

802.11ac40

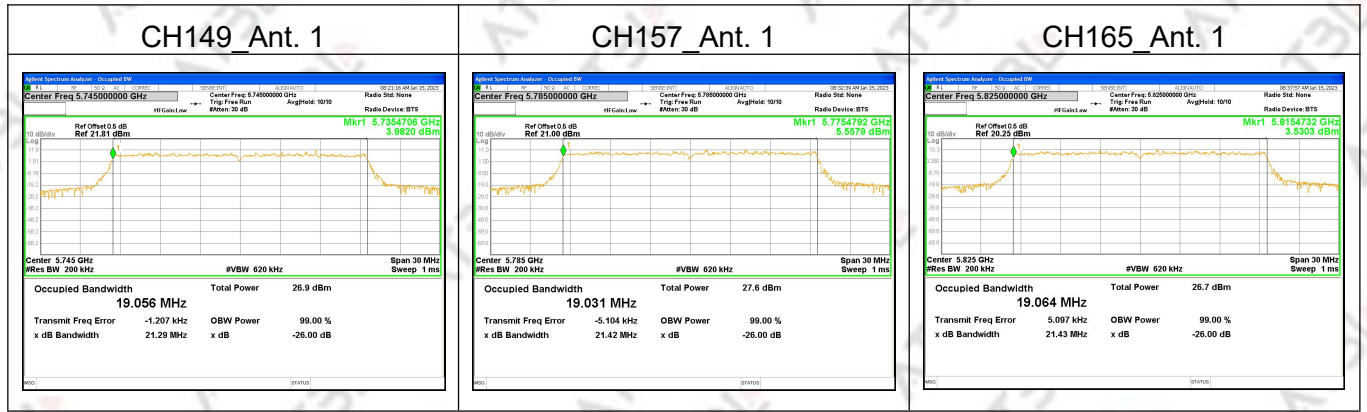
CH151_Ant. 0 Center Freq 5.755000000 GHz Ref Offset 0.5 dB Ref 20.37 dBm Mkr1 5.7558345 GHz 4.9818 dBm Center 5.755 GHz #Res BW 430 kHz #VBW 1.3 MHz Span 60 MHz Sweep 1 ms Occupied Bandwidth 36.302 MHz Total Power 26.9 dBm Transmit Freq Error -14.703 kHz OBW Power 99.00 % x dB Bandwidth 39.84 MHz x dB -26.00 dB	CH159_Ant. 0 Center Freq 5.795000000 GHz Ref Offset 0.5 dB Ref 19.81 dBm Mkr1 5.7768348 GHz 4.7102 dBm Center 5.795 GHz #Res BW 430 kHz #VBW 1.3 MHz Span 60 MHz Sweep 1 ms Occupied Bandwidth 36.277 MHz Total Power 26.4 dBm Transmit Freq Error -26.816 kHz OBW Power 99.00 % x dB Bandwidth 39.95 MHz x dB -26.00 dB	N/A N/A
CH151_Ant. 1 Center Freq 5.755000000 GHz Ref Offset 0.5 dB Ref 19.90 dBm Mkr1 5.7368587 GHz 6.5340 dBm Center 5.755 GHz #Res BW 430 kHz #VBW 1.3 MHz Span 60 MHz Sweep 1 ms Occupied Bandwidth 36.281 MHz Total Power 26.7 dBm Transmit Freq Error -2.588 kHz OBW Power 99.00 % x dB Bandwidth 39.70 MHz x dB -26.00 dB	CH159_Ant. 1 Center Freq 5.795000000 GHz Ref Offset 0.5 dB Ref 20.43 dBm Mkr1 5.7768585 GHz 6.0533 dBm Center 5.795 GHz #Res BW 430 kHz #VBW 1.3 MHz Span 60 MHz Sweep 1 ms Occupied Bandwidth 36.218 MHz Total Power 26.4 dBm Transmit Freq Error -32.613 kHz OBW Power 99.00 % x dB Bandwidth 39.57 MHz x dB -26.00 dB	N/A N/A

