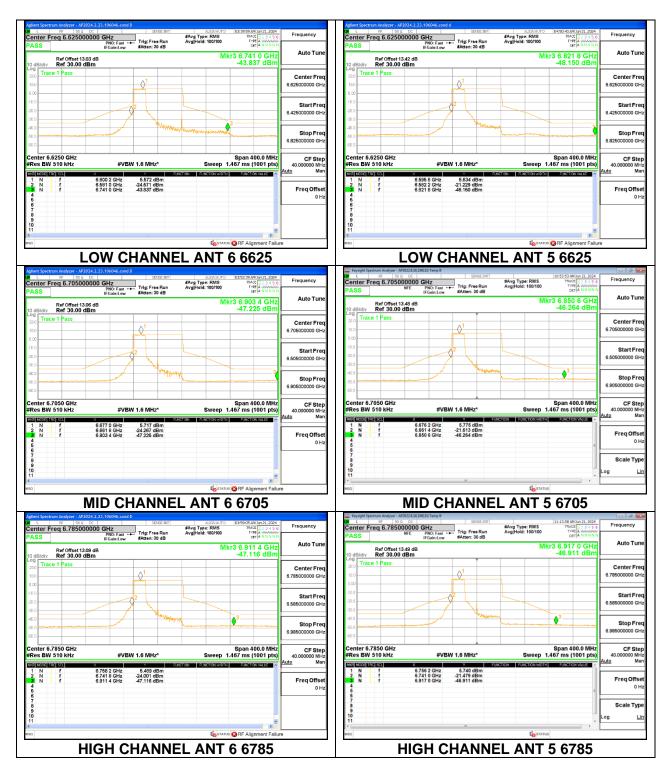
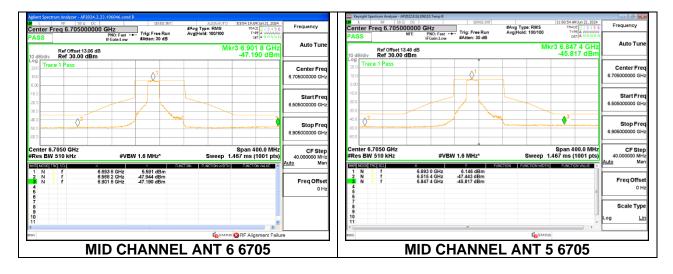
2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 242-Tones, RU Index 61



Page 356 of 369

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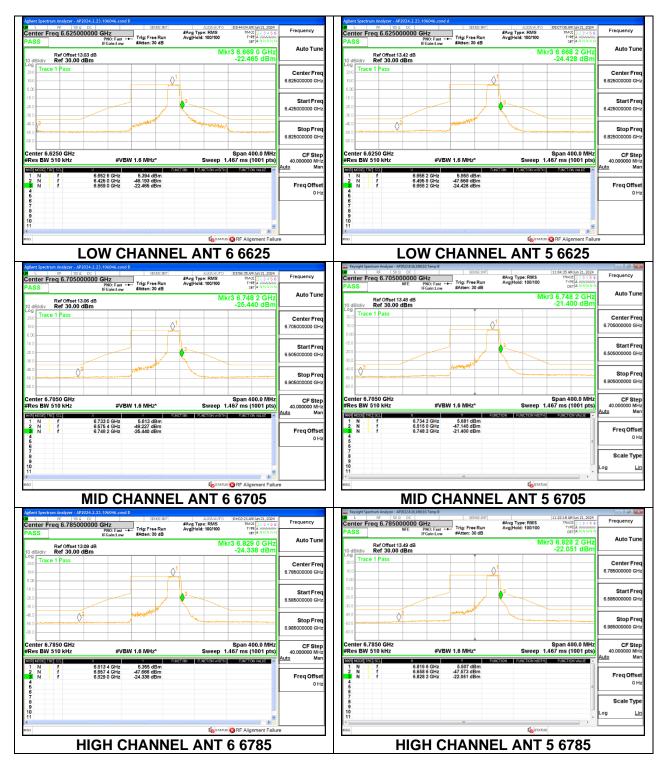
2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 242-Tones, RU Index 62



