: 2.437GI		Center Freq: 2.43700 → Trig: Free Run Low #Atten: 30 dB		Radio Std: None Radio Device: BTS
Channel 6: 2.437GI	00000 GHz #FGain: 0.5 dB	Trig: Free Run	0000 GHz Avg Hold>10/10	Radio Device: BTS Akr1 2.4369758 GHz
Channel 6: 2.437GI	00000 GHz #FGain: 0.5 dB	Trig: Free Run	0000 GHz Avg Hold>10/10	
Channel 6: 2.437GI	00000 GHz #FGain: 0.5 dB	Trig: Free Run	0000 GHz Avg Hold>10/10	Radio Device: BTS Akr1 2.4369758 GHz
Channel 6: 2.437GI	00000 GHz #FGain: 0.5 dB	Trig: Free Run	0000 GHz Avg Hold>10/10	Radio Device: BTS Akr1 2.4369758 GHz
Channel 6: 2.437Gl	00000 GHz #FGain: 0.5 dB	Trig: Free Run	0000 GHz Avg Hold>10/10	Radio Device: BTS Akr1 2.4369758 GHz
Channel 6: 2.437Gl	00000 GHz #FGain: 0.5 dB	Trig: Free Run	0000 GHz Avg Hold>10/10	Radio Device: BTS Akr1 2.4369758 GHz
Channel 6: 2.437GI	00000 GHz #FGain: 0.5 dB	Trig: Free Run	0000 GHz Avg Hold>10/10	Radio Device: BTS Akr1 2.4369758 GHz
Channel 6: 2.437Gl	00000 GHz #FGain: 0.5 dB	Trig: Free Run	0000 GHz Avg Hold>10/10	Radio Device: BTS Akr1 2.4369758 GHz 12.132 dBm
Channel 6: 2.437GI	00000 GHz #FGain: 0.5 dB	Trig: Free Run	0000 GHz AvgHold>10/10	Radio Device: BTS Akr1 2.4369758 GHz
Channel 6: 2.437GI	00000 GHz //IFGain: 0.5 dB 3 dBm	Trig: Free Run Low #Atten: 30 dB	0000 GHz Avg Hold> 10/10	Radio Device: BTS Akr1 2.4369758 GHz 12.132 dBm Span 12.11 MHz
Channel 6: 2.437GI	00000 GHz //IFGain: 0.5 dB 3 dBm	Trig: Free Run WAtten: 30 dB	0000 GHz Avg Hold> 10/10	Radio Device: BTS Akr1 2.4369758 GHz 12.132 dBm Span 12.11 MHz





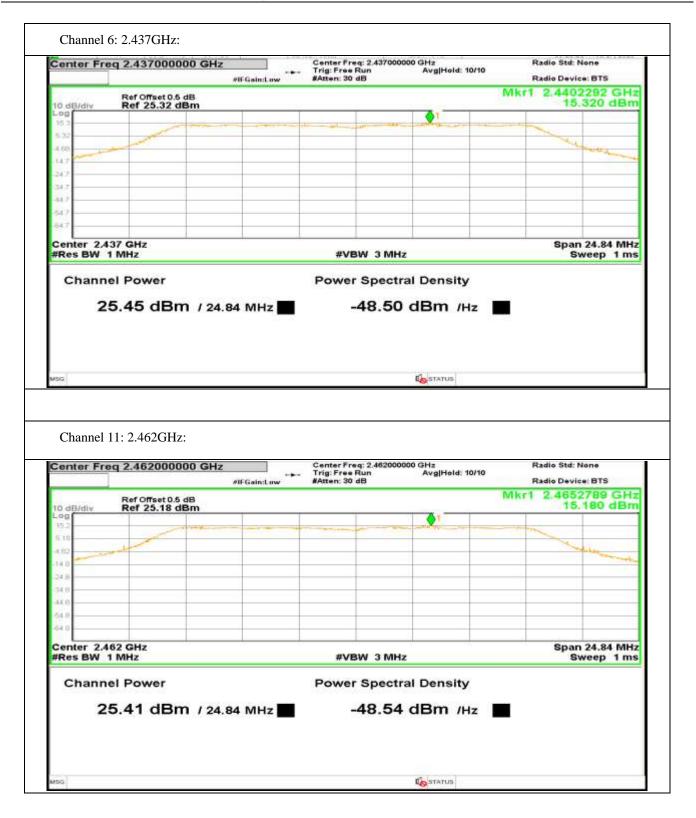




Page | 117







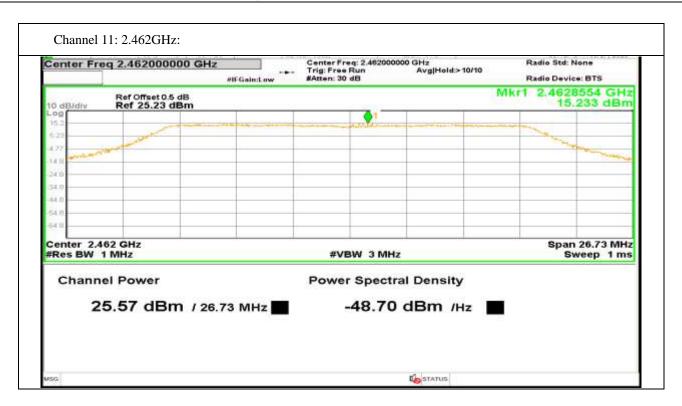


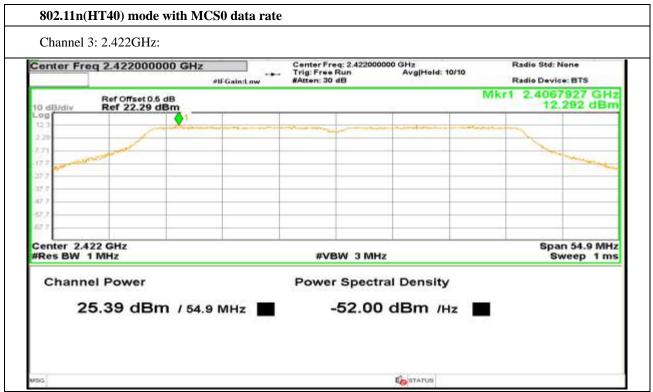






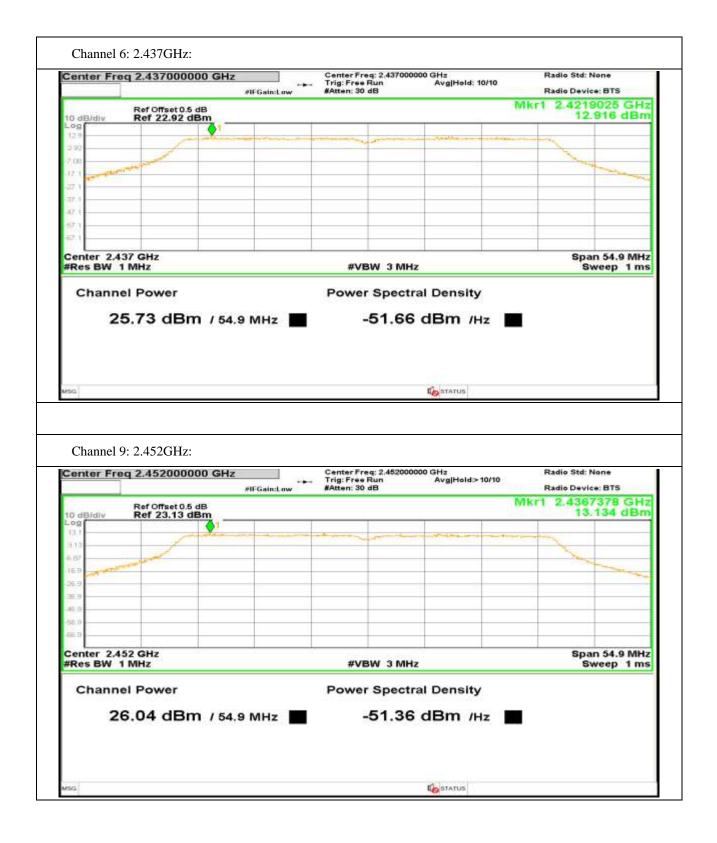






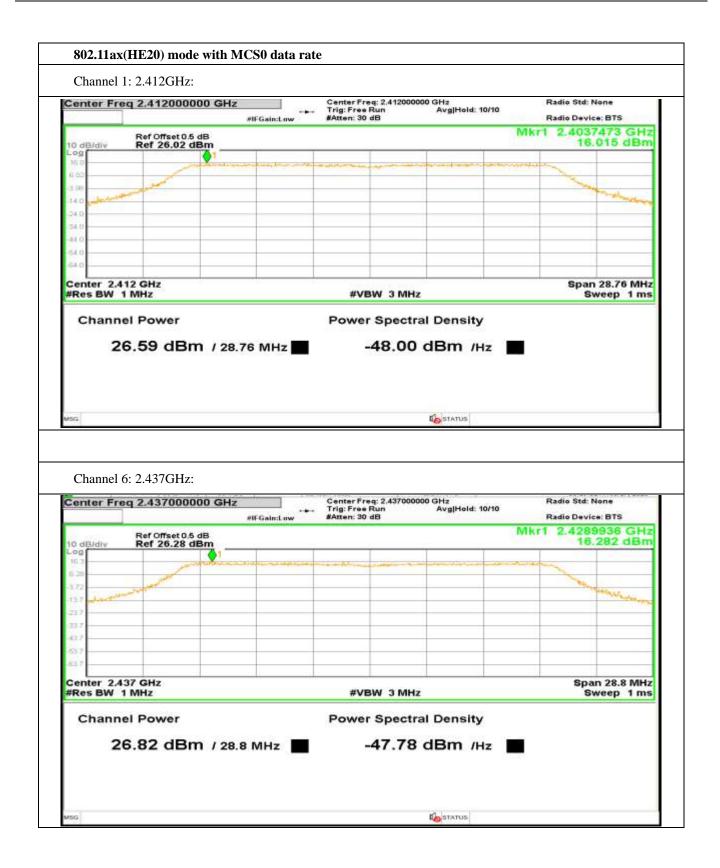






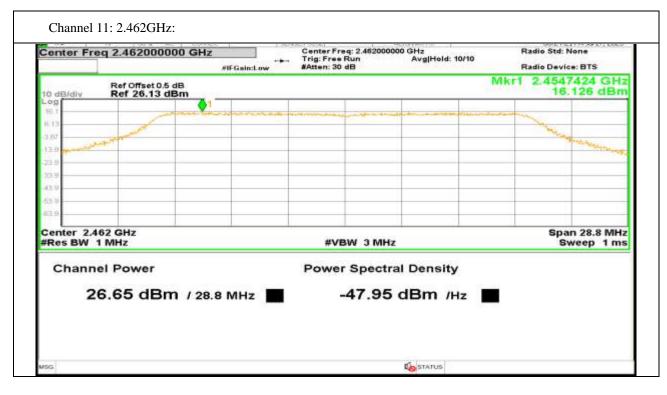


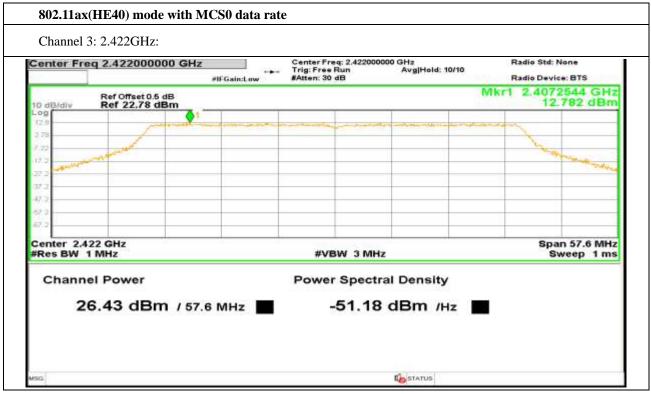
















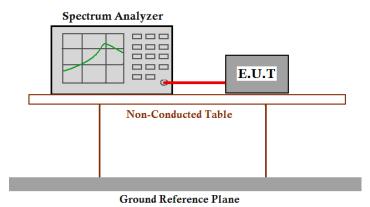






7.7 Peak Power Spectral Density

Test Requirement:	FCC Part 15 C section 15.247
1	(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:	



Page | 125





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:

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: Antenna 0:

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	-	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	8dBm/3KHZ	Pass
3	2422		MCS0	-12.23		Pass
6	2437	802.11n (HT40)	MCS0	-11.38		Pass
9	2452	()	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	(1140)	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		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		Pass
1	2412		54 Mbps	-9.89		Pass
6	2437	802.11g	54 Mbps	-9.90		Pass
11	2462		54 Mbps	-9.14	8dBm/3KHZ	Pass
1	2412	002.11	72.2 Mbps	-8.80		Pass
6	2437	802.11n	72.2 Mbps	-8.72		Pass
11	2462	(HT20)	72.2 Mbps	-7.15		Pass
3	2422		MCS0	-11.86		Pass
6	2437	802.11n (HT40)	MCS0	-11.72		Pass
9	2452	(П140)	MCS0	-11.11		Pass
1	2412		MCS0	-9.49		Pass
6	2437	802.11ax (HE20)	MCS0	-9.21		Pass
11	2462	(122-0)	MCS0	-8.61		Pass
3	2422		MCS0	-12.24	1	Pass
6	2437	802.11ax (HE40)	MCS0	-12.51		Pass
9	2452	(11210)	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		Pass
11	2462		54 Mbps	-9.64	8dBm/3KHZ	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	(MCS0	-8.94		Pass
3	2422		MCS0	-12.25		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