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CH155_Ant. 0 Center Freq 5.775000000 GHz Ref Offset 0.5 dB Ref 17.89 dBm Mkr1 5.7370753 GHz 5.2874 dBm Center 5.775 GHz #Res BW 520 kHz #VBW 2.7 MHz Span 120 MHz Sweep 1 ms Occupied Bandwidth 75.774 MHz Total Power 25.9 dBm Transmit Freq Error -37.480 kHz OBW Power 99.00 % x dB Bandwidth 81.25 MHz x dB -26.00 dB	CH155_Ant. 1 Center Freq 5.775000000 GHz Ref Offset 0.5 dB Ref 19.69 dBm Mkr1 5.7371045 GHz 5.0589 dBm Center 5.775 GHz #Res BW 520 kHz #VBW 2.7 MHz Span 120 MHz Sweep 1 ms Occupied Bandwidth 75.675 MHz Total Power 26.1 dBm Transmit Freq Error -57.902 kHz OBW Power 99.00 % x dB Bandwidth 80.24 MHz x dB -26.00 dB	N/A N/A
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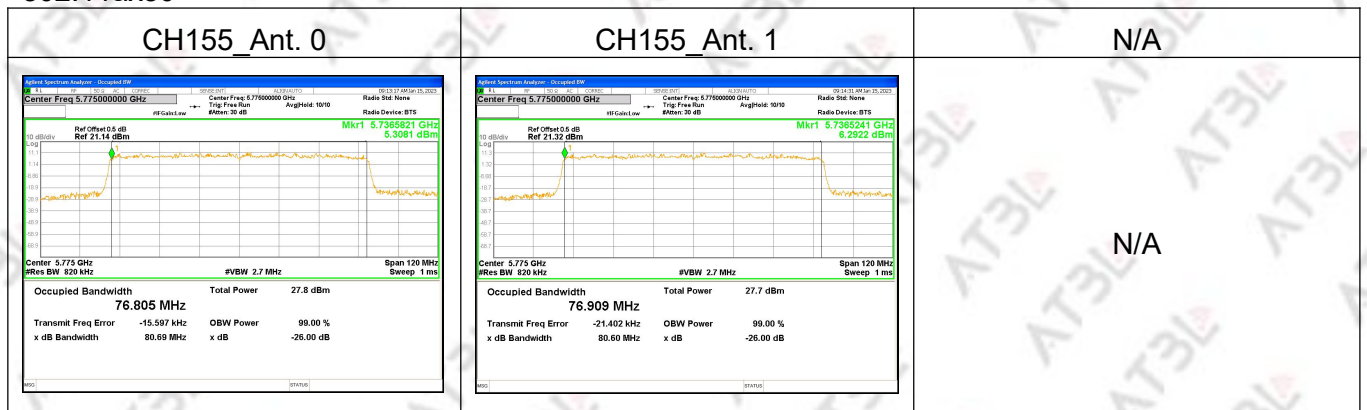
CH149_Ant. 0 Center Freq 5.745000000 GHz Ref Offset 0.5 dB Ref 20.93 dBm Mkr1 5.7354488 GHz 5.4267 dBm Center 5.745 GHz #Res BW 200 kHz #VBW 620 kHz Span 30 MHz Sweep 1 ms Occupied Bandwidth 19.013 MHz Total Power 28.3 dBm Transmit Freq Error -43.962 kHz OBW Power 99.00 % x dB Bandwidth 21.75 MHz x dB -26.00 dB	CH157_Ant. 0 Center Freq 5.785000000 GHz Ref Offset 0.5 dB Ref 21.07 dBm Mkr1 5.7754588 GHz 5.5398 dBm Center 5.785 GHz #Res BW 200 kHz #VBW 620 kHz Span 30 MHz Sweep 1 ms Occupied Bandwidth 19.029 MHz Total Power 28.5 dBm Transmit Freq Error -26.739 kHz OBW Power 99.00 % x dB Bandwidth 22.08 MHz x dB -26.00 dB	CH165_Ant. 0 Center Freq 5.825000000 GHz Ref Offset 0.5 dB Ref 19.87 dBm Mkr1 5.8154569 GHz 4.6187 dBm Center 5.825 GHz #Res BW 200 kHz #VBW 620 kHz Span 30 MHz Sweep 1 ms Occupied Bandwidth 19.037 MHz Total Power 27.8 dBm Transmit Freq Error -24.525 kHz OBW Power 99.00 % x dB Bandwidth 23.36 MHz x dB -26.00 dB
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6. MAXIMUM CONDUCTED OUTPUT POWER

6.1. LIMIT

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used.