Page 357 of 369

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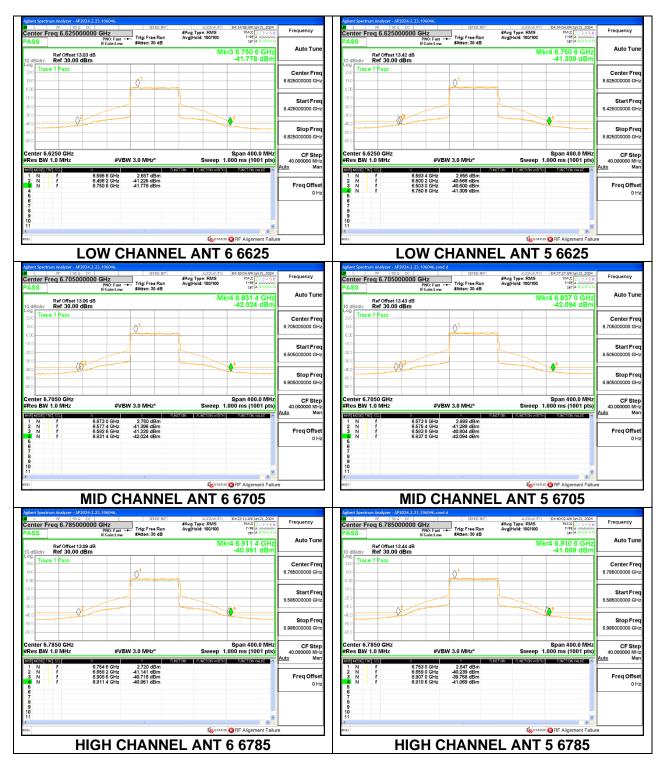
2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 242-Tones, RU Index 64



Page 358 of 369

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2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – SU Mode

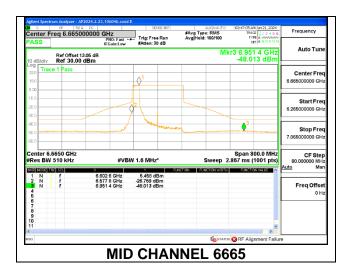


Page 359 of 369

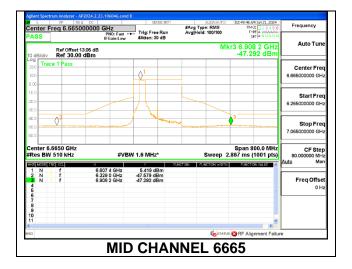
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9.7.8. 802.11be EHT160 MODE IN THE UNII-7 BAND

1TX Antenna 6 MODE (FCC+IC) MOBILE - 242-Tones, RU Index 61



1TX Antenna 6 MODE (FCC+IC) MOBILE - 242-Tones, RU Index 62

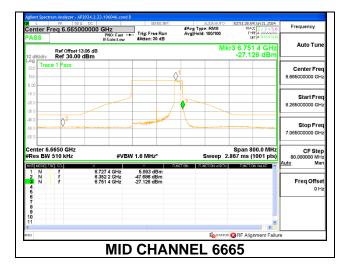


Page 360 of 369

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1TX Antenna 6 MODE (FCC+IC) MOBILE - 242-Tones, RU Index S64



1TX Antenna 6 MODE (FCC+IC) MOBILE - SU MODE

X L	RF 50 Q	DC	SENSE:INT	ALIGN AUT O	02:27:21 AM 3.n 21, 2024	-	
	eq 6.665000	000 GHz PNO: Fast	Trig: Free Run	#Avg Type: RMS Avg[Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE A WARAAAA	Auto Tuno	
PASS		IFGain:Low	#Atten: 30 dB		DET A NNNN N		
10 dB/div	Ref Offset 13.0 Ref 30.00 dE			MR	r3 6.921 0 GHz -39.113 dBm		
20.0 Trac	e 1 Pass					Center Freq	
10.0			01			6.665000000 GHz	
0.00				7			
-20.0						Start Freq	
30.0	²			Lund	3	6.265000000 GHz	
-40.0	Y				· · · · · · · · · · · · · · · · · · ·	Stop Freq	
-50.0						7.065000000 GHz	
-60.0							
Center 6.6 #Res BW		#VB)	N 6.0 MHz*	Sweep 1	Span 800.0 MHz .333 ms (1001 pts)	CF Step 80.000000 MHz	
NKH MODE TH		× 6.604 2 GHz	Y 2.658 dBm	NOTION FUNCTION WIDTH	FUNCTION WALLE	<u>Auto</u> Man	
1 N 1 2 N 1 3 N 1	f	6.409 0 GHz	-38.038 dBm			Freg Offset	
	T	6.921 0 GHz	-39.113 dBm			0 Hz	
4 6 7						0112	
7							
8 9 10							
11					×		
				STATU:	RF Alignment Failur	e	
MSG							