Page | 131



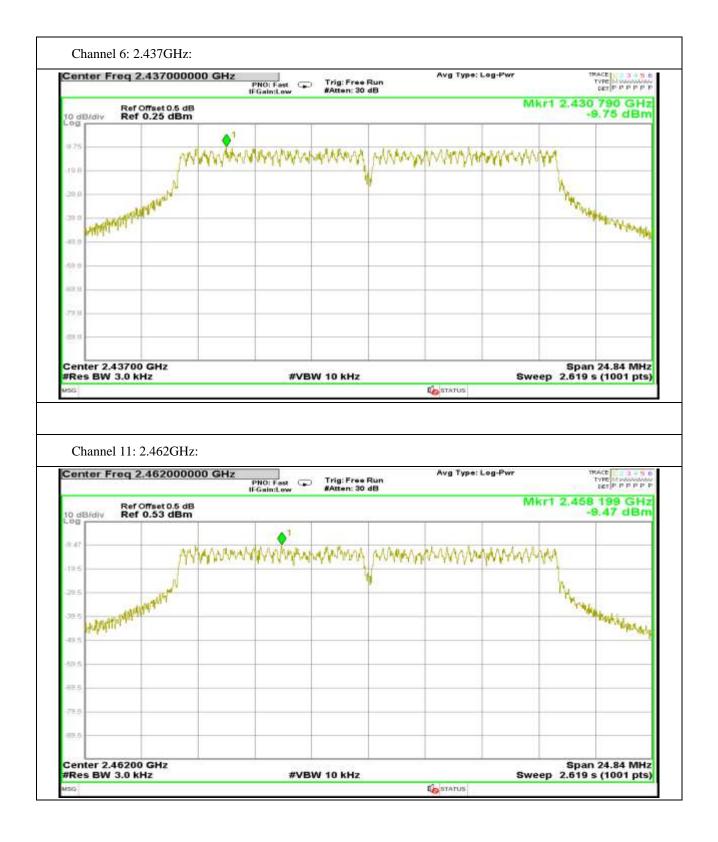






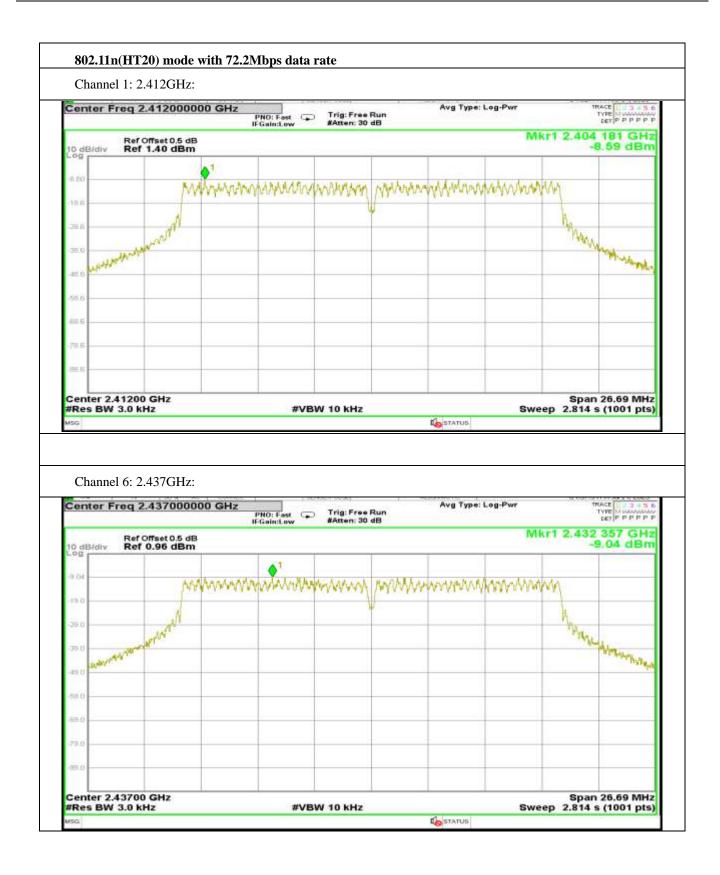






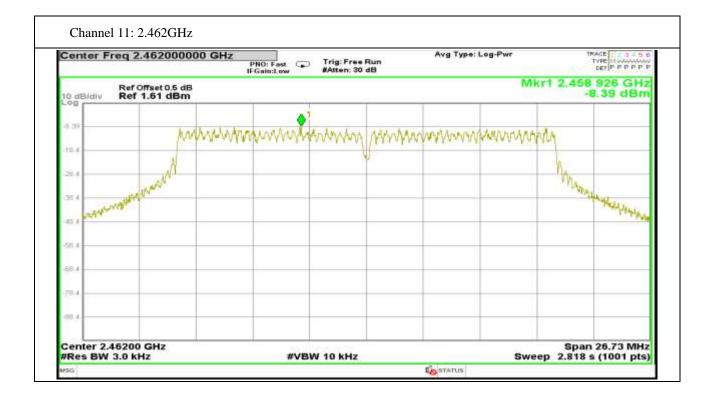


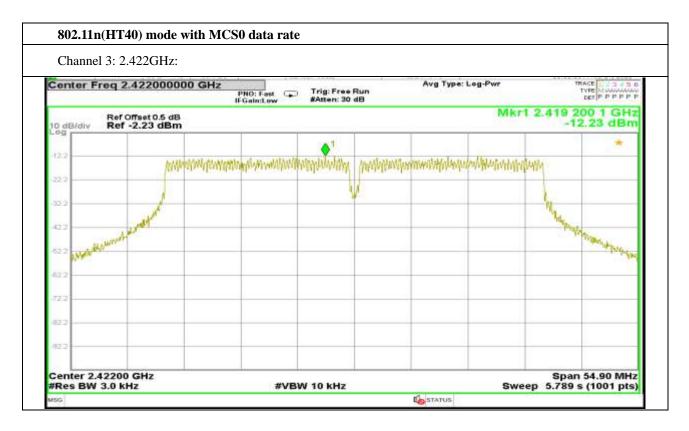








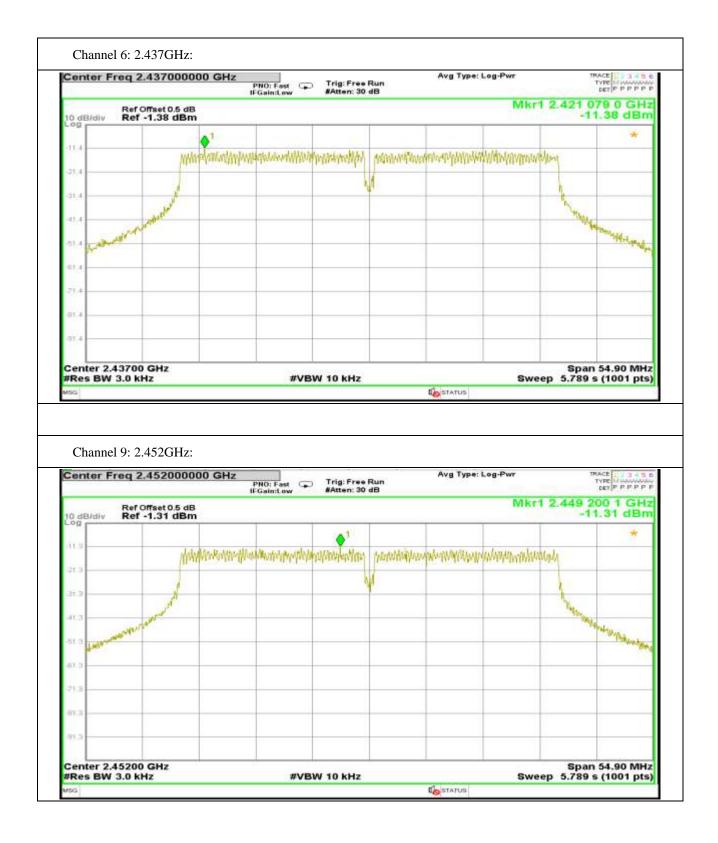




Page | 135

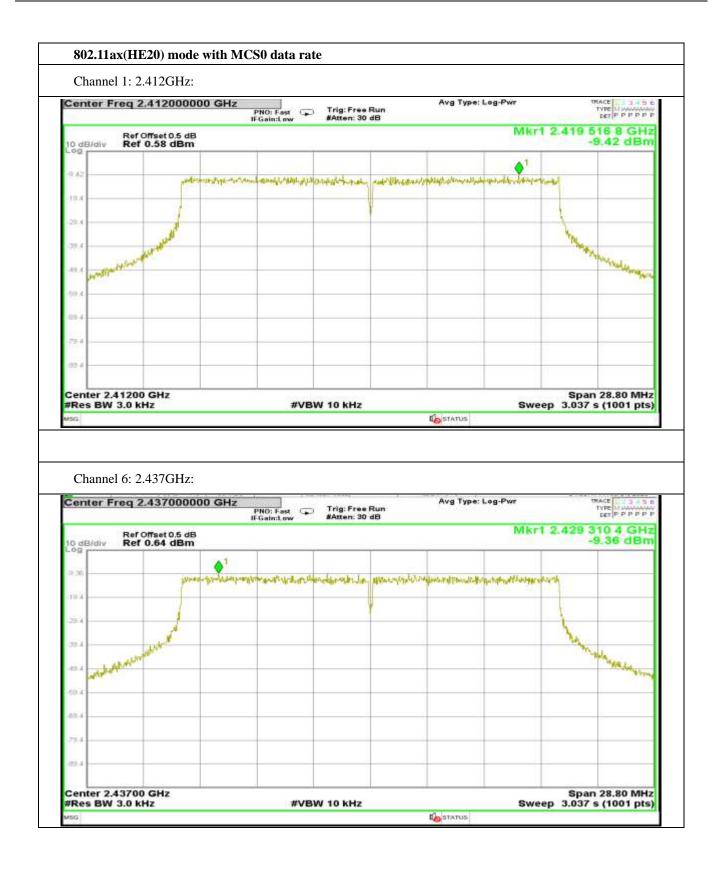














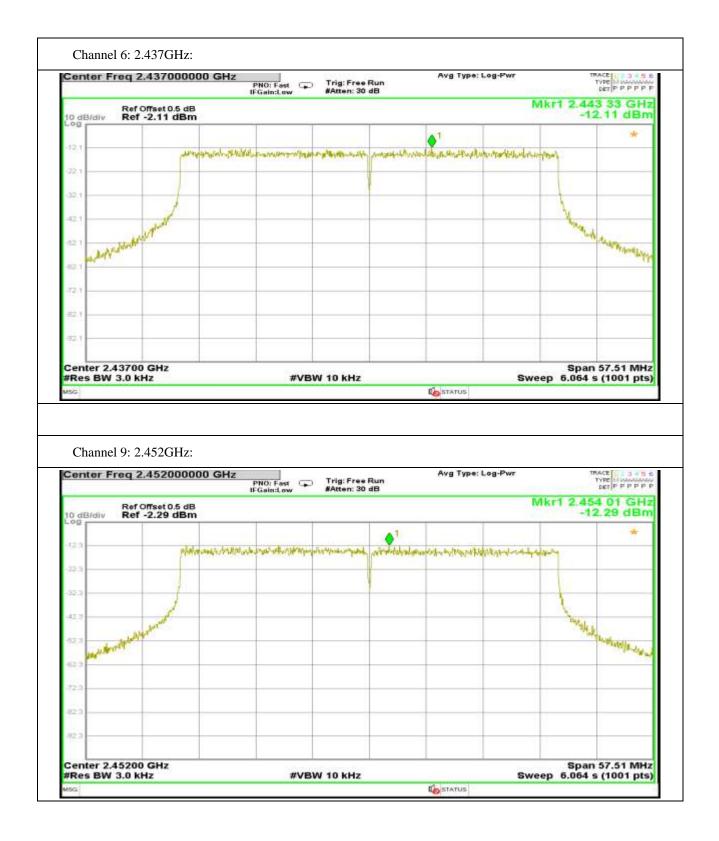








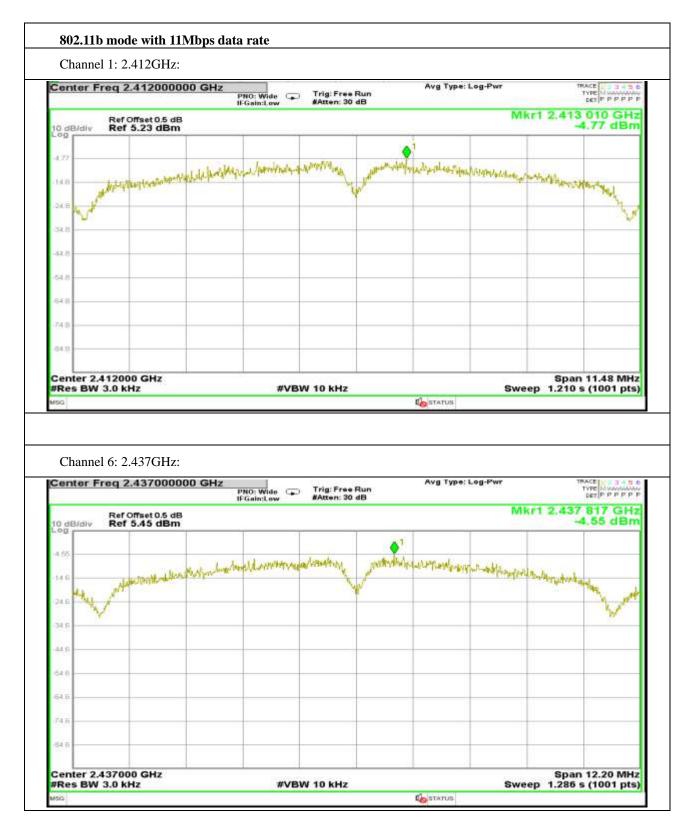








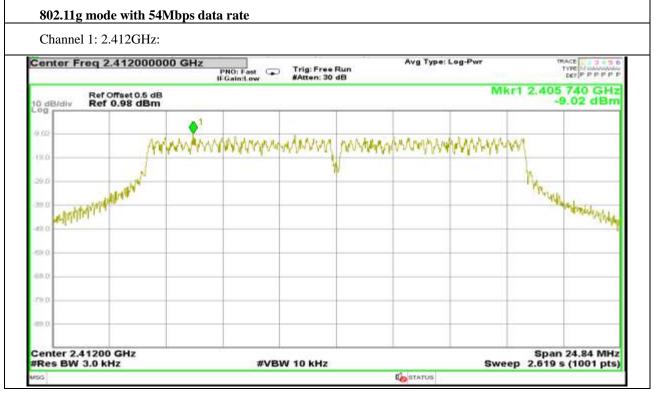
Antenna 1





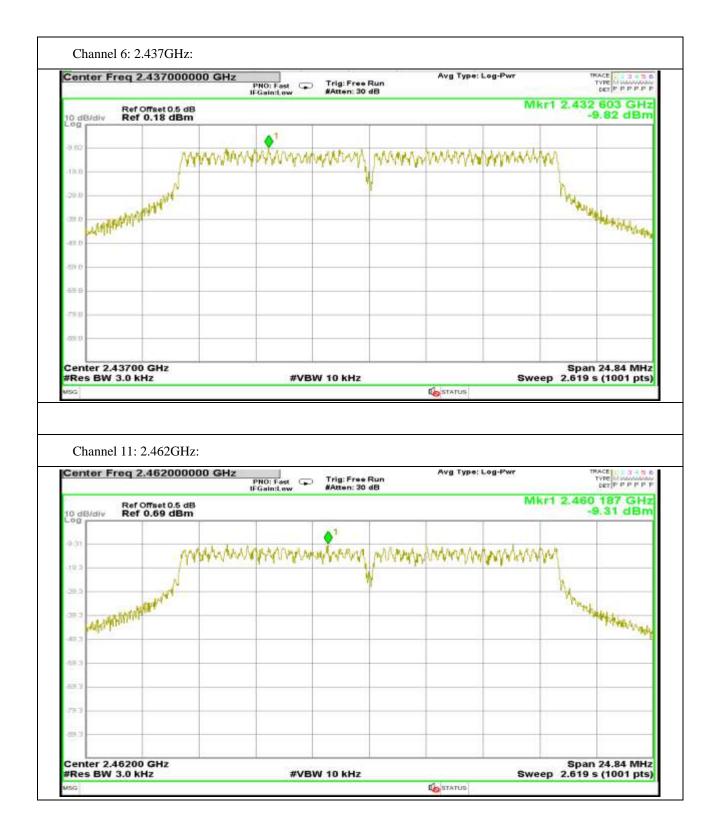






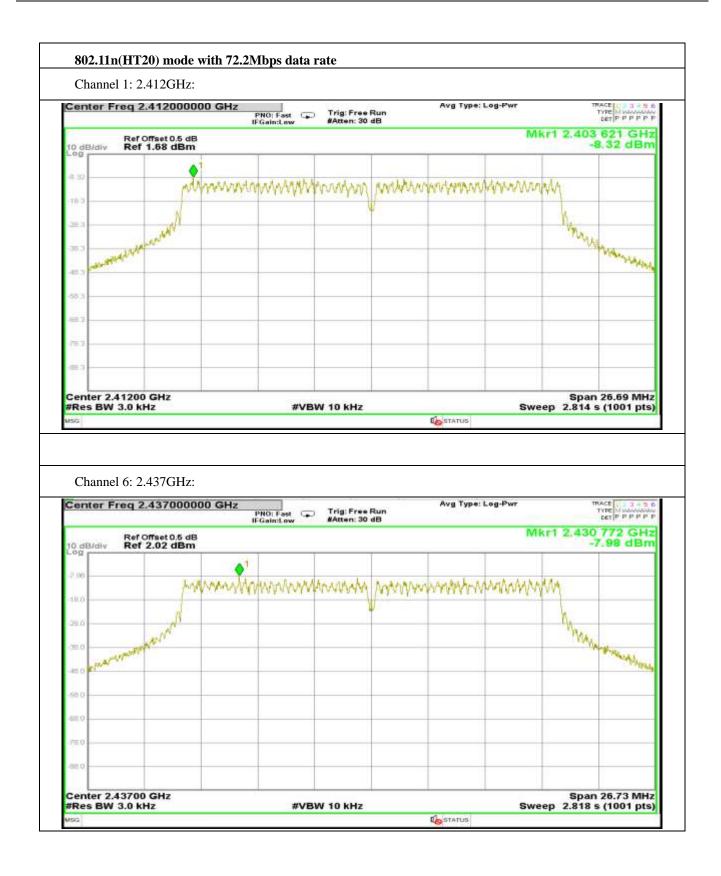








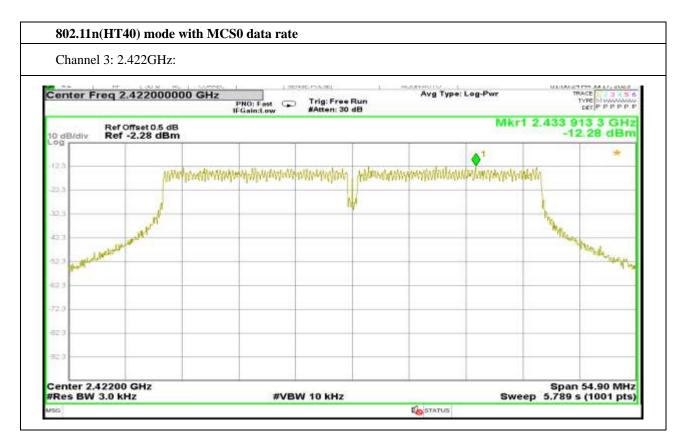






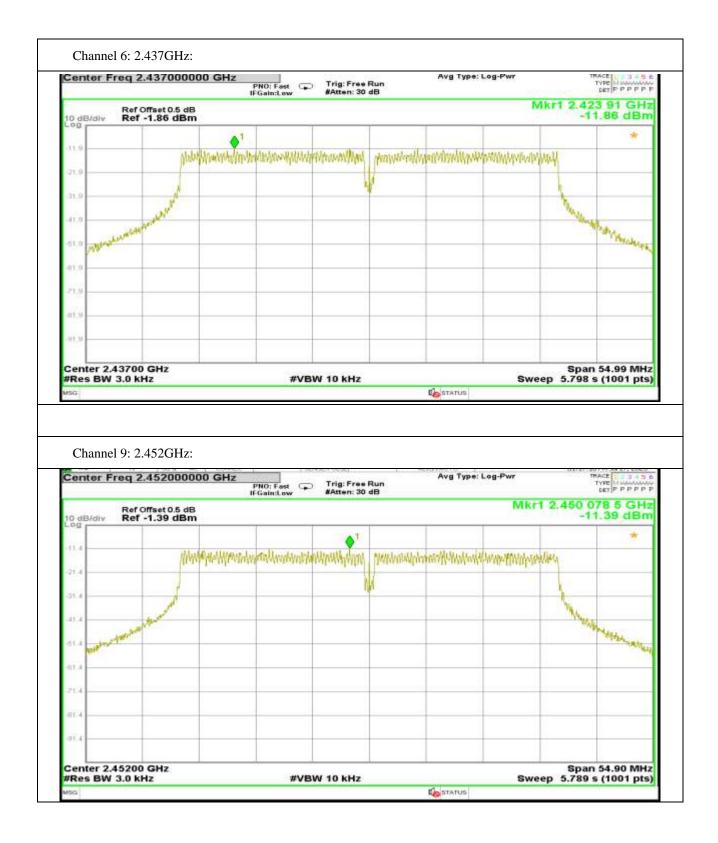






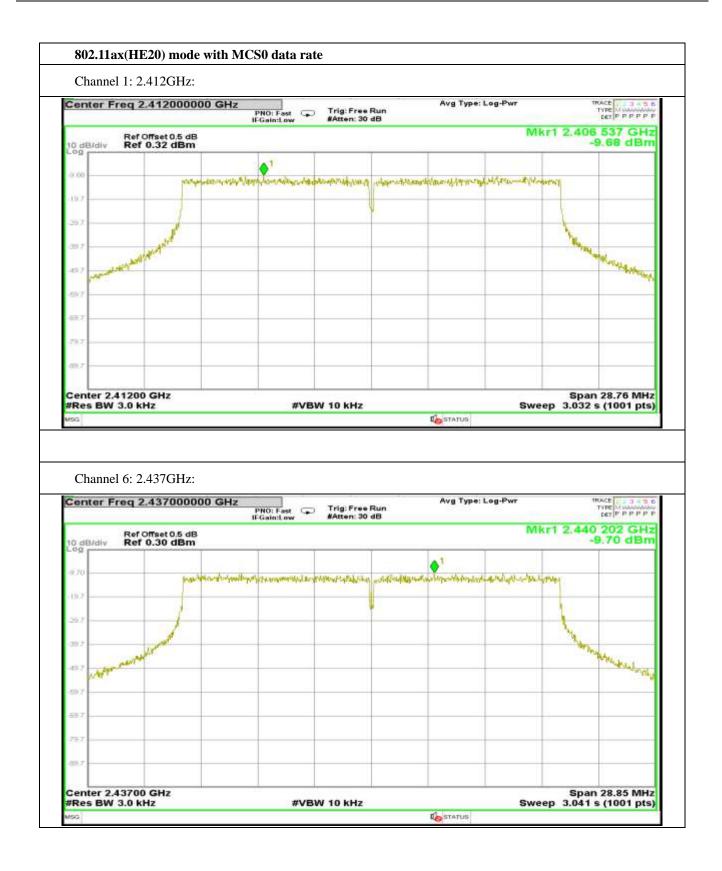














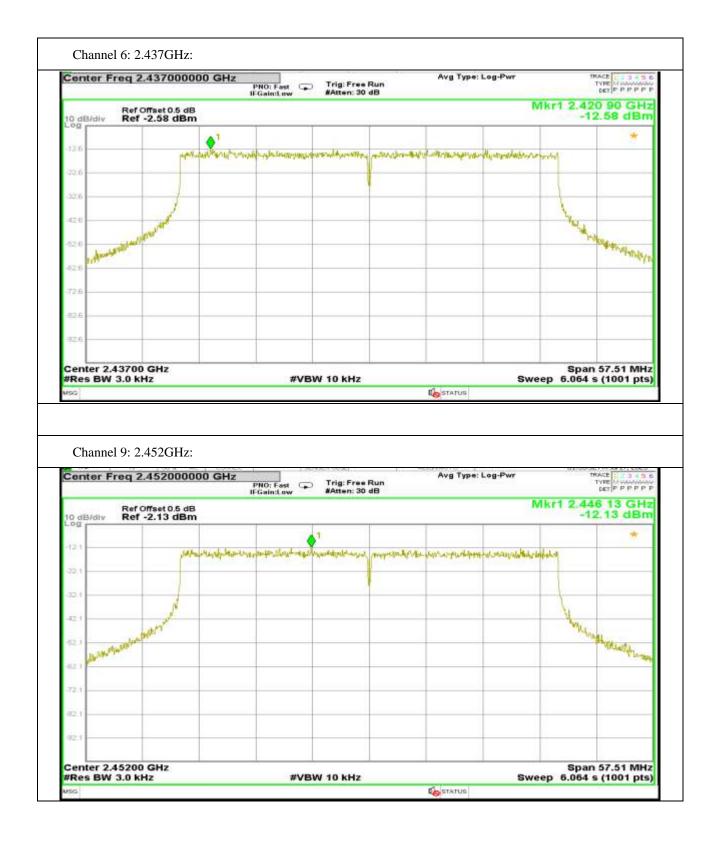
















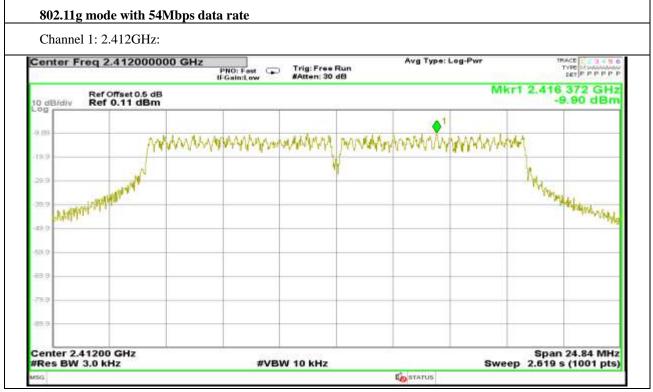
Antenna 2





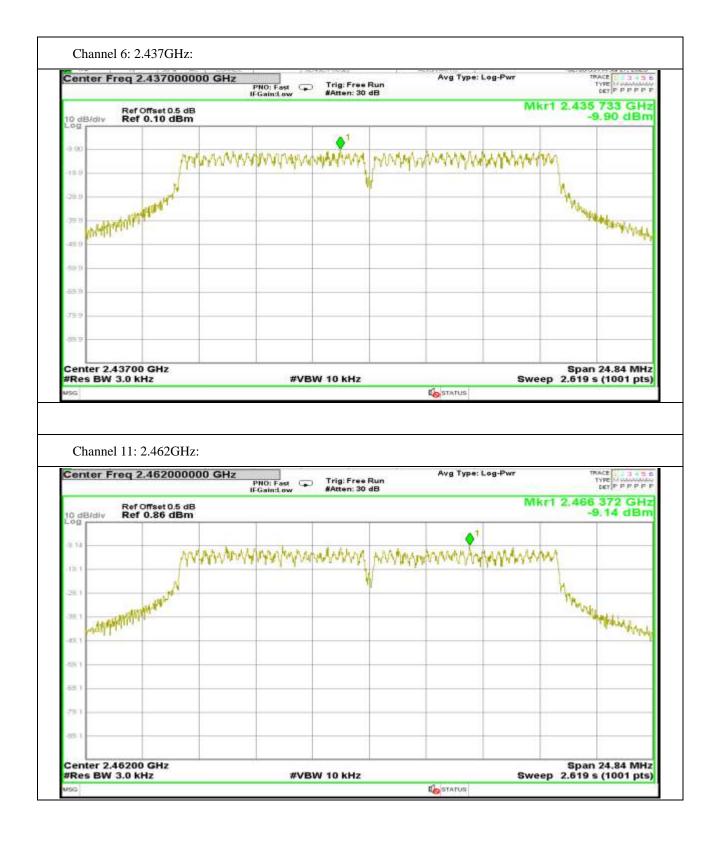






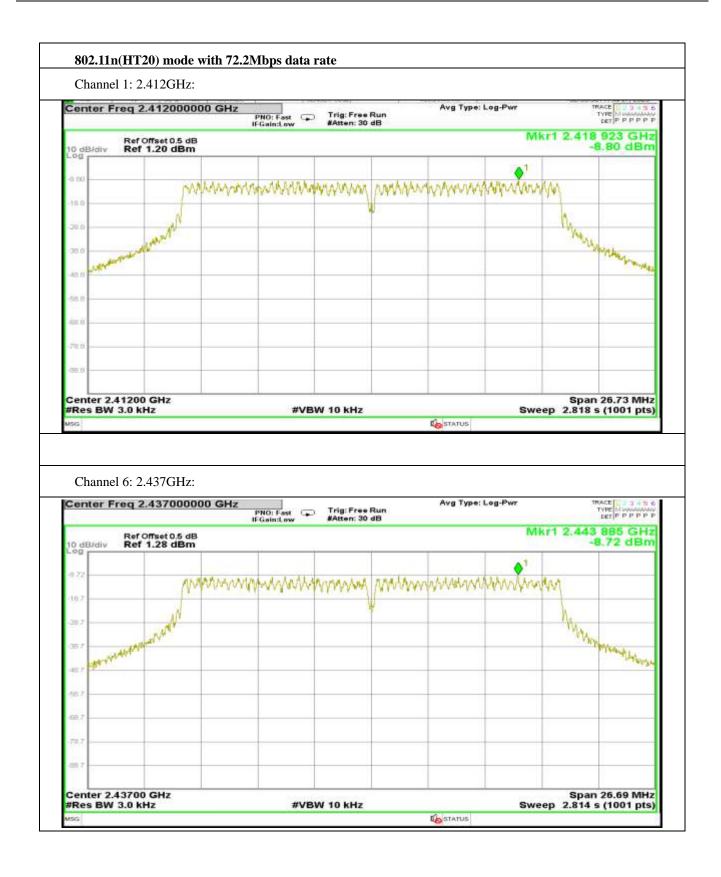