FCC Part15 (15.407) , Subpart E				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.407(a)	Peak Output Power	30dBm	5150-5250	PASS
		23.98dBm	5250-5350	
		23.98dBm	5470-5725	
		30dBm	5725-5850	

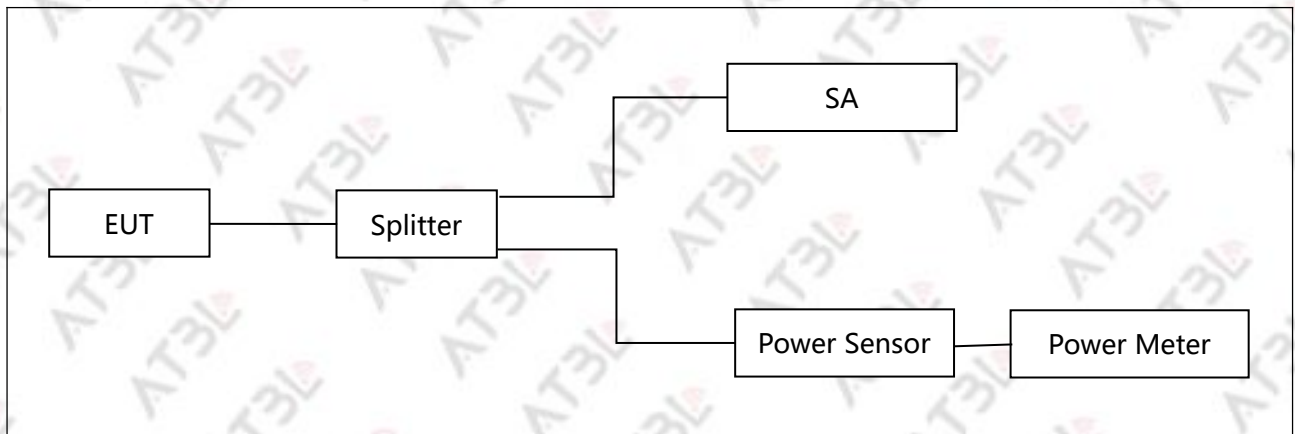
6.2. TEST PROCEDURE

The test was performed in accordance with method of article 12.3.3.1 Method PM from ANSI C63.10-2013 .

6.3. DEVIATION FROM STANDARD

No deviation.

6.4. TEST SETUP



6.5. EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 5 Unless otherwise a special operating condition is specified in the follows during the testing.

6.6. TEST RESULTS

Conducted Power

5150MHz-5250MHz

802.11a

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
36	5180	0	6.71	2.66	13.53	16.19	23.98	PASS
40	5200	0	6.71	2.66	13.51	16.17	23.98	PASS
48	5240	0	6.71	2.66	13.77	16.43	23.98	PASS
36	5180	1	3.90	2.66	14.27	16.93	23.98	PASS
40	5200	1	3.90	2.66	14.57	17.23	23.98	PASS
48	5240	1	3.90	2.66	14.51	17.17	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)				Limit (dBm)	Result
36	5180	0+1	19.59				21.55	PASS
40	5200	0+1	19.74				21.55	PASS
48	5240	0+1	19.83				21.55	PASS

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CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
36	5180	0	6.71	2.29	14.39	16.68	23.98	PASS
40	5200	0	6.71	2.29	14.3	16.59	23.98	PASS
48	5240	0	6.71	2.29	14.91	17.20	23.98	PASS
36	5180	1	3.90	2.29	14.92	17.21	23.98	PASS
40	5200	1	3.90	2.29	14.46	16.75	23.98	PASS
48	5240	1	3.90	2.29	14.39	16.68	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)				Limit (dBm)	Result
36	5180	0+1	19.96				21.55	PASS
40	5200	0+1	19.68				21.55	PASS
48	5240	0+1	19.96				21.55	PASS

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CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
38	5190	0	6.71	2.63	13.97	16.6	23.98	PASS
46	5230	0	6.71	2.63	14.4	17.03	23.98	PASS
38	5190	1	3.90	2.67	14.43	17.1	23.98	PASS
46	5230	1	3.90	2.67	14.01	16.68	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)				Limit (dBm)	Result
38	5190	0+1	19.87				21.55	PASS
46	5230	0+1	19.87				21.55	PASS