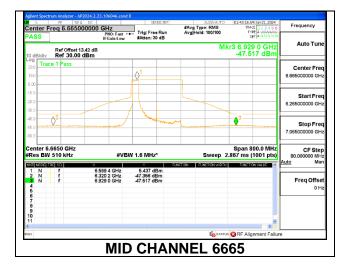
Page 361 of 369

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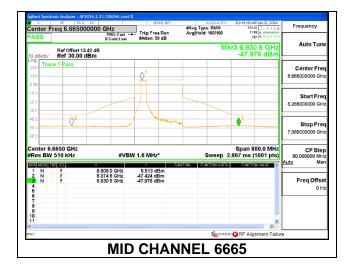
TEL:(510) 319-4000

FAX:(510) 661-0888

1TX Antenna 5 MODE (FCC+IC) MOBILE - 242-Tones, RU Index 61



1TX Antenna 5 MODE (FCC+IC) MOBILE - 242-Tones, RU Index 62



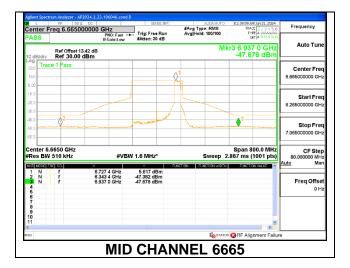
Page 362 of 369

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1TX Antenna 5 MODE (FCC+IC) MOBILE - 242-Tones, RU Index S64



1TX Antenna 5 MODE (FCC+IC) MOBILE - SU MODE

μ L	RF 50 Q D		SENSE:INT	ALIGNAUTO	01:55:26 AM Jun 21, 2024	-		
Center F	req 6.6650000	PNO: Fast +	Trig: Free Run	#Avg Type: RMS Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE A WWWWWW	Frequency		
10 dB/div	Ref Offset 13.42 Ref 30.00 dBr		satten: 30 dB	M	Mkr4 6.922 6 GHz -39.495 dBm			
Log	e 1 Pass					Center Freq		
10.0			⊘ ¹			6.665000000 GHz		
-10.0						Start Free		
-20.0						6.265000000 GHz		
-30.0	(D)2				∮ ⁴			
-50.0						Stop Freq 7.065000000 GHz		
	6650 GHz				Span 800.0 MHz	CF Step		
#Res BW		#VB\	V 6.0 MHz*	Sweep 1	.333 ms (1001 pts)	80.000000 MHz <u>Auto</u> Man		
1 N 2 N 3 N 4 N 5		6.602 6 GHz 6.407 4 GHz 6.417 0 GHz 6.922 6 GHz	2.693 dBm -38.169 dBm -38.028 dBm -39.495 dBm	NUTUR FUNCTION WIDTH	FUNCTION VALUE	Freq Offset 0 Hz		
6 7 8 9 10								
11								
NSG				I STATU:	RF Alignment Failur	9		
		MID		INEL 66	AF			

Page 363 of 369

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2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC + IC) – 242-Tones, RU Index 61



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC + IC) - 242-Tones, RU Index 62



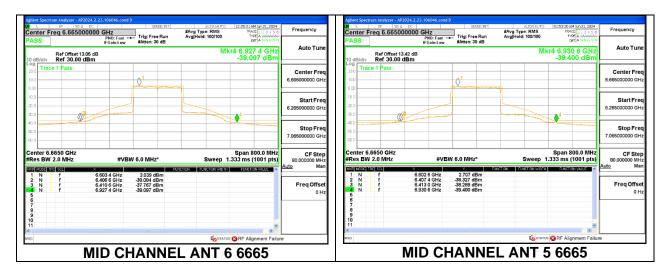
Page 364 of 369

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2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC + IC) - 242-Tones, RU Index S64



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC + IC) – SU Mode



Page 365 of 369

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10. DUAL CLIENT TEST/ CLIENT DEVICE - POWER ADJUSTMENT

LIMITS

FCC §15.407(a) (7), (8)

(7) For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925–6.425 GHz and 6.525–6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.