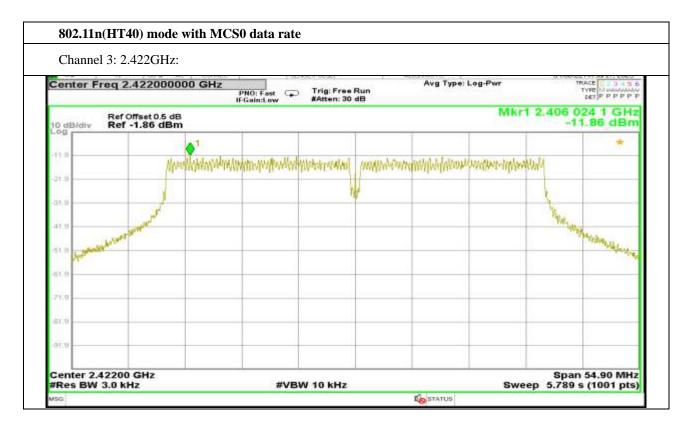






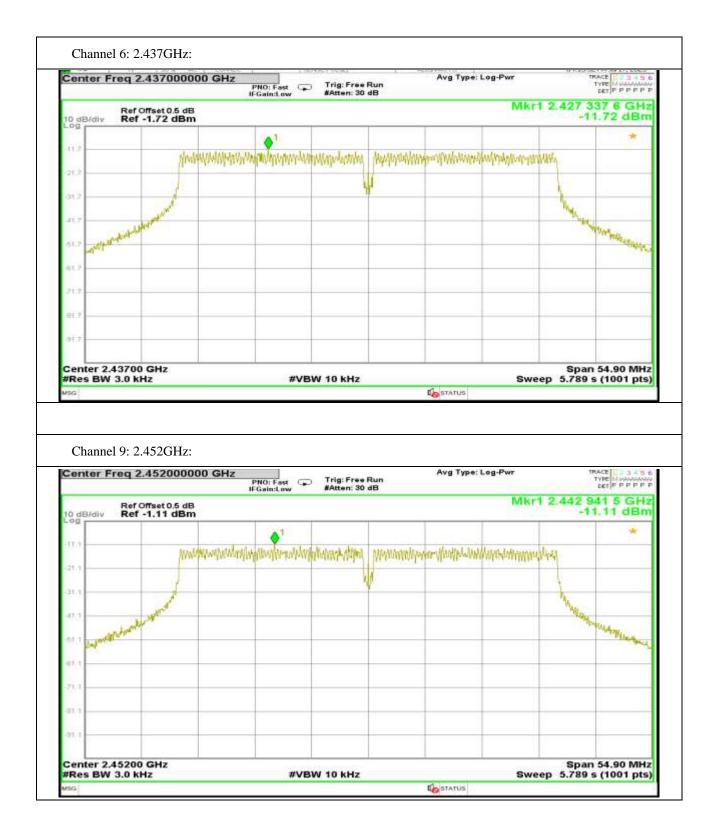






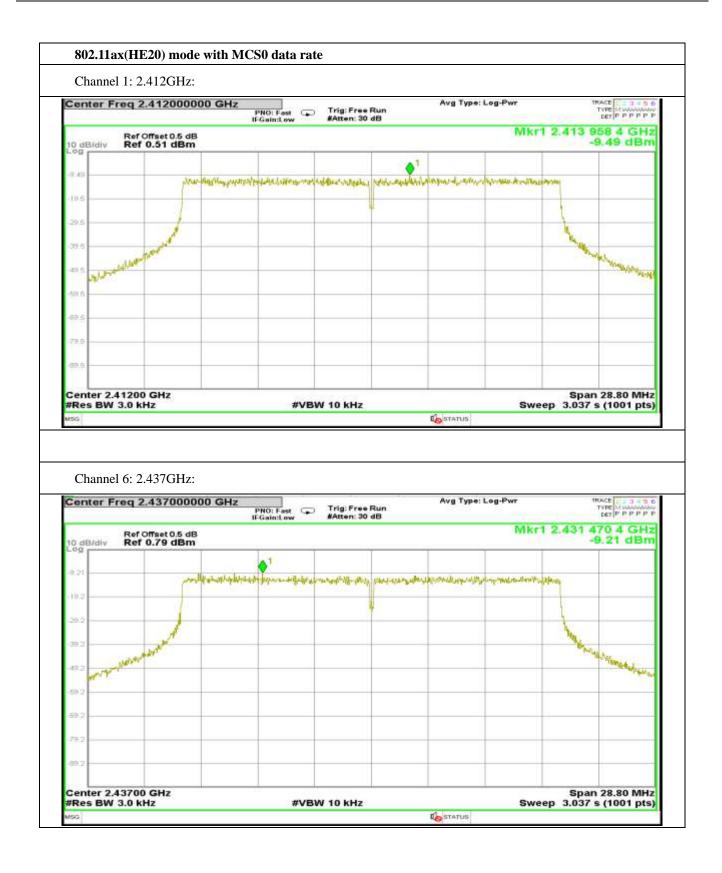














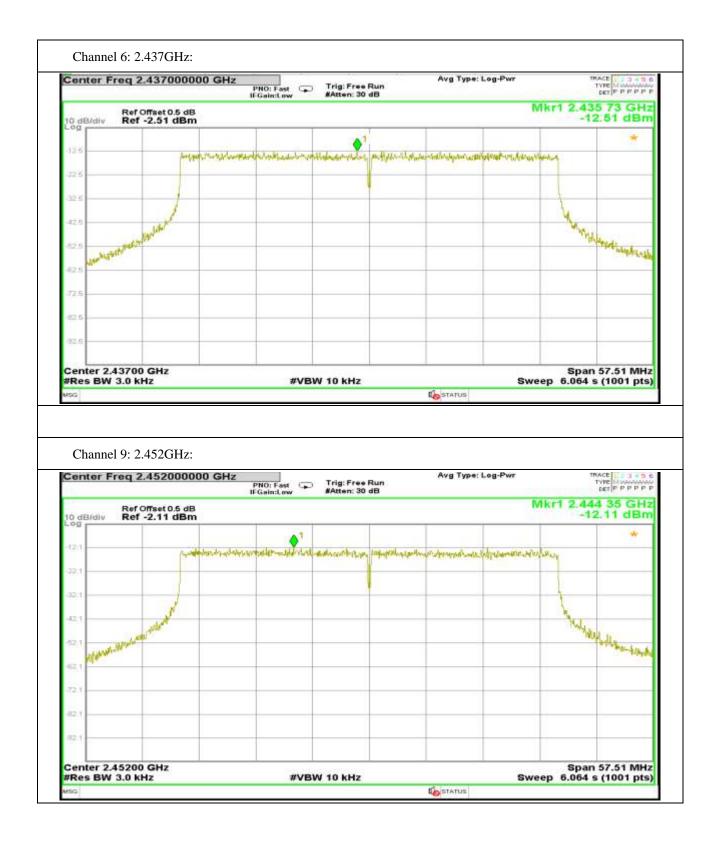








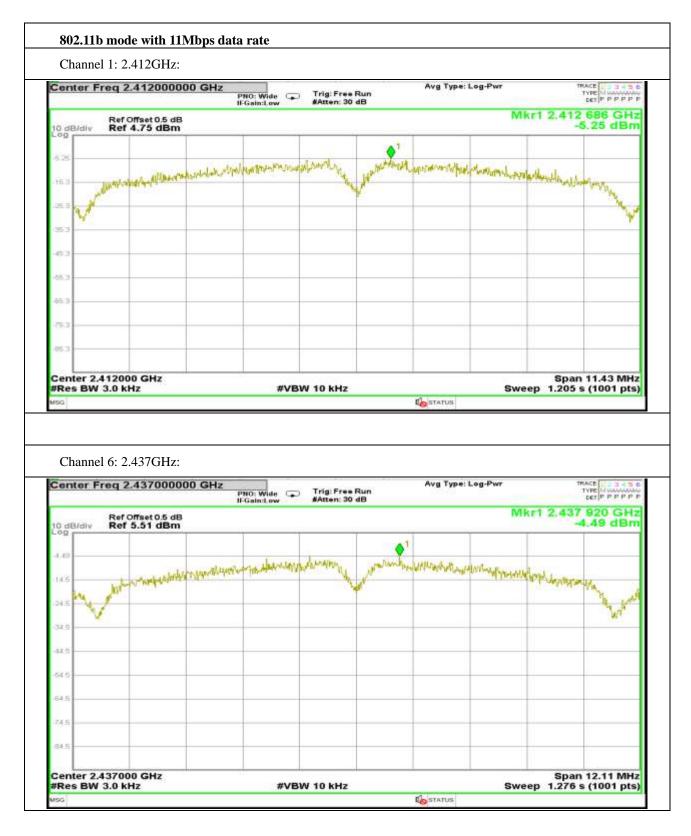






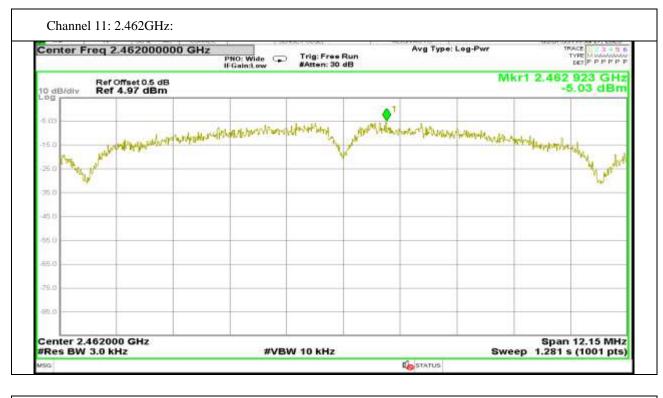


Antenna 3





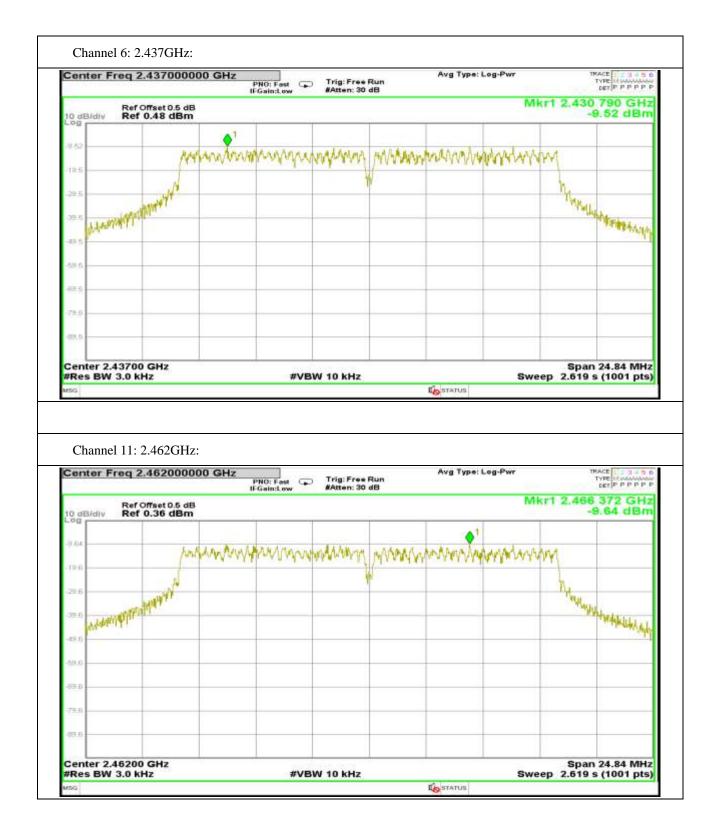






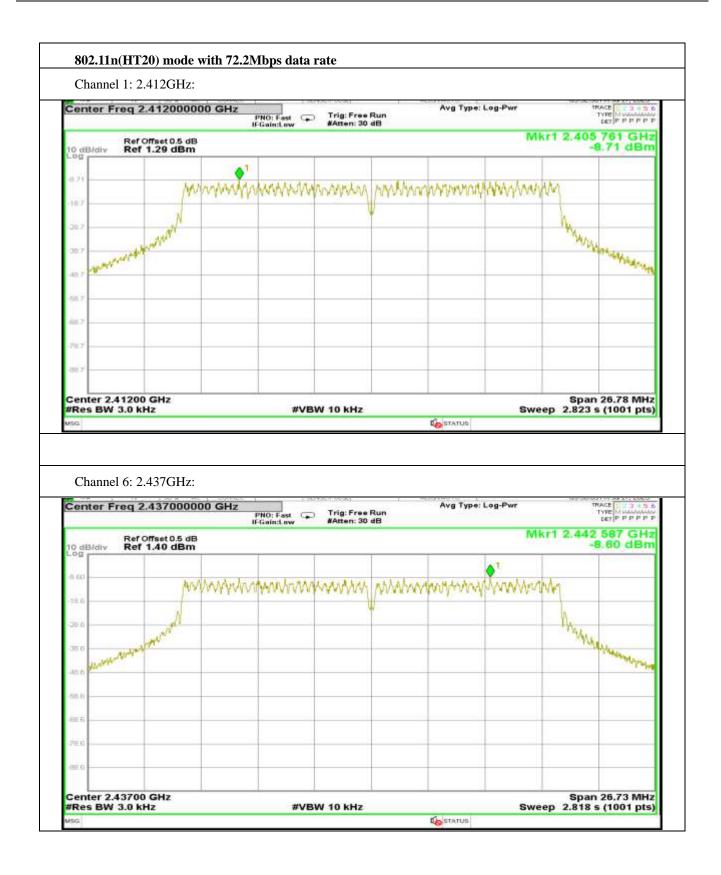






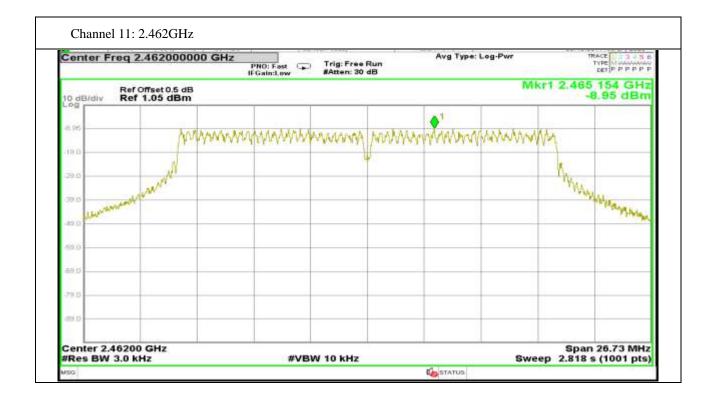


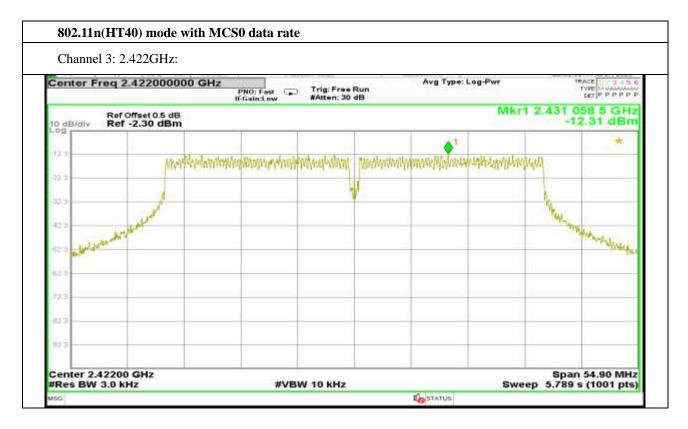






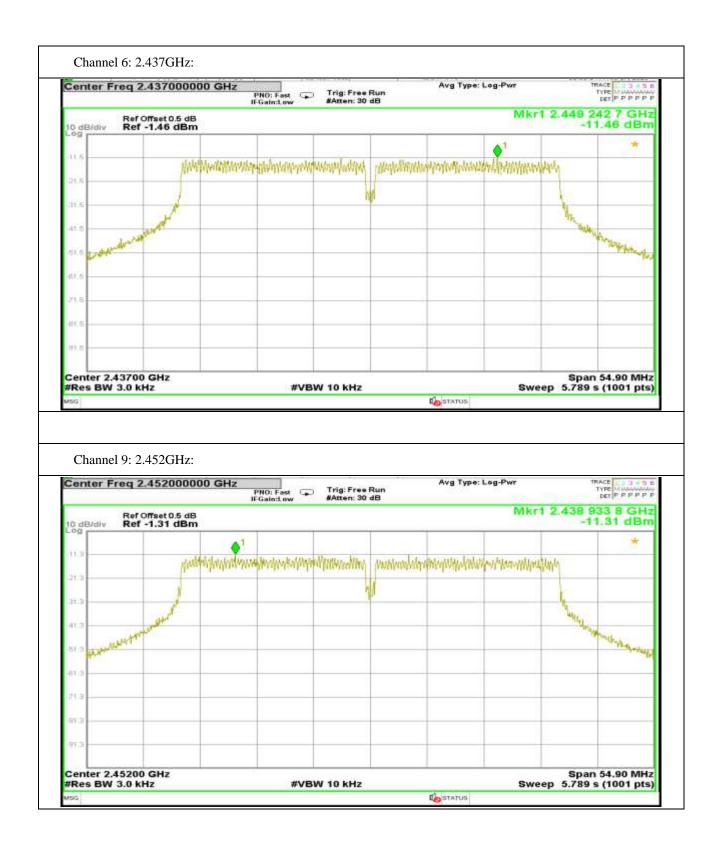






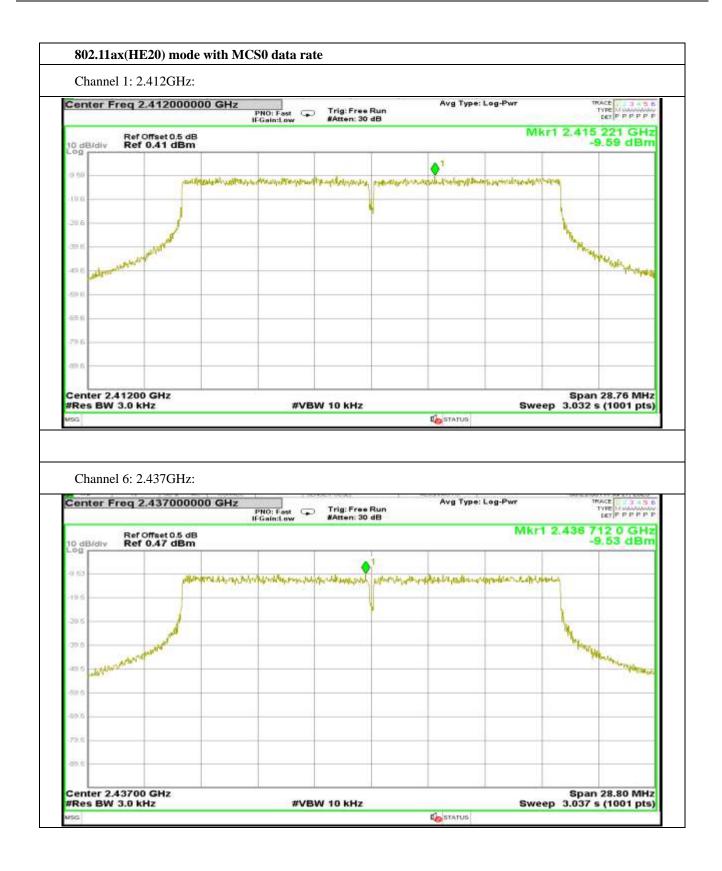














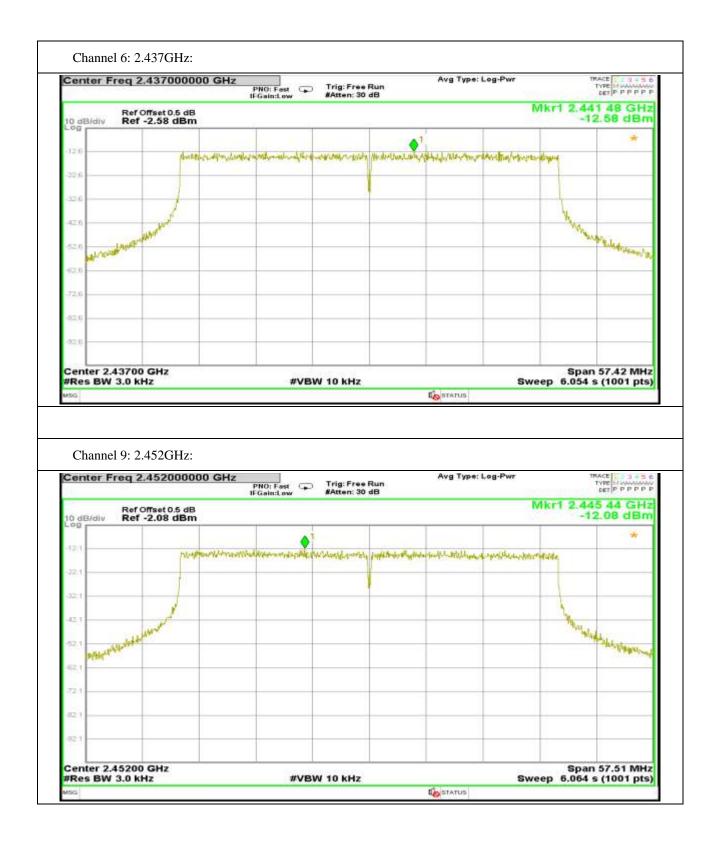










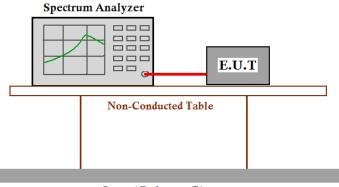






7.8 Band Edges Requirement

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:

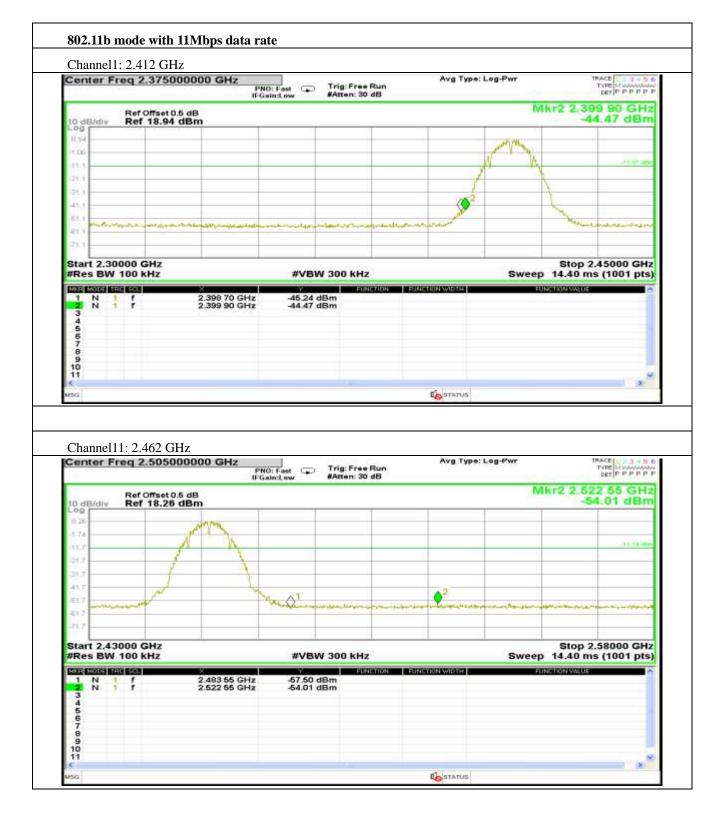
Compare with the output power of the lowest frequency, the Lower Edges attenuated more than 20dB