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CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
36	5180	0	6.71	0.78	15.01	15.79	23.98	PASS
40	5200	0	6.71	0.78	15.96	16.74	23.98	PASS
48	5240	0	6.71	0.78	15.09	15.87	23.98	PASS
36	5180	1	3.90	0.84	15.31	16.15	23.98	PASS
40	5200	1	3.90	0.84	15.27	16.11	23.98	PASS
48	5240	1	3.90	0.84	15.55	16.39	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)				Limit (dBm)	Result
36	5180	0+1	18.98				21.55	PASS
40	5200	0+1	19.45				21.55	PASS
48	5240	0+1	19.15				21.55	PASS

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CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
38	5190	0	6.71	0.93	15.83	16.76	23.98	PASS
46	5230	0	6.71	0.93	15.68	16.61	23.98	PASS
38	5190	1	3.90	0.91	16.04	16.95	23.98	PASS
46	5230	1	3.90	0.91	16.13	17.04	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
38	5190	0+1	19.87	21.55	PASS
46	5230	0+1	19.84	21.55	PASS

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CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
42	5210	0	6.71	0.97	14.00	15.97	23.98	PASS
42	5210	1	3.90	0.97	15.31	16.28	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
42	5210	0+1	19.14	21.55	PASS

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CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
50	5250	0	6.71	1	15.78	16.78	23.98	PASS
50	5250	1	3.90	1	15.64	16.64	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
50	5250	0+1	19.72	21.55	PASS

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CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
36	5180	0	6.71	0.39	15.62	16.01	23.98	PASS
40	5200	0	6.71	0.39	15.28	15.67	23.98	PASS
48	5240	0	6.71	0.39	15.37	15.76	23.98	PASS
36	5180	1	3.90	0.42	15.16	15.58	23.98	PASS
40	5200	1	3.90	0.42	15.18	15.60	23.98	PASS
48	5240	1	3.90	0.42	15.21	15.63	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
36	5180	0+1	18.81	21.55	PASS
40	5200	0+1	18.64	21.55	PASS
48	5240	0+1	18.70	21.55	PASS

802.11ax40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
38	5190	0	6.71	0.46	15.85	16.31	23.98	PASS
46	5230	0	6.71	0.46	16.00	16.46	23.98	PASS
38	5190	1	3.90	0.46	16.49	16.95	23.98	PASS
46	5230	1	3.90	0.46	16.41	16.87	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
38	5190	0+1	19.65	21.55	PASS
46	5230	0+1	19.68	21.55	PASS

802.11ax80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
42	5210	0	6.71	0.45	16.25	16.70	23.98	PASS
42	5210	1	3.90	0.48	16.23	16.71	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
42	5210	0+1	19.72	21.55	PASS

802.11ax160

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
50	5250	0	6.71	0.48	16.14	16.62	23.98	PASS
50	5250	1	3.90	0.45	16.94	17.39	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
50	5250	0+1	20.03	21.55	PASS

5250MHz-5350MHz

802.11a

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
52	5260	0	6.71	2.66	14.24	16.90	23.98	PASS
60	5300	0	6.71	2.66	14.37	17.03	23.98	PASS
64	5320	0	6.71	2.66	14.20	16.86	23.98	PASS
52	5260	1	3.90	2.66	13.90	16.56	23.98	PASS
60	5300	1	3.90	2.66	13.99	16.65	23.98	PASS
64	5320	1	3.90	2.66	14.08	16.74	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
52	5260	0+1	19.74	21.55	PASS
60	5300	0+1	19.85	21.55	PASS
64	5320	0+1	19.81	21.55	PASS

802.11n20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
52	5260	0	6.71	2.29	14.47	16.76	23.98	PASS
60	5300	0	6.71	2.29	14.49	16.78	23.98	PASS
64	5320	0	6.71	2.29	14.43	16.72	23.98	PASS
52	5260	1	3.90	2.29	14.15	16.44	23.98	PASS
60	5300	1	3.90	2.29	14.27	16.56	23.98	PASS
64	5320	1	3.90	2.29	14.23	16.52	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
52	5260	0+1	19.61	21.55	PASS
60	5300	0+1	19.68	21.55	PASS
64	5320	0+1	19.63	21.55	PASS