(8) For client devices operating under the control of an indoor access point in the 5.925–7.125 GHz bands, the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

TEST PROCEDURE

Per KDB 987594 D02 v02r01 (II) (K) and (II) (L)

(II) (K) . Dual Client Test, Demonstration of Proper Power Adjustment based on Associated AP

A client device may connect to a Standard Power AP with a maximum power level of 30 dBm EIRP. A client may also connect to a Low Power indoor AP, but the power level is limited to a maximum of 24 dBm EIRP. If a client has the flexibility to connect to both APs, verification is needed to show that it can distinguish between the two configurations, and then control the power levels accordingly.

(II) (L). Proper Power Adjustment, Client Devices Connected to a Standard Power Access Point

A client device that connects to a Standard Power AP must limit its power to a minimum of 6 dB lower than its associated Standard Power access point's authorized transmit power. The term "authorized" means the AFC-approved power level for the AP to use on a particular channel.

Page 366 of 369

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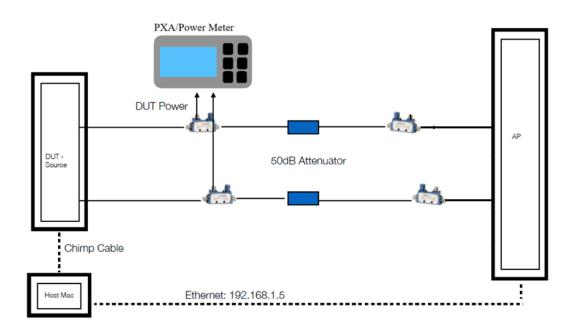
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SET UP

The following setup was used to meet requirements for sections (II)(K) and (II)(L) for a dual client device. It verifies EUT ability to distinguish between an LPI AP and SP AP and operate at the power level permitted for each.

The AP used [Broadcom BCM94916REF2] is a dual mode AP. For the test against section (II)(K) the AP was initially in SP mode and then switched to VPI mode to verify the DUT client device also switched to SP client mode to LPI client mode. To lest (II)(L) the AP was set in SP mode and configured for different power levels as shown in table to verify the DUT client device was operating at a level of at least 6dB lower than the AP designated power.



Page 367 of 369

RESULTS FOR DUAL CLIENT TEST

Tested By:	GA 12485
Date:	2024-06-27

EUT Frequency (MHz)	AFC Authorized EIRP Power for AP (dBm)	Dual Client MIMO EIRP (dBm)	Results (Pass/Fail) (EUT-AFC Authorized AP Power <= -6dB)	
	36	21.40	Pass	
5975	28	20.97	Pass	
	21	10.41	Pass	

Below plot is provided to show Dual client power levels and transition connection from SP AP (Mark 1) to LPI AP (Mark 2), where the power level dropped >= 6dB.

wept SA EYSIGHT ↔	Input: RF Coupling Align: Au	= p: AC	Input Z: Freq Re NFE: A	ef: Int (S)	Atten: 40 dB µW Path: Stan	IF Gai	Off	#Avg Type: F Trig: Free Ru	in l	1 2 3 4 5 6 W WW WW W P N N N N N	5.975	r Frequency 5000000 GHz	Settings
Spectrum cale/Div 10 c	JB	•J			Ref Level 30.0	0 dBm				2 13.94 s .96 dBm	S	000000 Hz Swept Span	
0.0 0.0 0.0												ero Span Full Span	
								2			Start 5.978	Freq 5000000 GHz	
0.0					ν 	lant Alemanta	halanajhana	and a second	Lahayov, and the share of the	h ^{an} adhrunhynday o n	Stop 5.975	Freq 5000000 GHz	
nter 5.9750		Hz			#Video BW 8.	0 MHz		_		Span 0 Hz			
s BW 8 MHz /larker Table		•						5	weep 20.0	s (1001 pts)	8.000	ep 0000 MHz Juto	
	Trace	Scale	>	<	Y	Functi	on Fu	nction Width	Functi	on Value		lan	
Mode	1	t t		4.240 s 13.94 s	13.35 dBn -31.96 dBn						Freq (0 Hz	Offset	
1 N 2 N 3	1										UHZ		
1 N 2 N											X Axis	Scale .og .in	

Page 368 of 369

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11. SETUP PHOTOS

Refer to 14982436-EP1V1 FCC IC Setup_Photo for setup photos

END OF TEST REPORT

Page 369 of 369

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