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



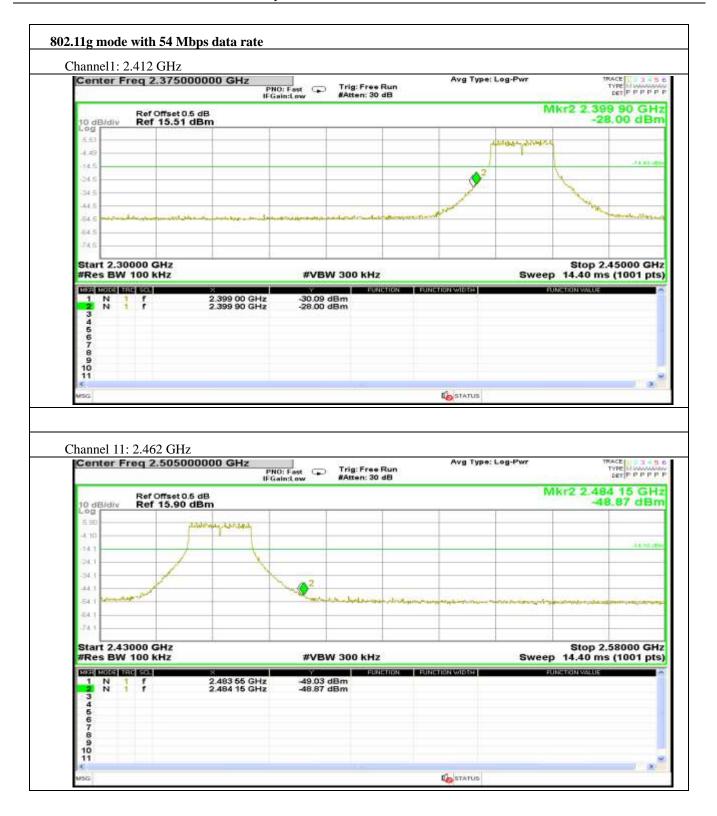


Antenna 0:



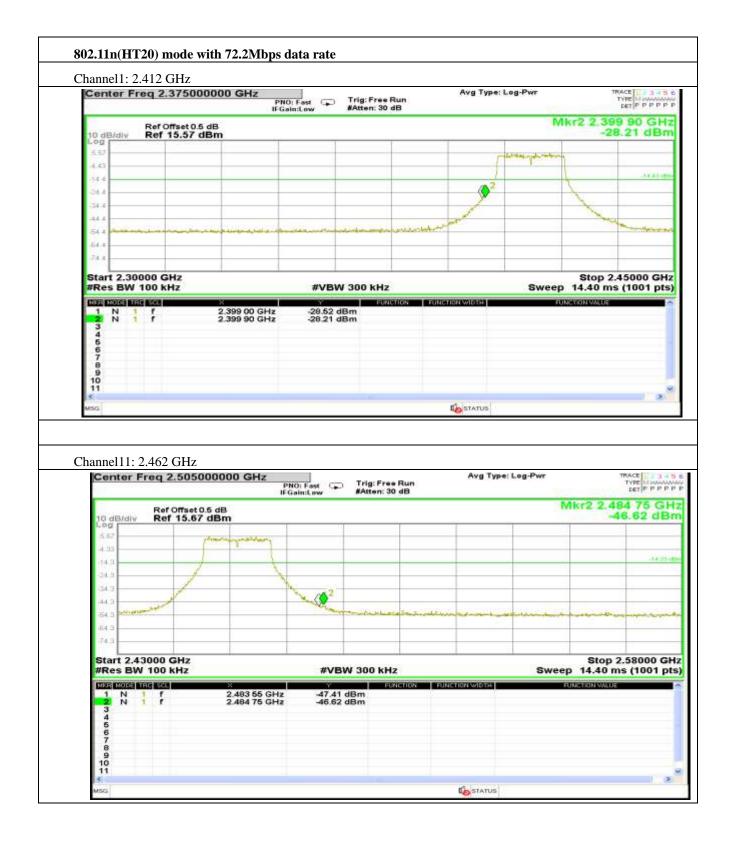






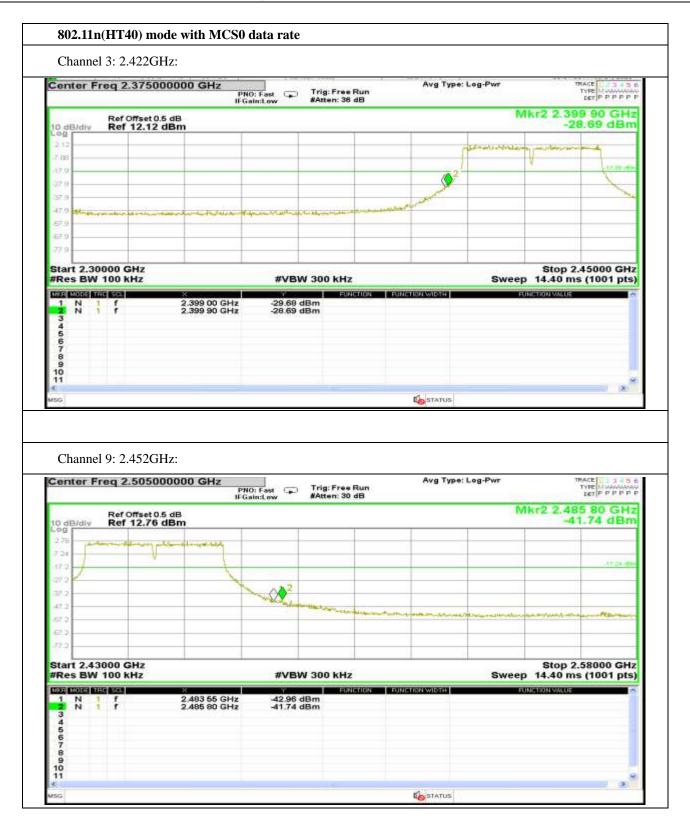






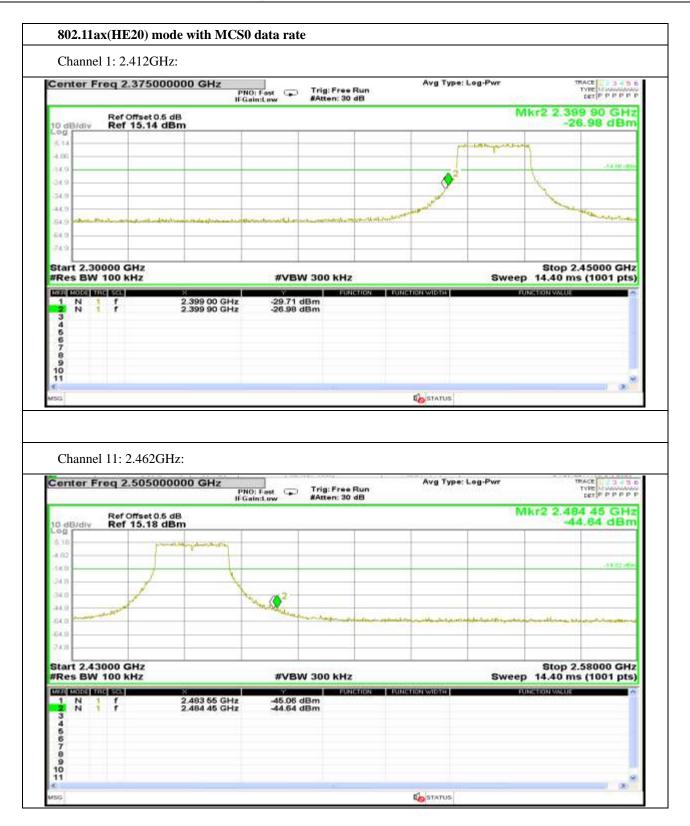






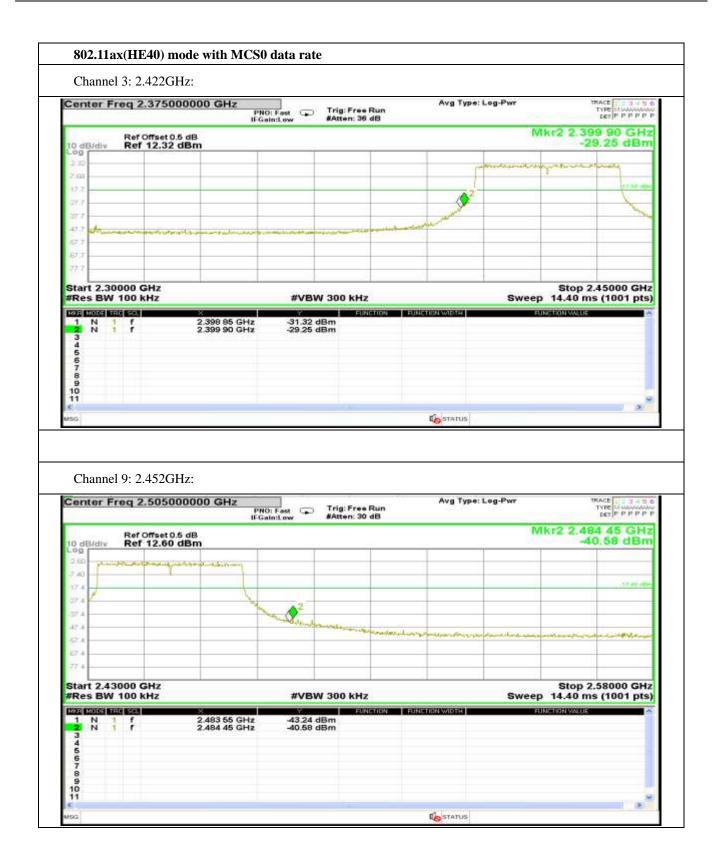








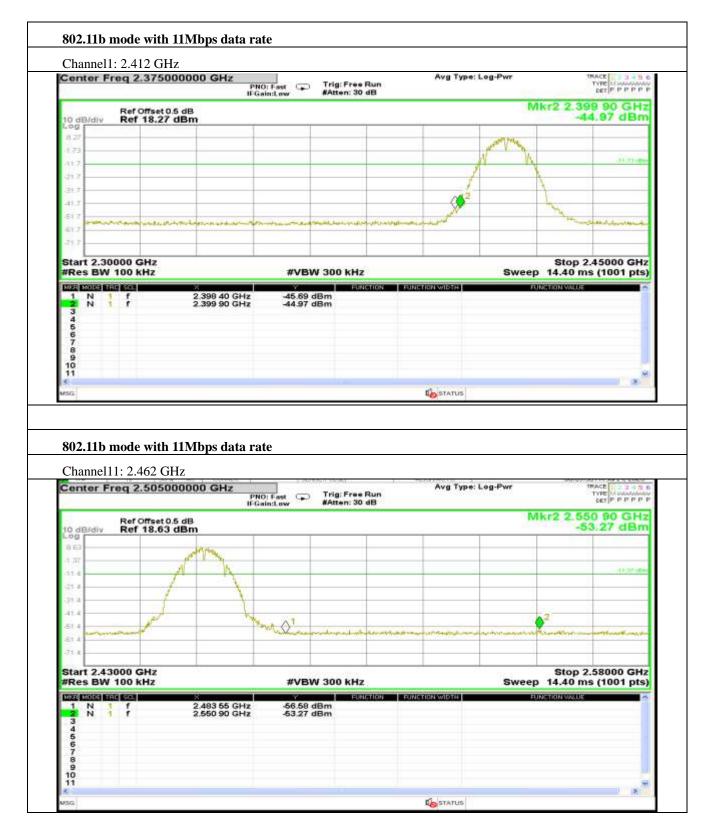






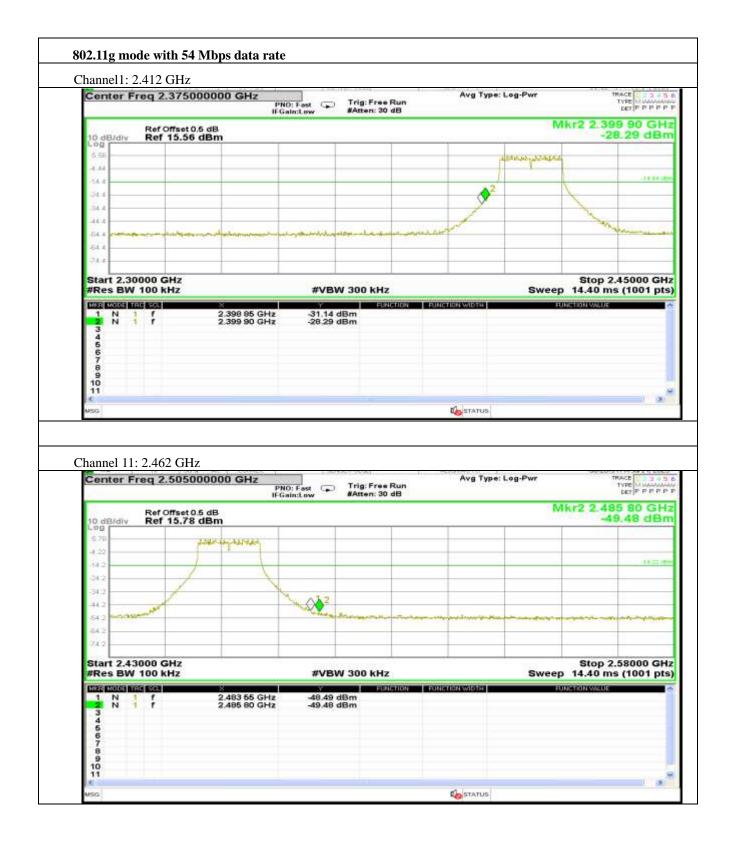


Antenna 1:



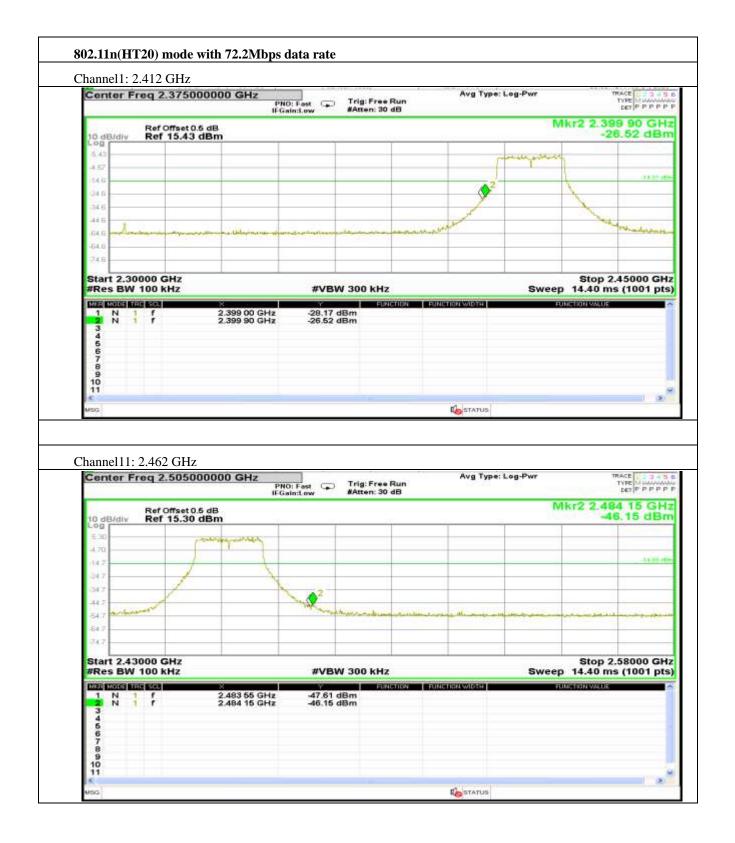












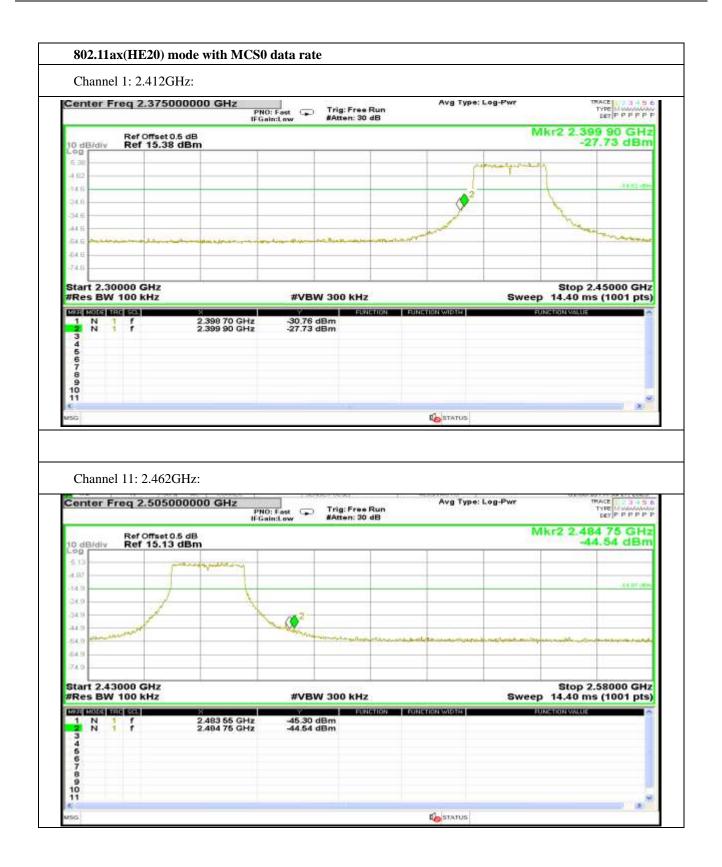






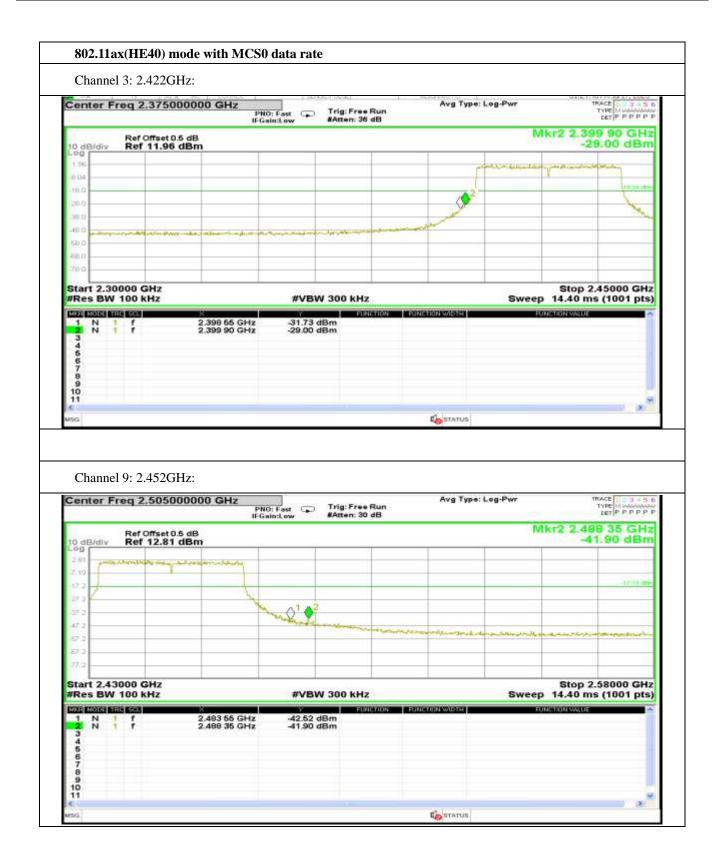








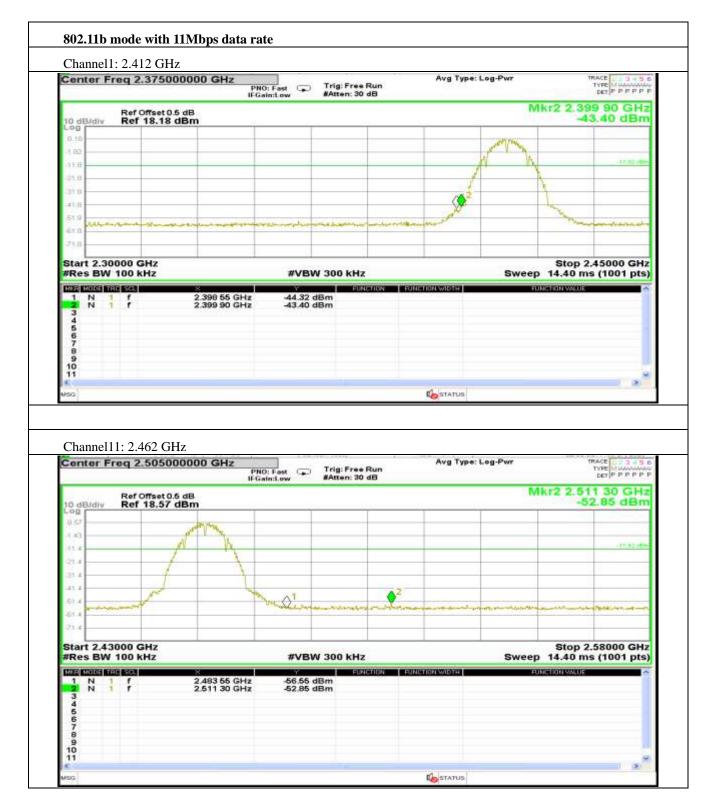






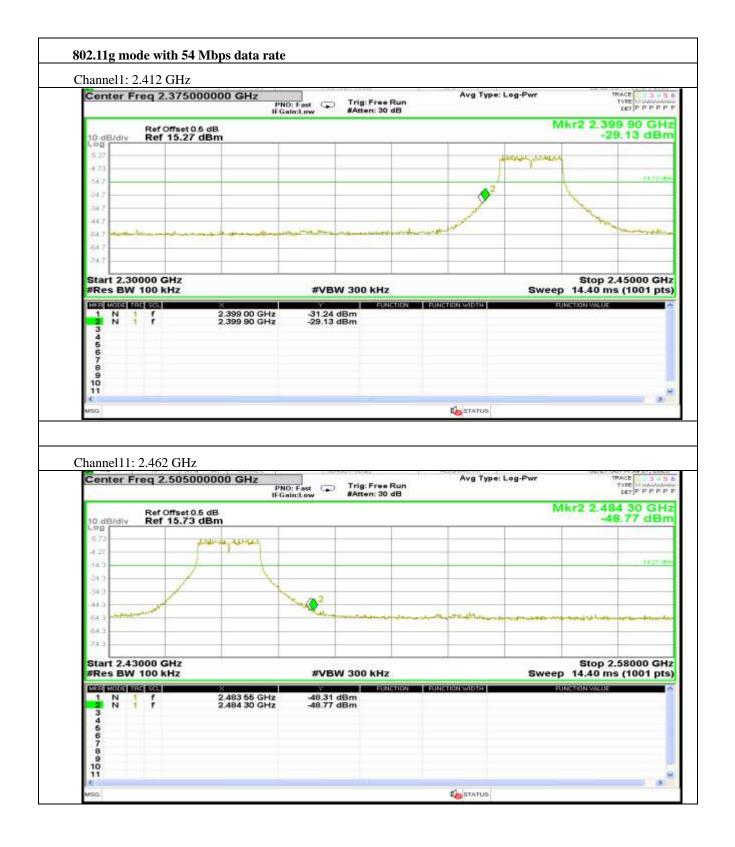


Antenna 2:



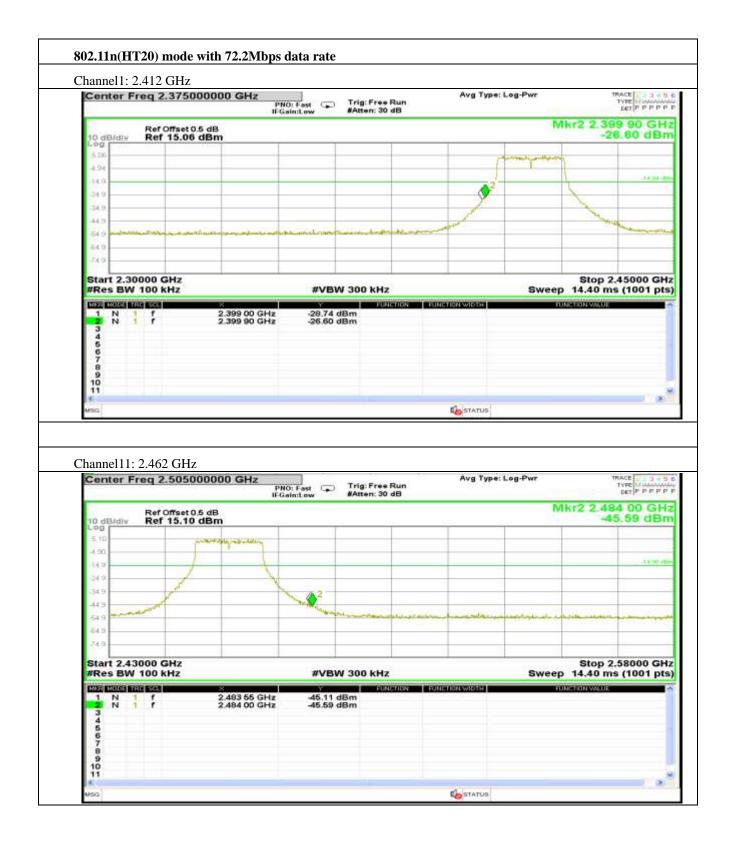












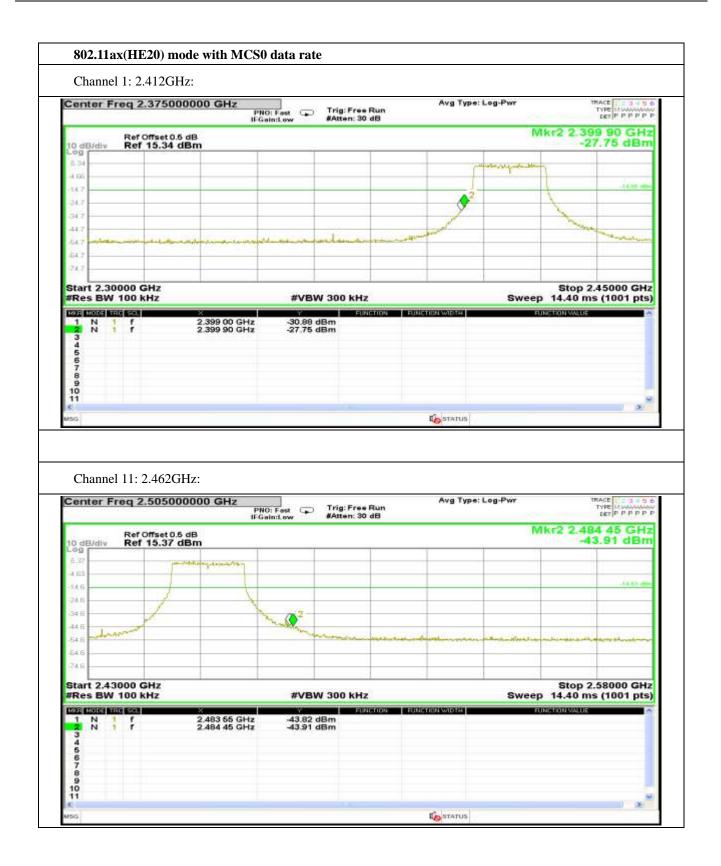






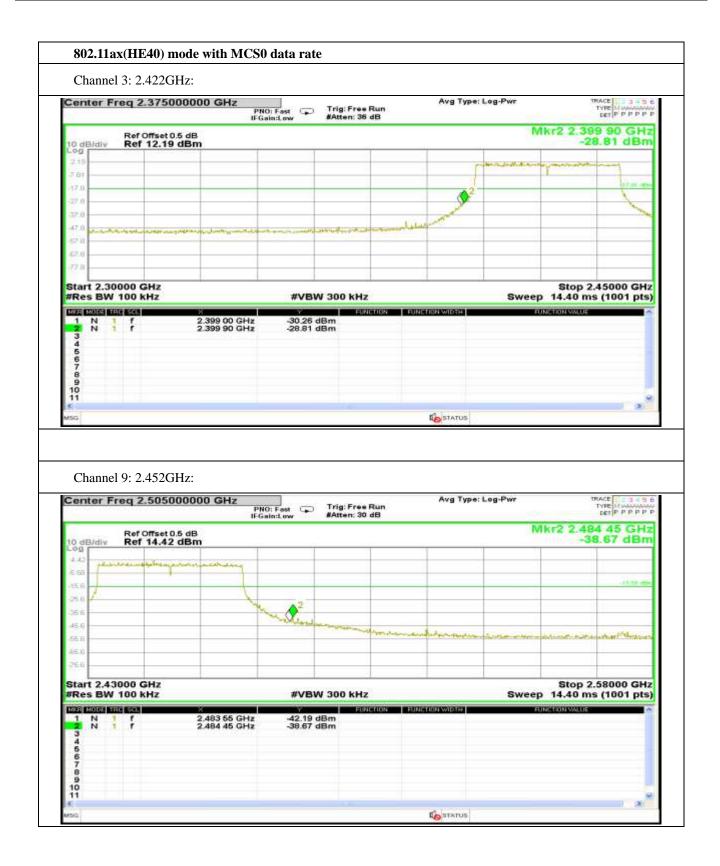








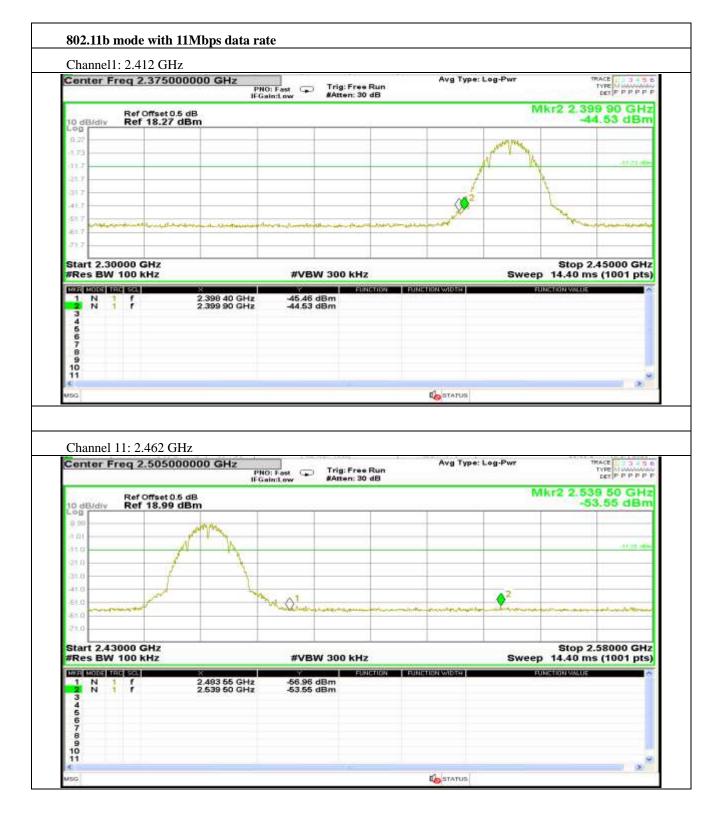






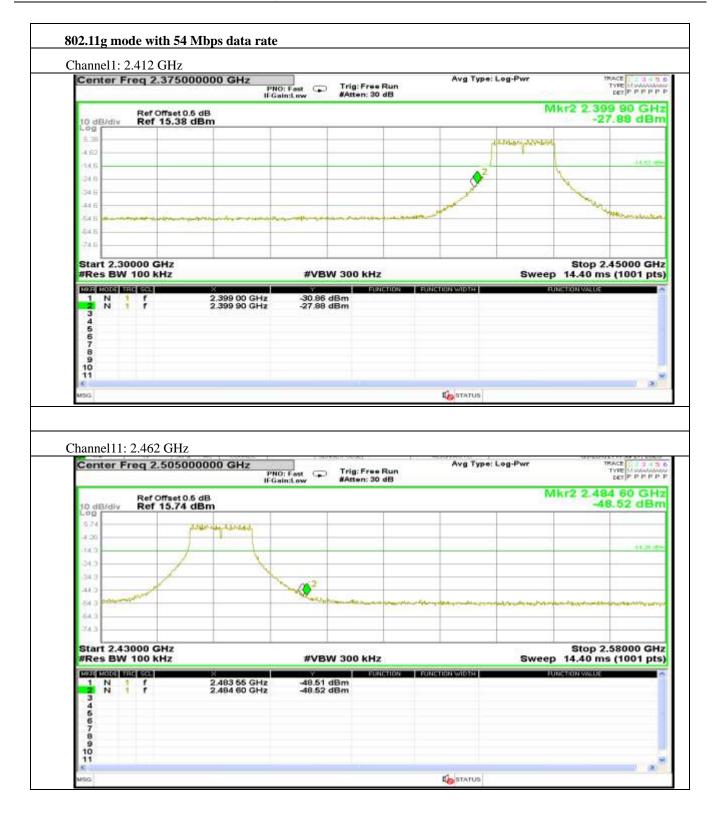


Antenna 3:



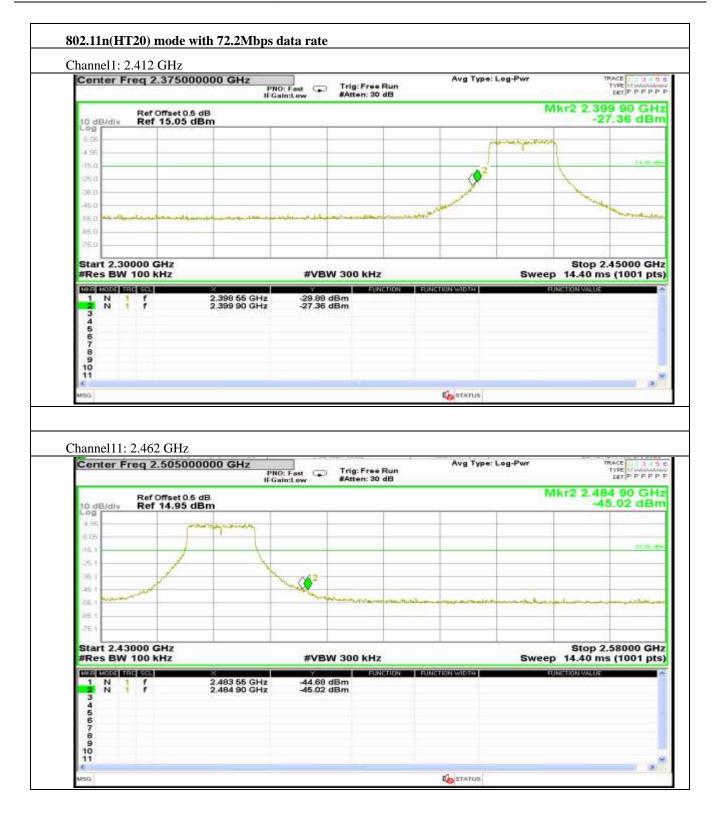






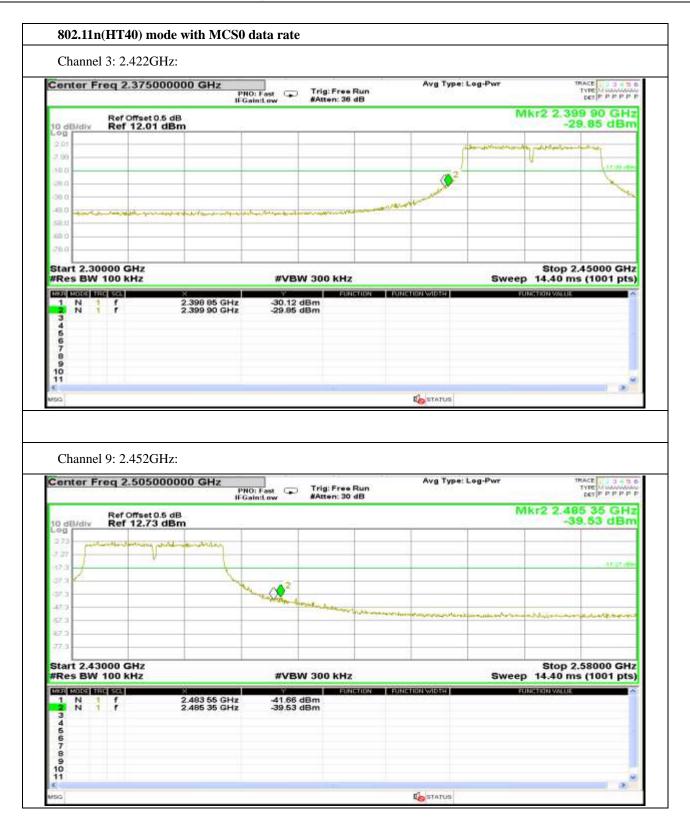






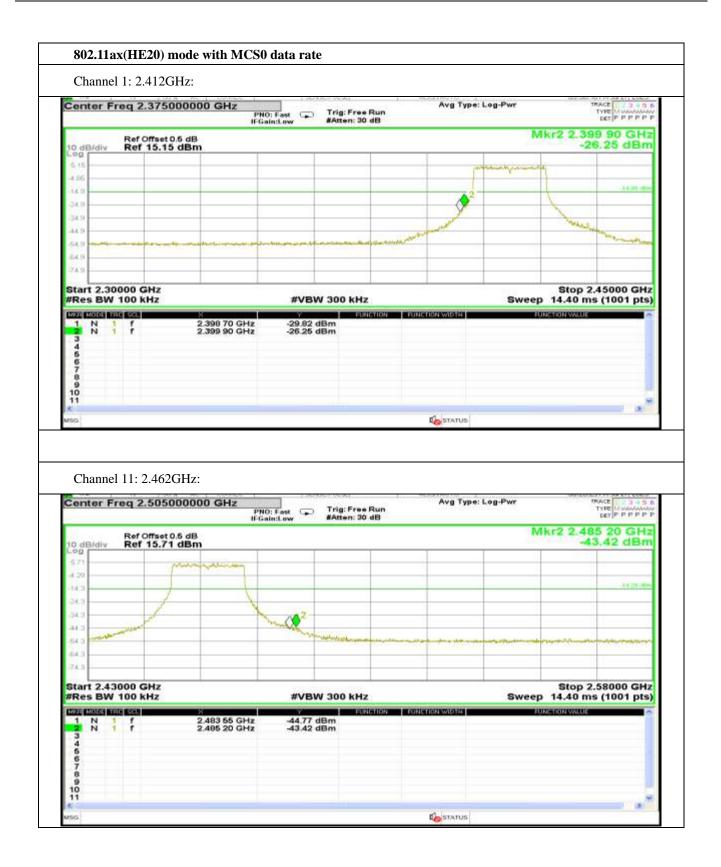






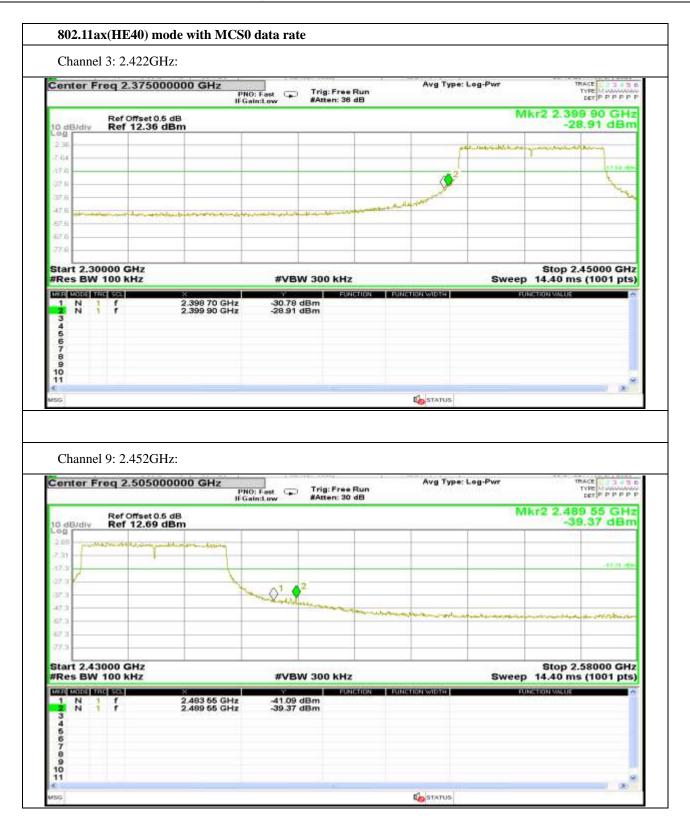












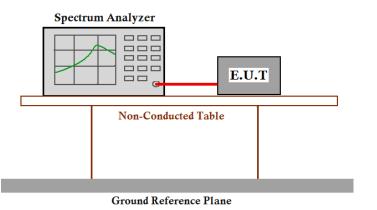




7.9 Conducted Spurious Emissions

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:

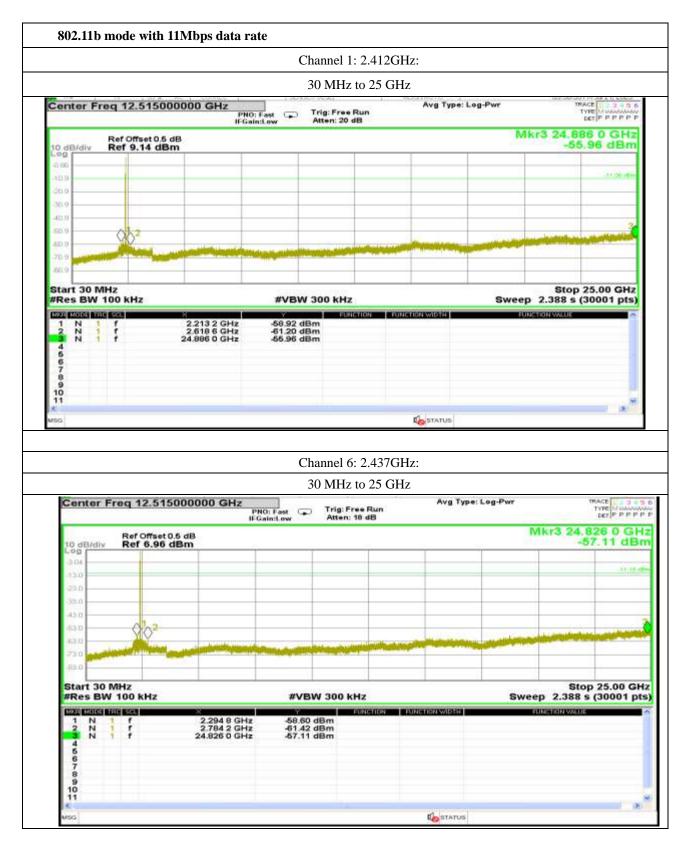
- 1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum analyzer or power meter.
- 2. Set the spectrum analyzer: RBW=100 KHz, VBW = 300KHz. Sweep = auto; Detector Function = Peak. Trace = Max Hold, Scan up through 10th harmonic.
- 3. Measure the Conducted 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:

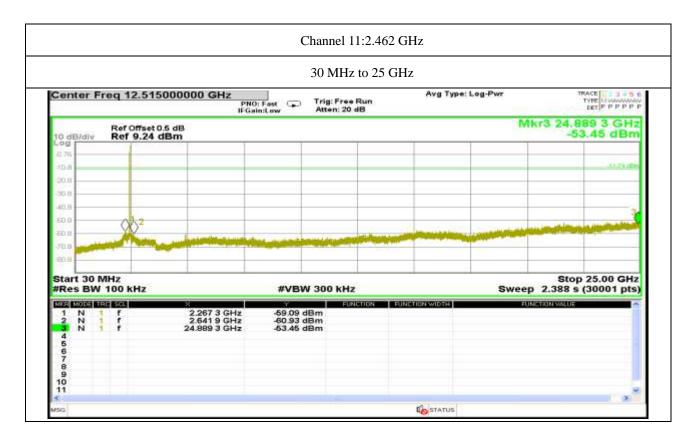
Antenna 0:



Page | 194





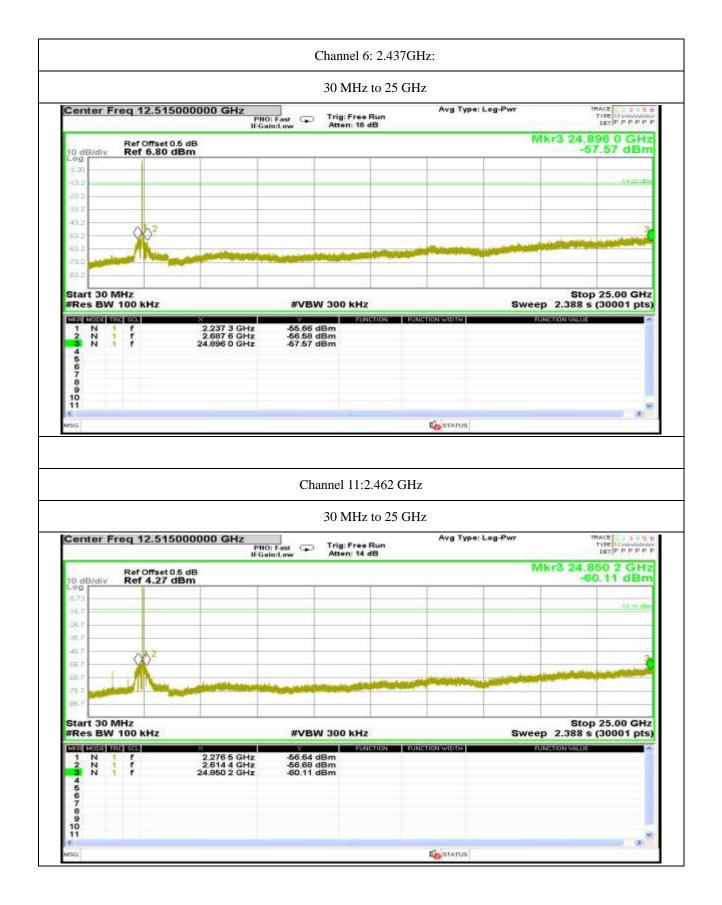


		Channel	l 1: 2.412GHz:		
		30 MH	Hz to 25 GHz		
Center Freq 12.51	PNO	: Fast 🕞 Trig: Fr n:Low Atten: 1	ee Run 16 dB	Avg Type: Log-Pwr	TRACE
Ref Offset				M	kr3 24.776 1 GHz -59.73 dBm
4.00					-14.42 (25)
-34.0 -34.0 -54.0 -64.0					
-74.0					
Start 30 MHz #Res BW 100 kHz		#VBW 300 ki	Hz	Sweet	Stop 25.00 GHz 2.388 s (30001 pts)
MOR More THE SC. 1 N 1 F 2 N 1 F 3 N 1 F 5 6 7 8 9 10	2 289 8 GHz 2.687 6 GHz 24.776 1 GHz	-53.39 dBm -55.35 dBm -59.73 dBm	FUNCTION FUNCTION	NWIDTH FU	Nelton MALUE

Page | 195



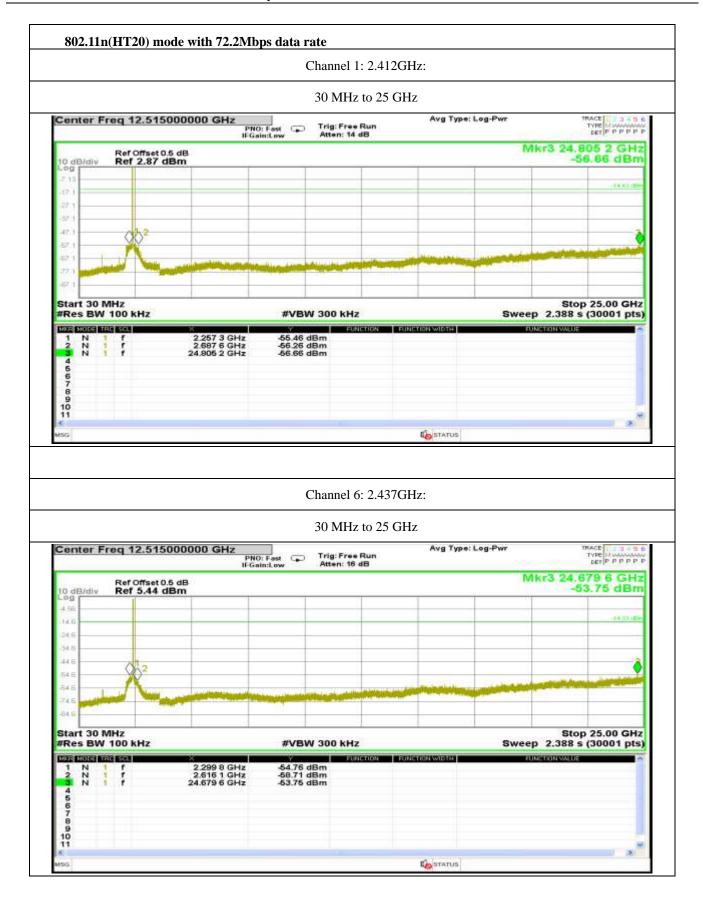




Page | 196



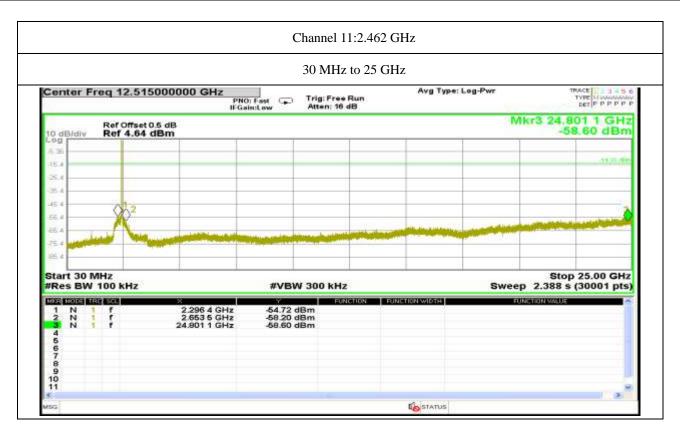


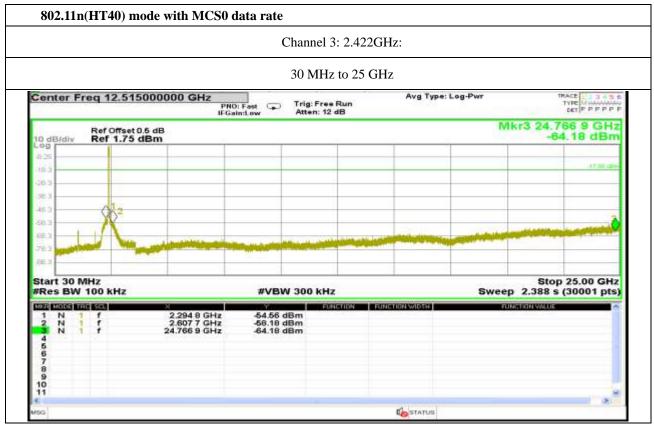


Page | 197





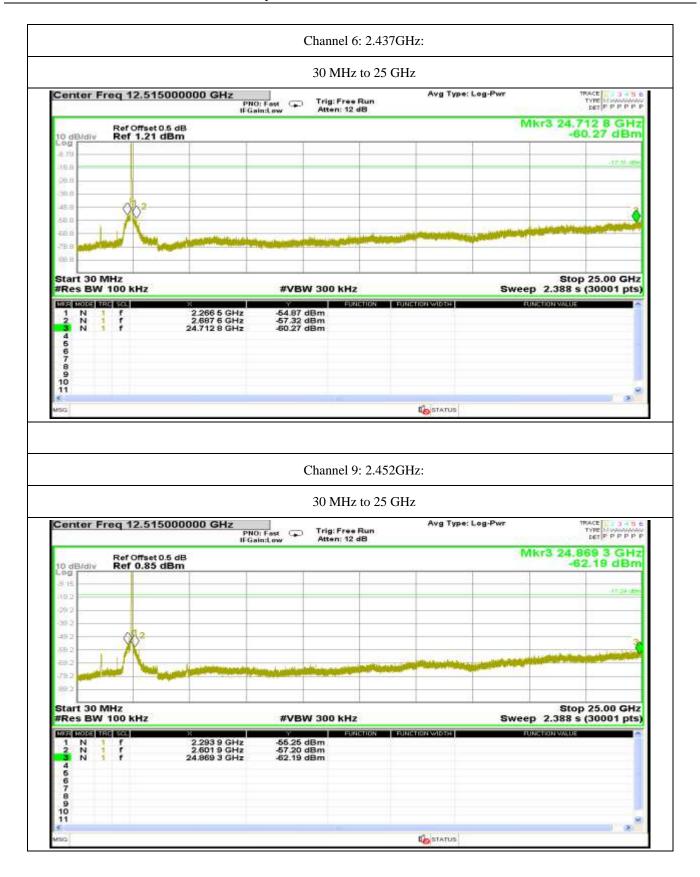




Page | 198

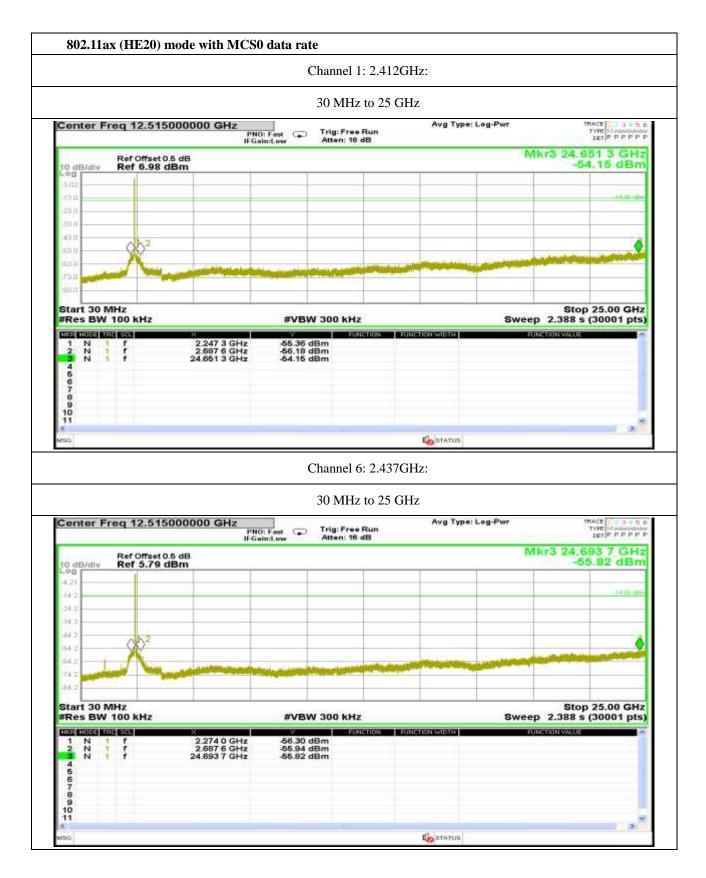












Page | 200





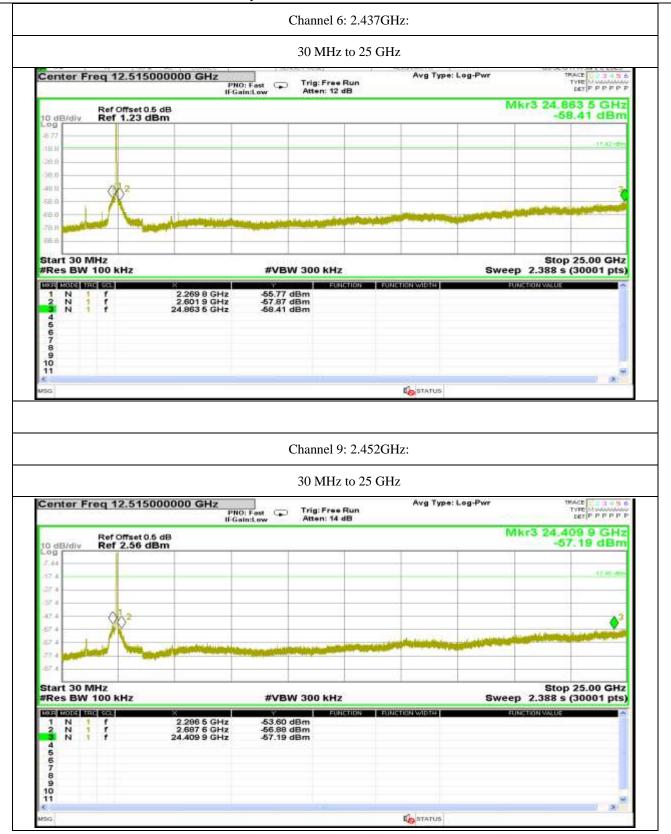


		Channel	3: 2.422GHz:		
		30 MH	z to 25 GHz		
Center Freq 12.515	PNO	Fast Trig: Fre	Avg Type: 4 dB	Log-Pwr	TYPE I A S I
Ref Offset 0	15 dB 1Bm				869 3 GHz 60.12 dBm
7.00					17.88.09
27.0					-
47.0 002					3
20 1			and the second second second	Constitution of the local division of the	Constant of the local division of the local
-67.0					
Start 30 MHz			-		p 25.00 GHz
#Res BW 100 kHz	× 1	#VBW 300 kH	12 EXEMPTION REPORTED WIDTH	Sweep 2.388	and the second se
1 N 1 f 2 N 1 f 3 N 1 f 4 5 6 7	2.269 8 GHz 2.687 6 GHz 24.869 3 GHz	-54.10 dBm -57.23 dBm -60.12 dBm			
8 9 10 11					

Page | 201



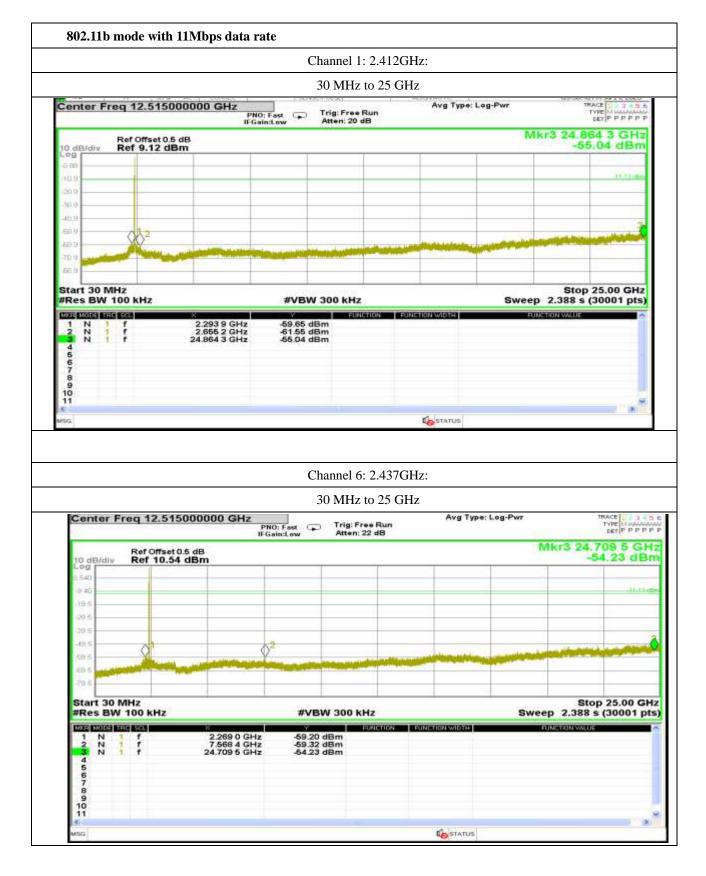








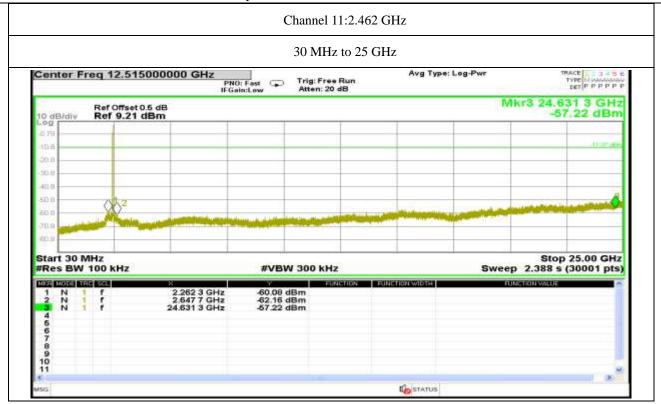
Antenna 1:



Page | 203





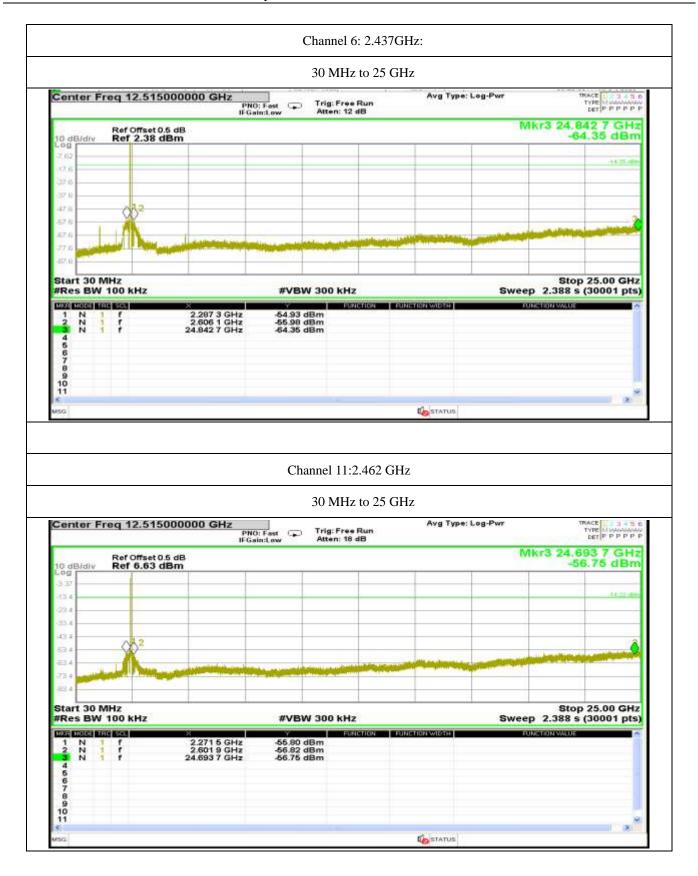


		Channel	1: 2.412GHz:		
		30 MH	Iz to 25 GHz		
Center Freq 12.515	PNO	Fast Trig: Fre	e Run	1 Type: Log-Pwr	TYPE MUMAULAN
Ref Offset 0	.6 dB JBm	11		Mkr	3 24.786 9 GHz -58.84 dBm
531 163					11.11.00
-25.3					
45.3					
76.3	No. of Concession, Name	No. of Concession, Name	and the design of the design o		
esa Start 30 MHz					Stop 25.00 GHz
#Res BW 100 kHz		#VBW 300 kH	łz	Sweep	2.388 s (30001 pts)
MER MORE THE CEL 1 N 1 F 2 N 1 F 3 N 1 F 5 5 6 7	2.290 6 GHz 2.610 2 GHz 24.786 9 GHz	56.52 dBm -58.92 dBm -58.84 dBm	UNCTION FUNCTION WID	FUNCT	ON WALDE
7 8 9 10 11					