802.11n40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
54	5270	0	6.71	2.63	14.41	17.04	23.98	PASS
62	5310	0	6.71	2.63	14.51	17.14	23.98	PASS
54	5270	1	3.90	2.67	14.43	17.1	23.98	PASS
62	5310	1	3.90	2.67	14.36	17.03	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)				Limit (dBm)	Result
54	5270	0+1	20.08				21.55	PASS
62	5310	0+1	20.10				21.55	PASS

802.11ac20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
52	5260	0	6.71	0.78	14.91	15.69	23.98	PASS
60	5300	0	6.71	0.78	15.28	16.06	23.98	PASS
64	5320	0	6.71	0.78	15.29	16.07	23.98	PASS
52	5260	1	3.90	0.84	15.74	16.58	23.98	PASS
60	5300	1	3.90	0.84	15.95	16.79	23.98	PASS
64	5320	1	3.90	0.84	15.8	16.64	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)				Limit (dBm)	Result
52	5260	0+1	19.17				21.55	PASS
60	5300	0+1	19.45				21.55	PASS
64	5320	0+1	19.37				21.55	PASS

802.11ac40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
54	5270	0	6.71	0.93	15.2	16.13	23.98	PASS
62	5310	0	6.71	0.93	15.37	16.30	23.98	PASS
54	5270	1	3.90	0.91	15.62	16.53	23.98	PASS
62	5310	1	3.90	0.91	16.66	17.57	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
54	5270	0+1	19.34	21.55	PASS
62	5310	0+1	19.99	21.55	PASS

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CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
58	5290	0	6.71	0.97	16.01	16.98	23.98	PASS
58	5290	1	3.90	0.97	15.68	16.65	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
58	5290	0+1	19.83	21.55	PASS

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CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
50	5250	0	6.71	1	14.66	15.66	23.98	PASS
50	5250	1	3.90	1	18.12	18.12	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
50	5250	0+1	20.07	21.55	PASS

802.11ax20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
52	5260	0	6.71	0.39	16.37	16.76	23.98	PASS
60	5300	0	6.71	0.39	16.35	16.74	23.98	PASS
64	5320	0	6.71	0.39	16.49	16.88	23.98	PASS
52	5260	1	3.90	0.42	16.05	16.47	23.98	PASS
60	5300	1	3.90	0.42	16.95	17.37	23.98	PASS
64	5320	1	3.90	0.42	15.93	16.35	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
52	5260	0+1	19.63	21.55	PASS
60	5300	0+1	20.08	21.55	PASS
64	5320	0+1	19.63	21.55	PASS

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CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
54	5270	0	6.71	0.46	15.6	16.06	23.98	PASS
62	5310	0	6.71	0.46	15.39	15.85	23.98	PASS
54	5270	1	3.90	0.46	15.59	16.05	23.98	PASS
62	5310	1	3.90	0.46	16.72	17.18	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
54	5270	0+1	19.07	21.55	PASS
62	5310	0+1	19.58	21.55	PASS

802.11ax80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
58	5290	0	6.71	0.45	16.71	17.16	23.98	PASS
58	5290	1	3.90	0.48	16.23	16.71	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
58	5290	0+1	19.95	21.55	PASS

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CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
50	5250	0	6.71	0.48	16.97	17.45	23.98	PASS
50	5250	1	3.90	0.45	15.60	16.05	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)				Limit (dBm)	Result
50	5250	0+1	19.82				21.55	PASS

5470MHz-5725MHz

802.11a

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
100	5500	0	6.71	2.66	13.89	16.55	23.98	PASS
116	5580	0	6.71	2.66	13.4	16.06	23.98	PASS
140	5700	0	6.71	2.66	13.86	16.52	23.98	PASS
100	5500	1	3.90	2.66	13.28	15.94	23.98	PASS
116	5580	1	3.90	2.66	13.4	16.06	23.98	PASS
140	5700	1	3.90	2.66	13.22	15.88	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)				Limit (dBm)	Result
100	5500	0+1	19.27				21.55	PASS
116	5580	0+1	19.07				21.55	PASS
140	5700	0+1	19.22				21.55	PASS