Page | 204

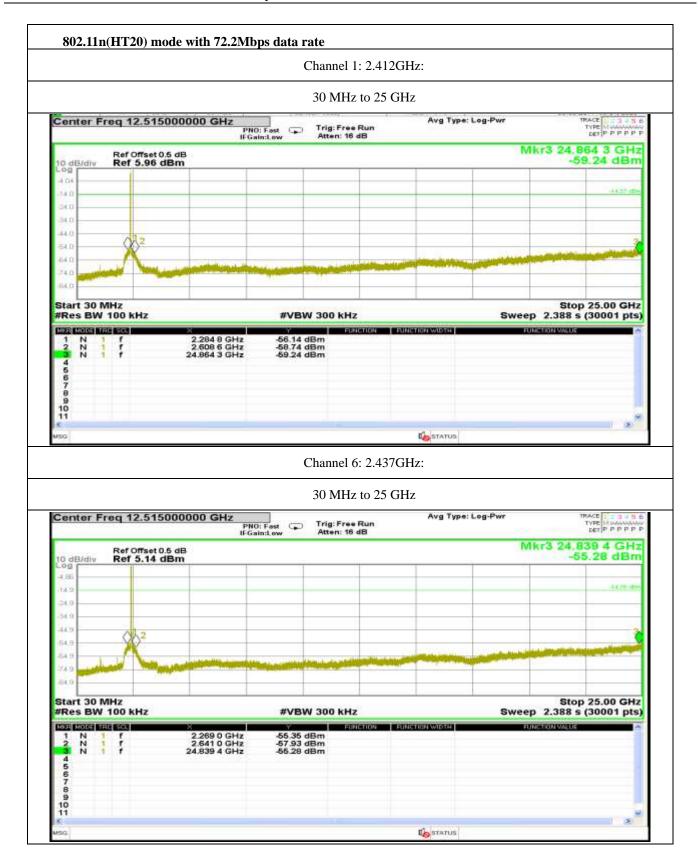






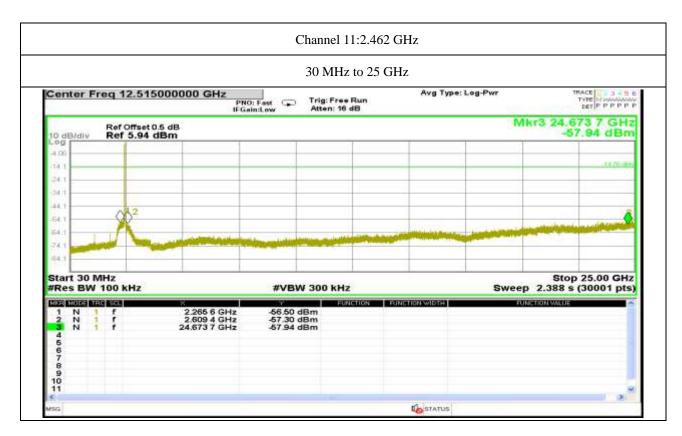










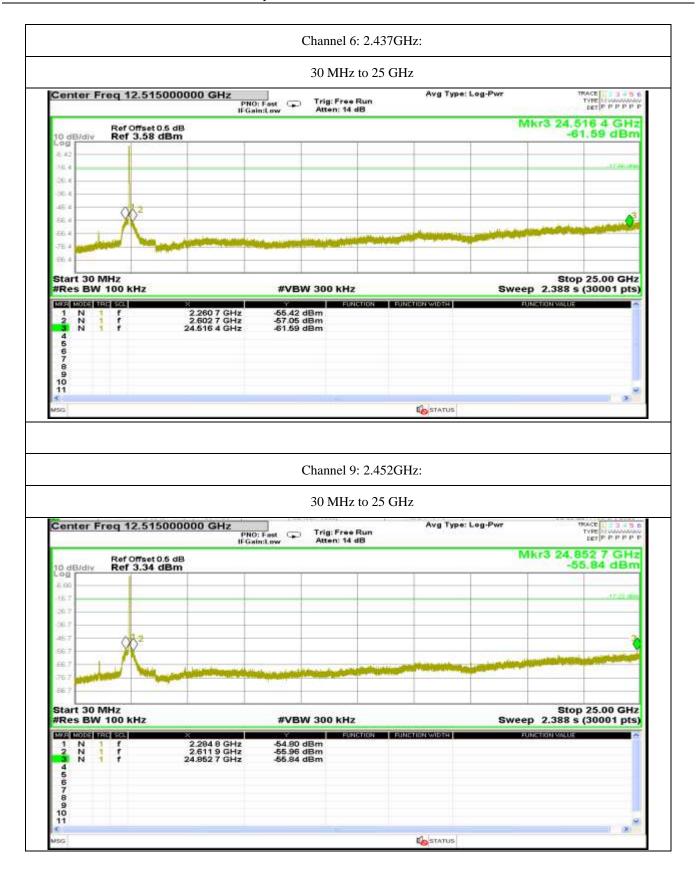


		Channel	3: 2.422GHz:		
		30 MH	z to 25 GHz		
Center Freq 12.51500	PNO	: Fast 😱 Trig: Fre n:Low Atten: 1	e Run	g Type: Log-Pwr	TYPE DET P P P P P
Ref Offset 0.5 dB	dB m			Mk	r3 24.863 5 GHz -58.42 dBm
-8.95 -10.0 -29.0					-17.01.00
-39.0					1
29.0		Non-second Product of the		and the second	
49 0 Start 30 MHz #Res BW 100 kHz		#VBW 300 kH	iz	Sweep	Stop 25.00 GHz 2.388 s (30001 pts)
MARE MODE THE SCI 1 N 1 F 2 N 1 F 3 N 1 F 4 5 5 5	2.299 8 GHz 2.634 4 GHz 24.863 5 GHz	54.98 dBm -58.73 dBm -58.42 dBm	UNCTION FUNCTION WI	DEH FUN	
4 5 6 7 8 9 10					

Page | 207

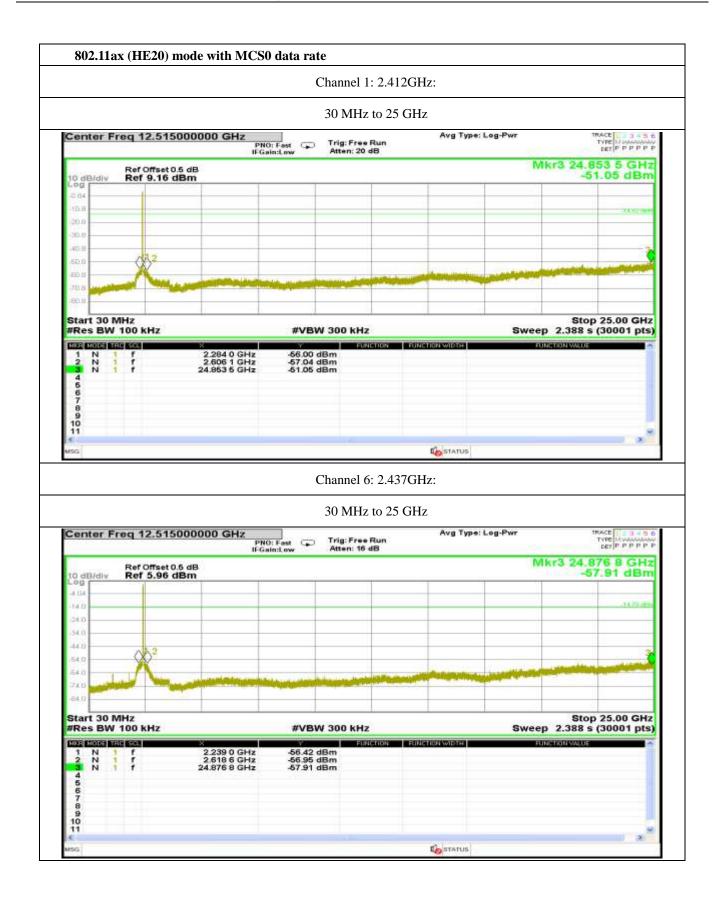








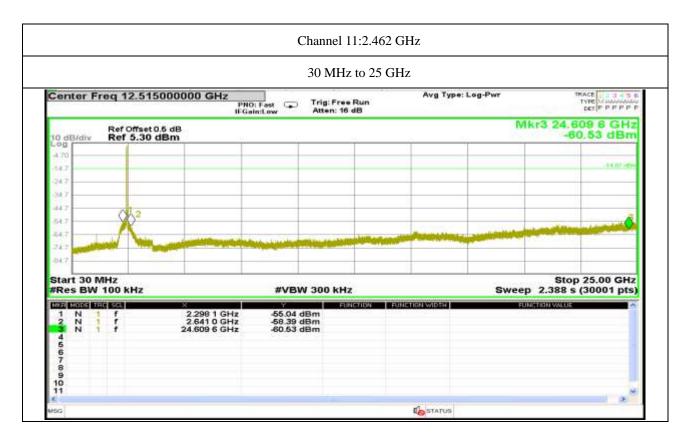




Page | 209





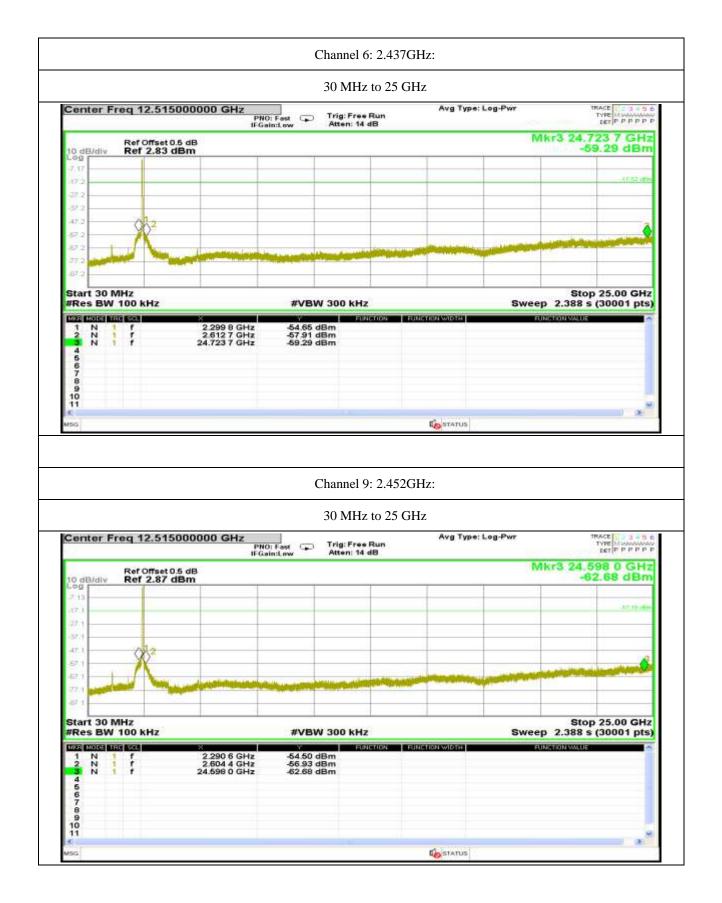


		Channel	3: 2.422GHz:		
		30 MH	z to 25 GHz		
Center Freq 12.5	PNO	: Fast Trig: Fre	e Run	e: Log-Pwr	TYPE MUMANAN DET P P P P P
10 dB/div Ref 3.2	t0.5 dB 5 dBm			Mkr3 :	24.861 0 GHz -61.22 dBm
-E 75 -18 9 -26 8					1274.454
46.8 46.8					And the second second
-76.8 86.8 Start 30 MHz					Stop 25.00 GHz
#Res BW 100 kHz		#VBW 300 kH	z		88 s (30001 pts)
1 N 1 f 2 N 1 f 3 N 1 f 4 5 6 7 8 9	2.294 8 GHz 2.519 4 GHz 24.861 0 GHz	-54.60 dBm -58.05 dBm -61.22 dBm	RUNCTION FUNCTION WOTH	FUNCTION	ANTRE A

Page | 210





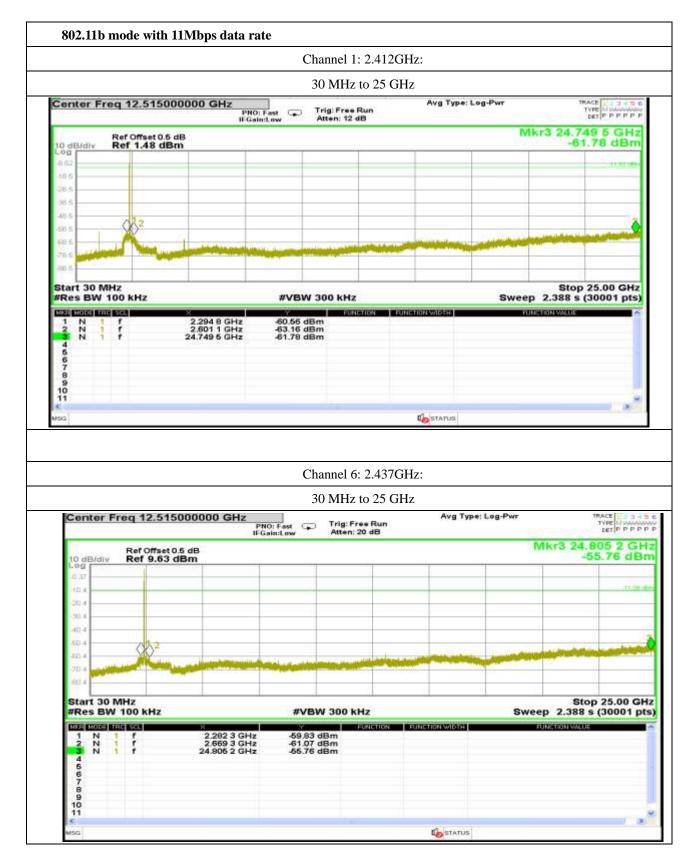


Page | 211





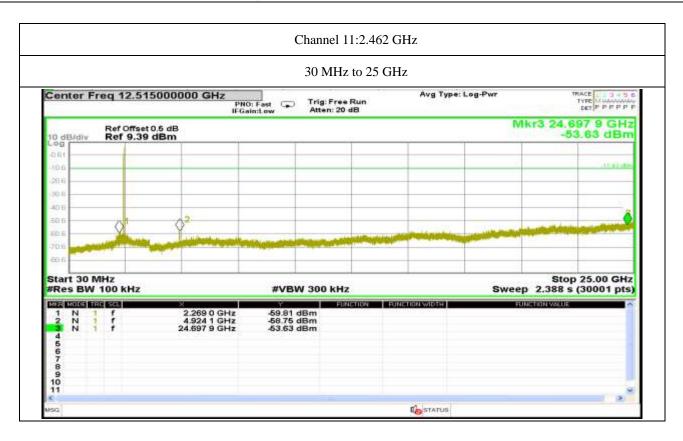
Antenna 2:



Page | 212





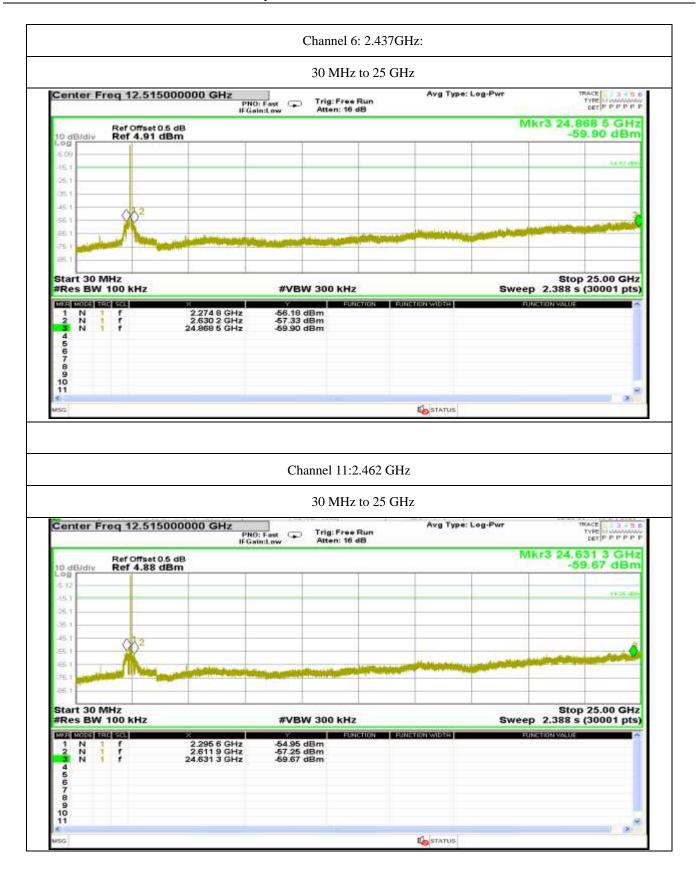


		Channel	1: 2.412GHz:		
		30 MH	z to 25 GHz		
Center Freq 12.515	PNO	Trig: Fre n:Low Atten: 1	e Run	pe: Log-Pwr	TYPE DET P P P P
Ref Offset 0				Mkr	24.694 5 GHz -61.93 dBm
2 07 -12 1 -37.1					-1.1 mil (1997)
371 471 871					
87 1 77 1		Manager Manager Manager Mark	and the second design of the		
Start 30 MHz #Res BW 100 kHz		#VBW 300 kH	Iz	Sweep 2	Stop 25.00 GHz .388 s (30001 pts)
MARE MODE THE SCI 1 N 1 F 2 N 1 F 3 N 1 F 4 5 6 7	2.297 3 GHz 2.616 9 GHz 24.694 5 GHz	-56.40 dBm -56.76 dBm -61.93 dBm	INCTION FUNCTION WIDTH	7004FF	N WELLE
7 8 9 10 11					

Page | 213



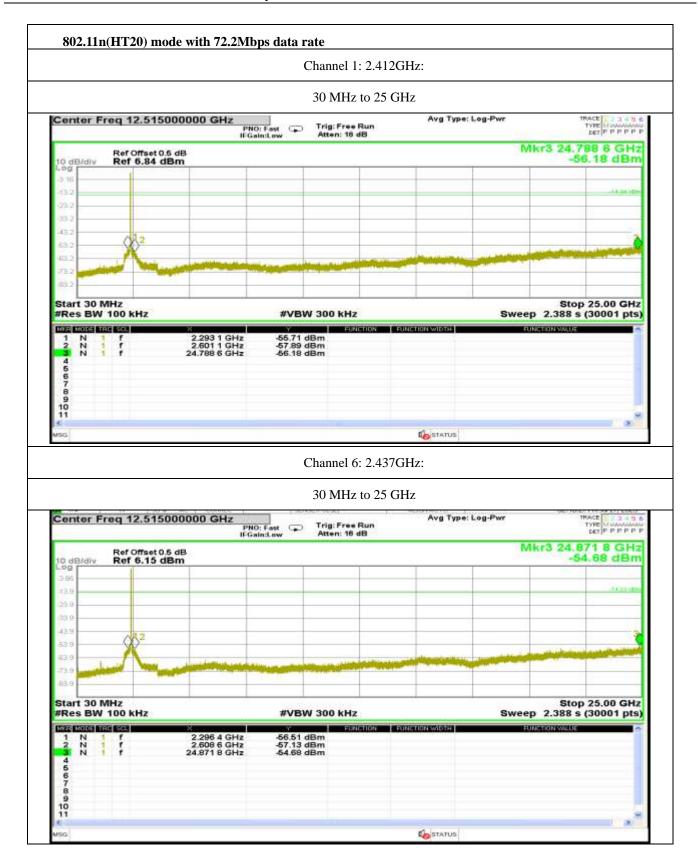




Page | 214

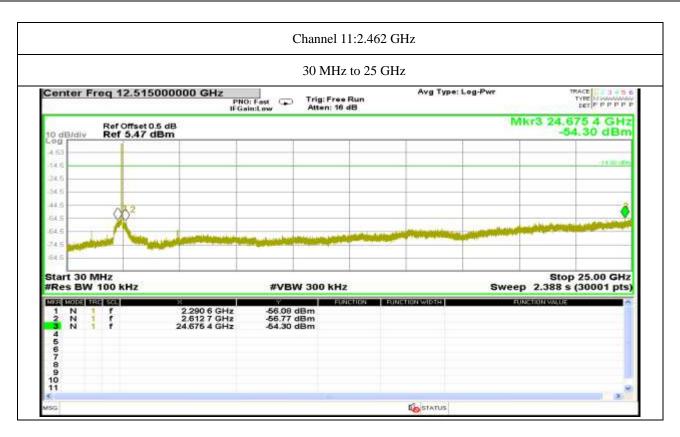


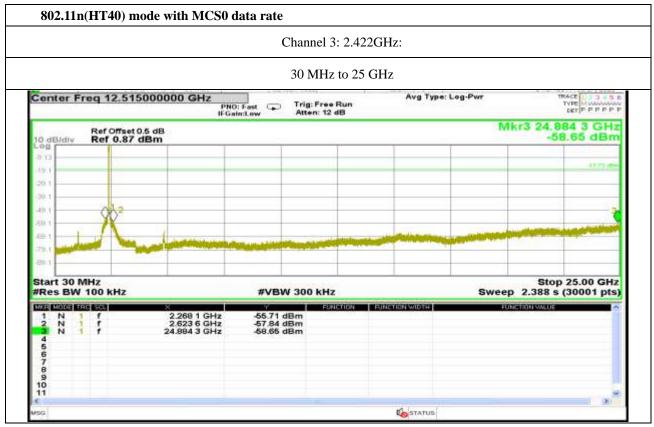








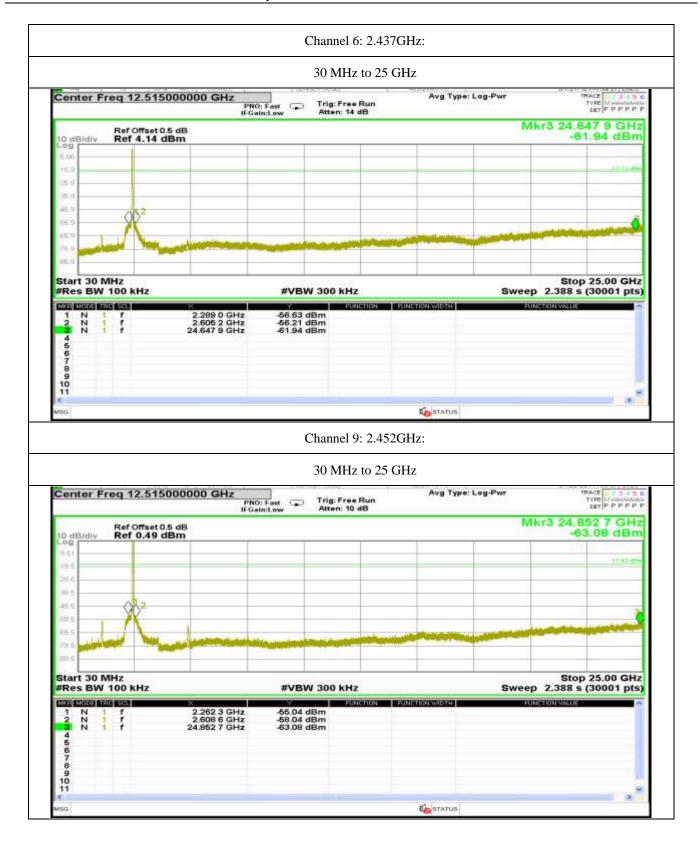




Page | 216

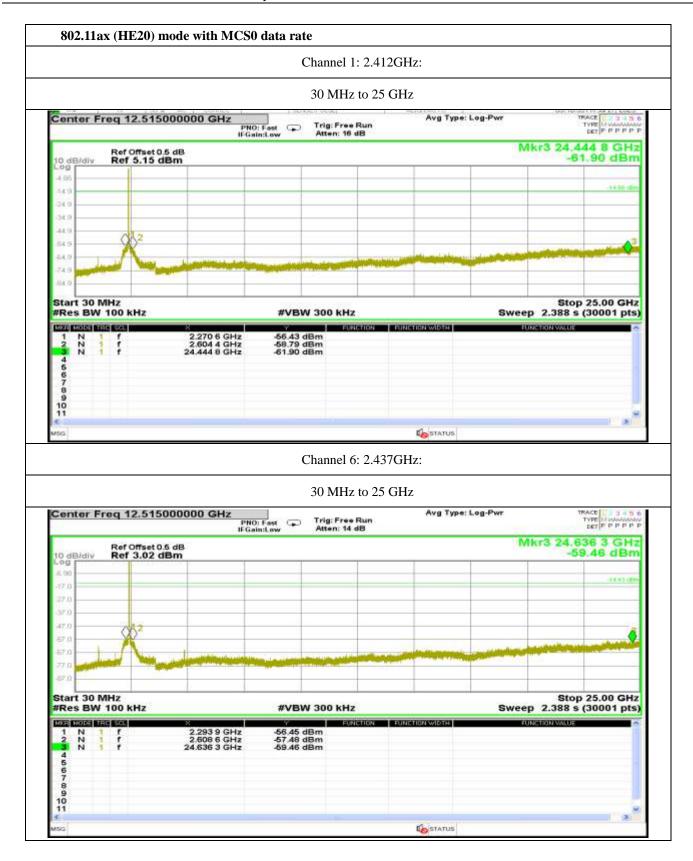








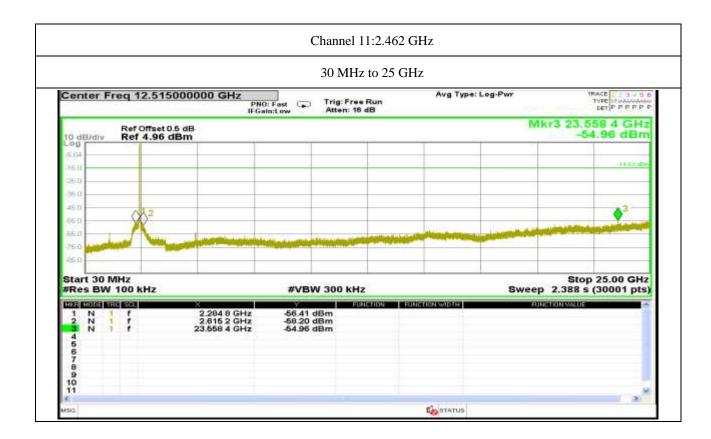




Page | 218







		Channe	el 3: 2.4220	SHz:		
		30 M	Hz to 25 G	Hz		
Center Freq 12.515	PNO	Fast 😱 Trig: F n:Low Atten	ree Run 12 dB	Avg Type: Log-Pv	Wr TI	
Ref Offset 0					Mkr3 24.7 -64	64 4 GHz 1.01 dBm
-8.61						-17.01 (200)
-29.11						
488						
58.8					and the second second	
-78.0	Age of the second se	a a substitute a su	Party Service Bullingia			
Start 30 MHz						25.00 GHz
#Res BW 100 kHz	<u> </u>	#VBW 300 P		INCTION WIDTH	Sweep 2.388 s	(30001 pts)
	2.228 2 GHz 2.609 4 GHz 24.764 4 GHz	-56.25 dBm -58.47 dBm -64.01 dBm	Parternan	1142-1154 W1239	101210110202	
4 6 7 8 9 10						