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CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
100	5500	0	6.71	2.29	14.82	17.11	23.98	PASS
116	5580	0	6.71	2.29	14.33	16.62	23.98	PASS
140	5700	0	6.71	2.29	14.67	16.96	23.98	PASS
100	5500	1	3.90	2.29	14.1	16.39	23.98	PASS
116	5580	1	3.90	2.29	14.81	17.10	23.98	PASS
140	5700	1	3.90	2.29	14.21	16.50	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
100	5500	0+1	19.78	21.55	PASS
116	5580	0+1	19.88	21.55	PASS
140	5700	0+1	19.75	21.55	PASS

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CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
102	5510	0	6.71	2.63	13.91	16.54	23.98	PASS
110	5550	0	6.71	2.63	14.11	16.74	23.98	PASS
134	5670	0	6.71	2.63	14.4	17.03	23.98	PASS
102	5510	1	3.90	2.67	14.1	16.77	23.98	PASS
110	5550	1	3.90	2.67	13.94	16.61	23.98	PASS
134	5670	1	3.90	2.67	14.24	16.91	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
102	5510	0+1	19.67	21.55	PASS
110	5550	0+1	19.69	21.55	PASS
134	5670	0+1	19.98	21.55	PASS

802.11ac20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
100	5500	0	6.71	0.78	15.64	16.42	23.98	PASS
116	5580	0	6.71	0.78	15.68	16.46	23.98	PASS
140	5700	0	6.71	0.78	15.41	16.19	23.98	PASS
100	5500	1	3.90	0.84	15.17	16.01	23.98	PASS
116	5580	1	3.90	0.84	15.81	16.65	23.98	PASS
140	5700	1	3.90	0.84	15.96	16.80	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
100	5500	0+1	19.23	21.55	PASS
116	5580	0+1	19.57	21.55	PASS
140	5700	0+1	19.52	21.55	PASS

802.11ac40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
102	5510	0	6.71	0.93	15.59	16.52	23.98	PASS
110	5550	0	6.71	0.93	15.1	16.03	23.98	PASS
134	5670	0	6.71	0.93	15.37	16.30	23.98	PASS
102	5510	1	3.90	0.91	15.88	16.79	23.98	PASS
110	5550	1	3.90	0.91	15.77	16.68	23.98	PASS
134	5670	1	3.90	0.91	15.1	16.01	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)		Limit (dBm)	Result
102	5510	0+1	19.67		21.55	PASS
110	5550	0+1	19.38		21.55	PASS
134	5670	0+1	19.17		21.55	PASS

802.11ac80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
106	5530	0	6.71	0.97	15.02	15.99	23.98	PASS
122	5610	0	6.71	0.97	15.48	16.45	23.98	PASS
106	5530	1	3.90	0.97	16.52	17.49	23.98	PASS
122	5610	1	3.90	0.97	17.22	18.19	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)		Limit (dBm)	Result
106	5530	0+1	19.73		21.55	PASS
122	5610	0+1	19.30		21.55	PASS

802.11ac160

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
114	5570	0	6.71	1	14.59	15.59	23.98	PASS
114	5570	1	3.90	1	16.26	17.26	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
114	5570	0+1	19.51	21.55	PASS

802.11ax20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
100	5500	0	6.71	0.39	15.78	16.17	23.98	PASS
116	5580	0	6.71	0.39	15.41	15.80	23.98	PASS
140	5700	0	6.71	0.39	15.84	16.23	23.98	PASS
100	5500	1	3.90	0.42	15.15	15.57	23.98	PASS
116	5580	1	3.90	0.42	15.94	16.36	23.98	PASS
140	5700	1	3.90	0.42	15.17	15.59	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
100	5500	0+1	18.89	21.55	PASS
116	5580	0+1	19.10	21.55	PASS
140	5700	0+1	18.93	21.55	PASS

802.11ax40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
102	5510	0	6.71	0.46	16.05	16.51	23.98	PASS
110	5550	0	6.71	0.46	16.49	16.95	23.98	PASS
134	5670	0	6.71	0.46	16.53	16.99	23.98	PASS
102	5510	1	3.90	0.46	16.06	16.52	23.98	PASS
110	5550	1	3.90	0.46	16.9	17.36	23.98	PASS
134	5670	1	3.90	0.46	16.38	16.84	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
102	5510	0+1	19.53	21.55	PASS
110	5550	0+1	20.17	21.55	PASS
134	5670	0+1	19.93	21.55	PASS