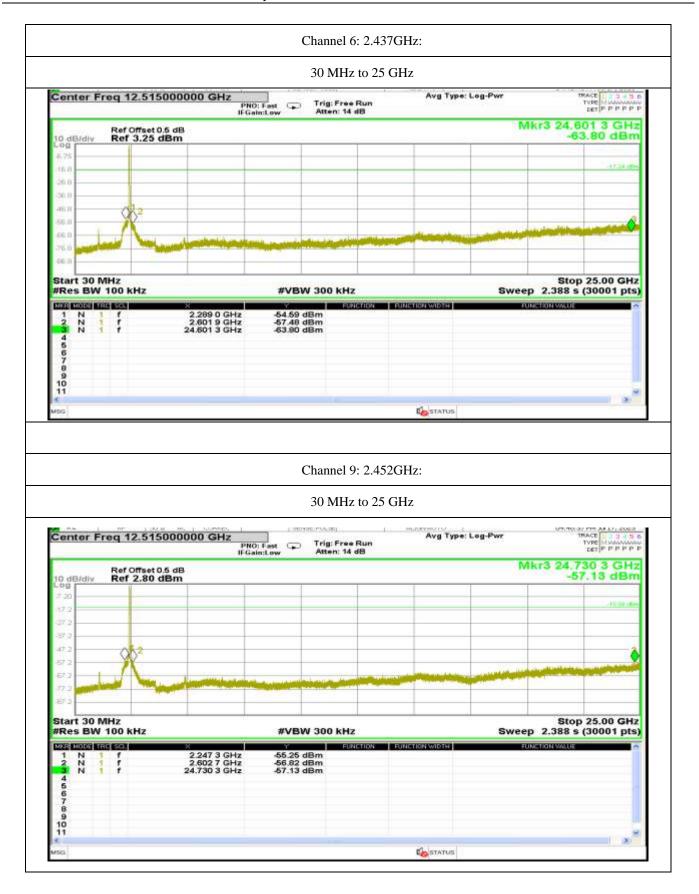
Page | 219

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





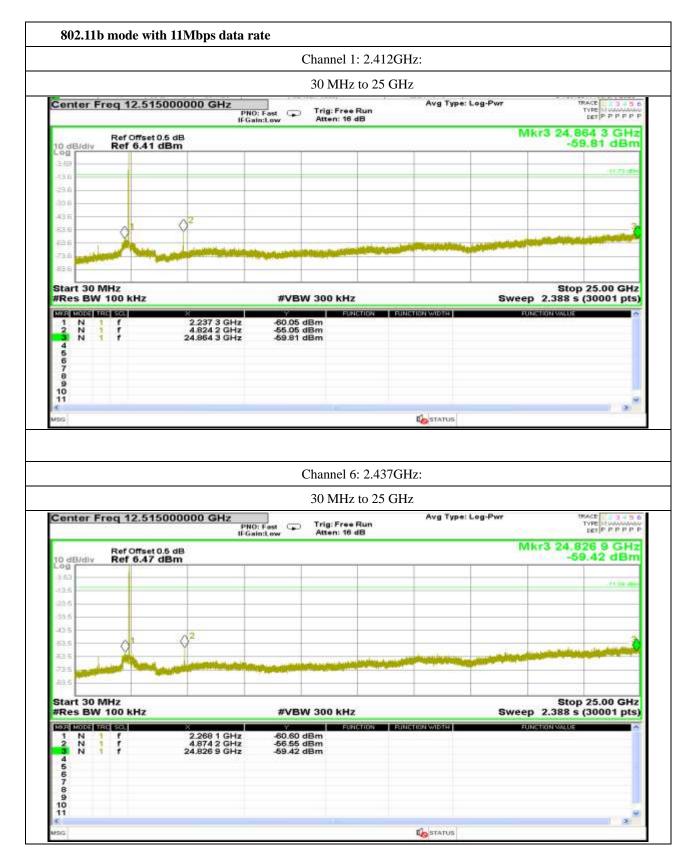


Page | 220





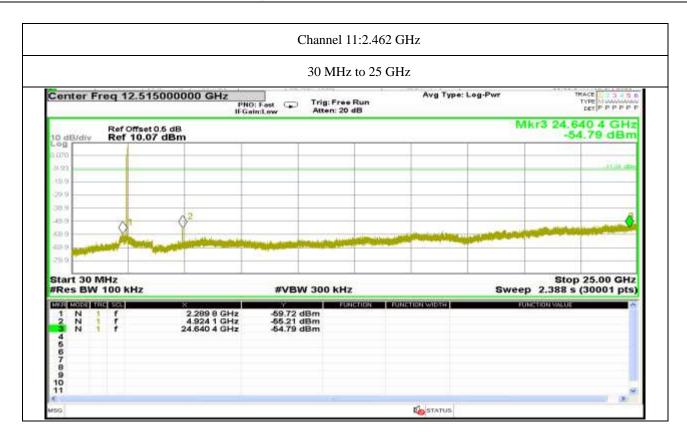
Antenna 3:



Page | 221





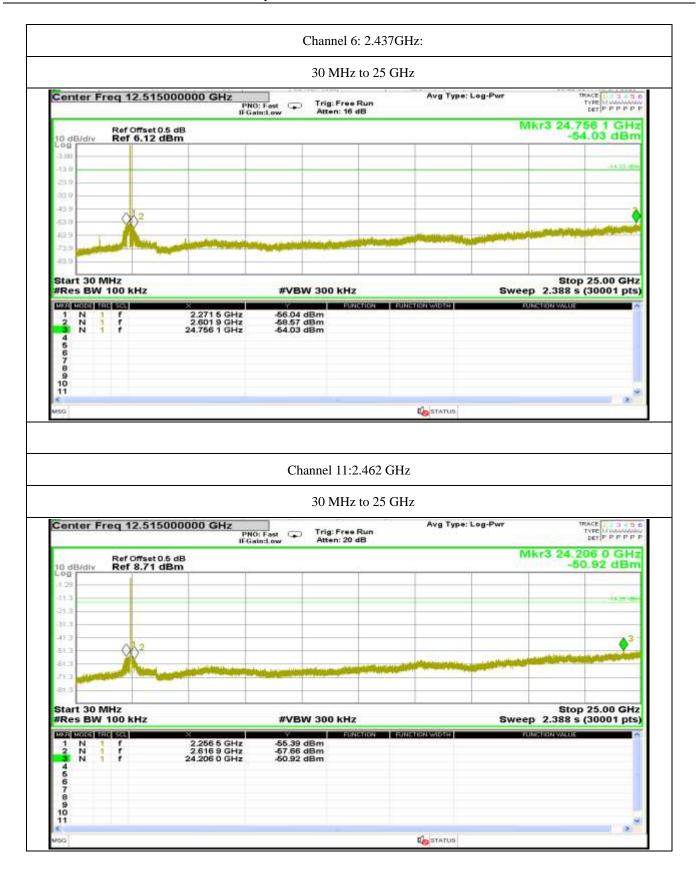


			Char	nel 1: 2.41	2GHz:		
			30	MHz to 25	GHz		
Center Free	12.5150000	PNO	Fast Trig	: Free Run en: 16 dB	Avg Type	Log-Pwr	TYPE DET P P P P P T
	tef Offset 0.6 dB tef 4.62 dBm					Mkr3	24.903 4 GHz -57.61 dBm
-5.38							-11.22 (200
35.4							
35.A							
45.4	032						
-E5.4			an and the second stars	and southless	and the second states	Contraction of the local division of the	Non-South States
75.4 Marine	and the second second			And and an officer			
-DE 4							
Start 30 MH #Res BW 10			#VBW 30	0 kHz		Sweep 2.3	Stop 25.00 GHz 88 s (30001 pts)
		2.270 6 GHz	-56.39 dBm	FUNCTION	FUNCTION WIDTH	0005100	9900 3
2 N 1	r	2.621 9 GHz 4.903 4 GHz	-59.44 dBm -57.61 dBm				
4 5 6 7			09040325000				
67							
8 9 10							

Page | 222



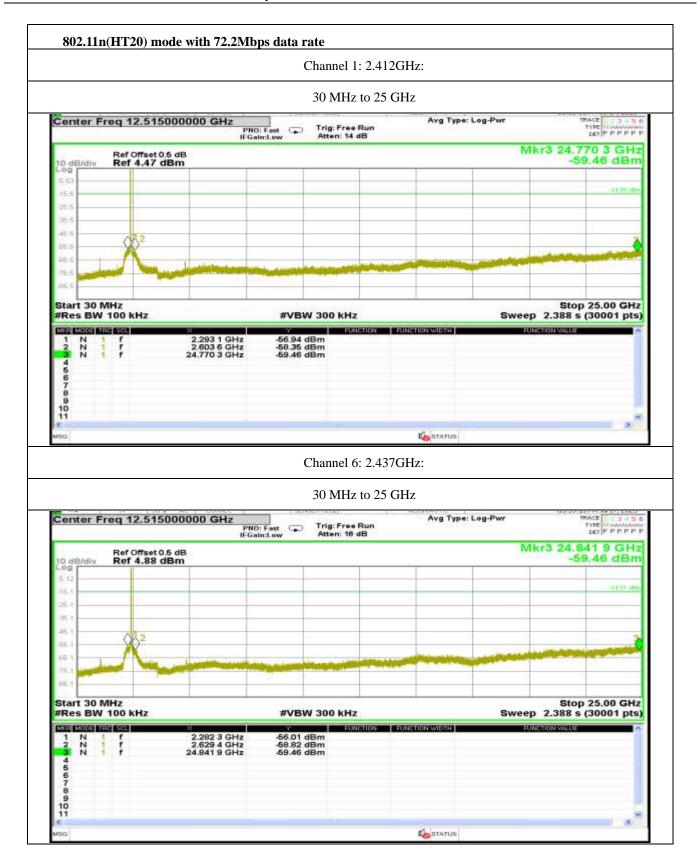




Page | 223

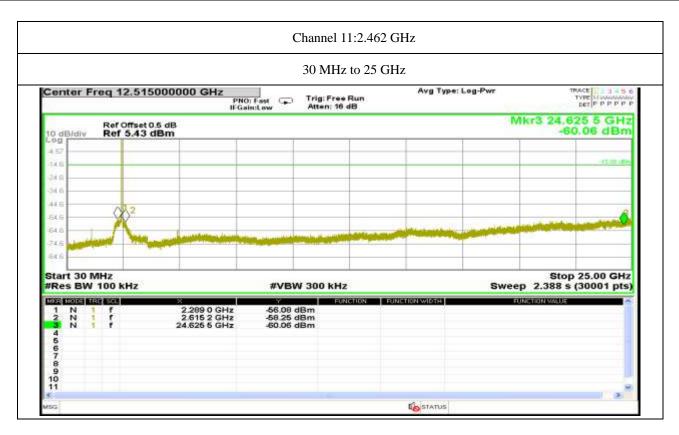


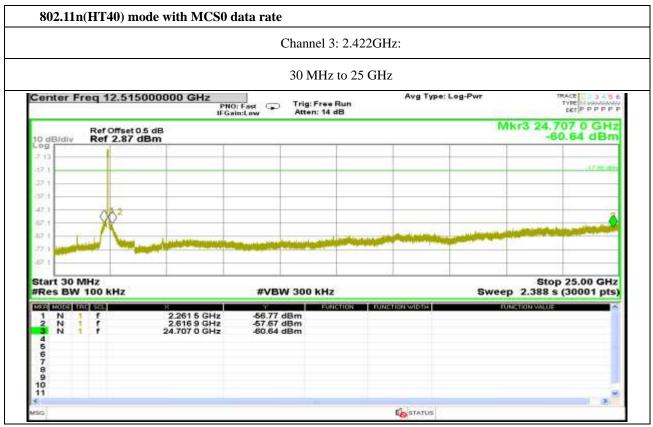








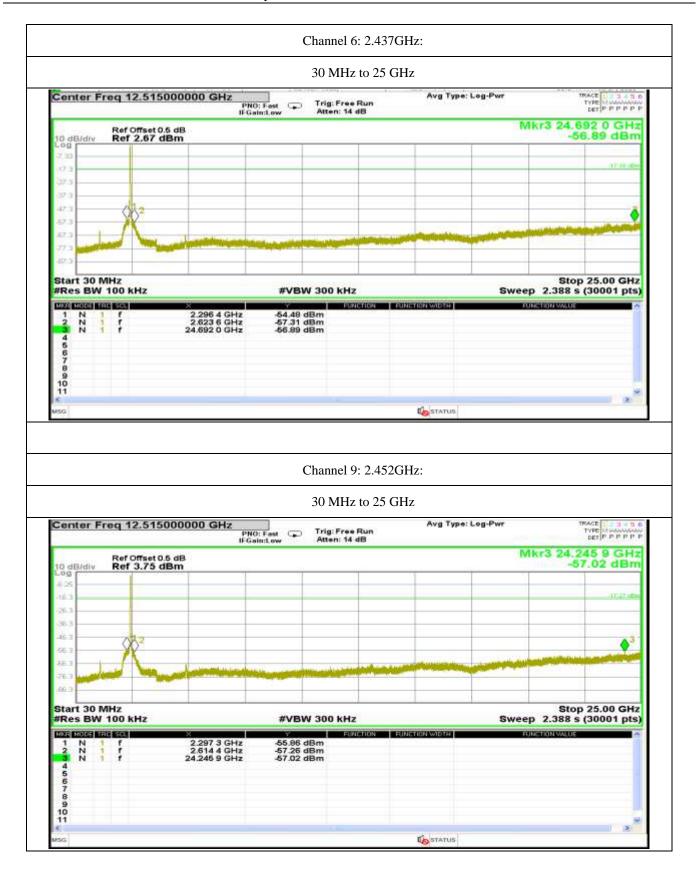




Page | 225



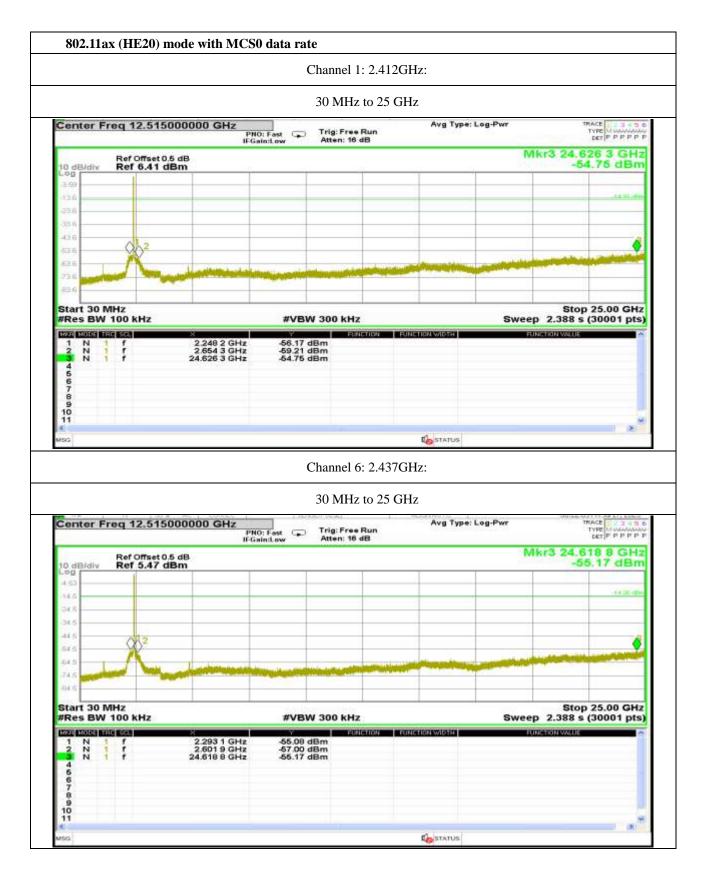




Page | 226



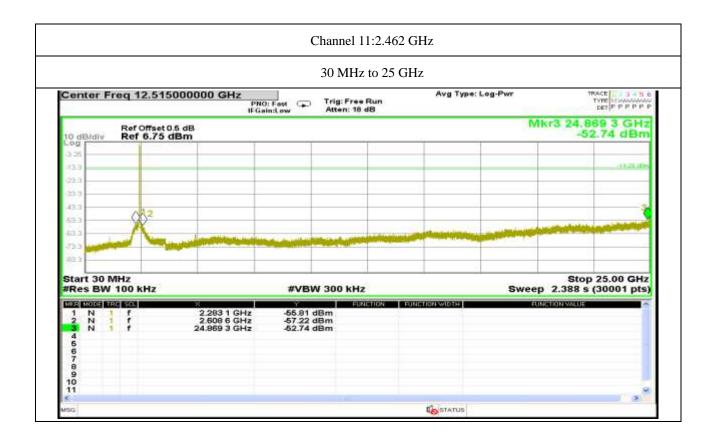




Page | 227







		Channel	3: 2.422GHz:		
		30 MH	Iz to 25 GHz		
Center Freq 12.515	PNO	t Fast 😱 Trig: Fro n:Low Atten: 1	ee Run	Type: Log-Pwr	TYPE MULTIPLE
Ref Offset 0	16 dB 18m			Mkr	3 24.283 4 GHz -57.18 dBm
-7.40 -17.4					-17.54 (21)
37.4 					
47.4 57.4					∮ ³
	-	Statement Statement	and the second second	No. of Concession, Name	
-87.4					
Start 30 MHz #Res BW 100 kHz		#VBW 300 ki	Hz	Sweep	Stop 25.00 GHz 2.388 s (30001 pts)
1 N 1 f 2 N 1 f 3 N 1 f	2,293 9 GHz 2,632 7 GHz 24,283 4 GHz	-55.44 dBm -58.67 dBm -57.18 dBm	FUNCTION FUNCTION WIE	999) 7996	
4 5 6 7 8 9 10					

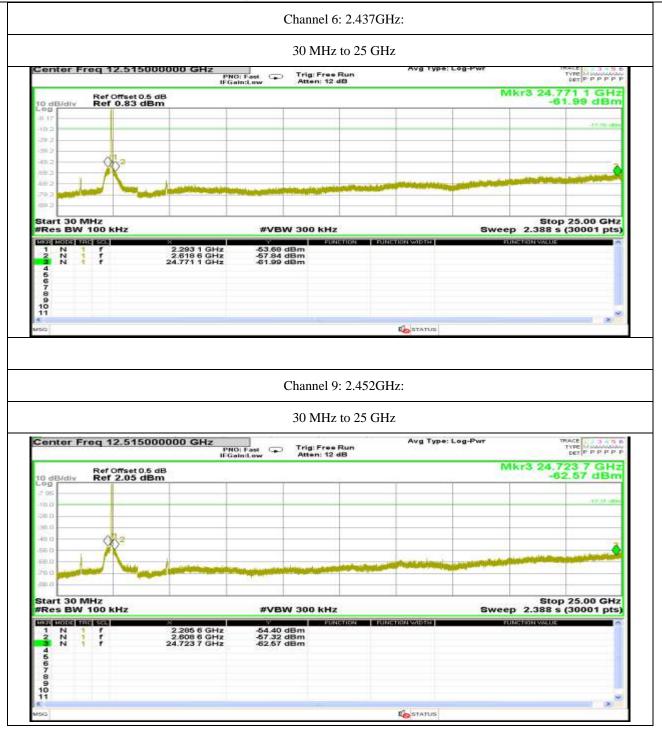
Page | 228

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









End of report