802.11ax80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
106	5530	0	6.71	0.45	16.1	16.55	23.98	PASS
122	5610	0	6.71	0.45	16.42	16.87	23.98	PASS
106	5530	1	3.90	0.48	16.81	17.29	23.98	PASS
122	5610	1	3.90	0.48	16.56	17.04	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)				Limit (dBm)	Result
106	5530	0+1	19.95				21.55	PASS
122	5610	0+1	19.97				21.55	PASS

802.11ax160

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
114	5570	0	6.71	0.48	16.30	16.78	23.98	PASS
114	5570	1	3.90	0.45	15.75	16.20	23.98	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)				Limit (dBm)	Result
114	5570	0+1	19.51				21.55	PASS

5725MHz-5850MHz

802.11a

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
149	5745	0	6.71	2.66	16.38	19.04	30	PASS
157	5785	0	6.71	2.66	16.39	19.05	30	PASS
165	5825	0	6.71	2.66	16.43	19.09	30	PASS
149	5745	1	3.90	2.66	15.53	18.19	30	PASS
157	5785	1	3.90	2.66	15.67	18.33	30	PASS
165	5825	1	3.90	2.66	15.65	18.31	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
149	5745	0+1	21.64	27.57	PASS
157	5785	0+1	21.71	27.57	PASS
165	5825	0+1	21.72	27.57	PASS

802.11n20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
149	5745	0	6.71	2.29	16.51	18.80	30	PASS
157	5785	0	6.71	2.29	16.48	18.77	30	PASS
165	5825	0	6.71	2.29	16.51	18.80	30	PASS
149	5745	1	3.90	2.29	15.94	18.23	30	PASS
157	5785	1	3.90	2.29	15.77	18.06	30	PASS
165	5825	1	3.90	2.29	15.83	18.12	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
149	5745	0+1	21.53	27.57	PASS
157	5785	0+1	21.44	27.57	PASS
165	5825	0+1	21.48	27.57	PASS

802.11n40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
151	5755	0	6.71	2.63	14.71	19.30	30	PASS
159	5795	0	6.71	2.63	15.21	19.12	30	PASS
151	5755	1	3.90	2.67	16.63	19.30	30	PASS
159	5795	1	3.90	2.67	16.45	19.12	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
151	5755	0+1	21.44	27.57	PASS
159	5795	0+1	21.54	27.57	PASS

802.11ac20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
149	5745	0	6.71	0.78	17.08	17.86	30	PASS
157	5785	0	6.71	0.78	17.39	18.17	30	PASS
165	5825	0	6.71	0.78	17.81	18.59	30	PASS
149	5745	1	3.90	0.84	17.33	18.17	30	PASS
157	5785	1	3.90	0.84	17.21	18.05	30	PASS
165	5825	1	3.90	0.84	17.34	18.18	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)				Limit (dBm)	Result
149	5745	0+1	21.03				27.57	PASS
157	5785	0+1	21.12				27.57	PASS
165	5825	0+1	21.40				27.57	PASS

802.11ac40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
151	5755	0	6.71	0.93	18.22	19.15	30	PASS
159	5795	0	6.71	0.93	18.40	19.33	30	PASS
151	5755	1	3.90	0.91	18.42	19.33	30	PASS
159	5795	1	3.90	0.91	18.28	19.19	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)				Limit (dBm)	Result
151	5755	0+1	22.25				27.57	PASS
159	5795	0+1	22.27				27.57	PASS

802.11ac80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
155	5775	0	6.71	0.97	16.66	17.63	30	PASS
155	5775	1	3.90	0.97	17.40	18.37	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
155	5775	0+1	21.03	27.57	PASS

802.11ax20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
149	5745	0	6.71	2.29	18.64	19.03	30	PASS
157	5785	0	6.71	2.29	18.68	19.07	30	PASS
165	5825	0	6.71	2.29	18.65	19.04	30	PASS
149	5745	1	3.90	2.29	17.95	18.37	30	PASS
157	5785	1	3.90	2.29	17.86	18.28	30	PASS
165	5825	1	3.90	2.29	17.75	18.17	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
149	5745	0+1	21.72	27.57	PASS
157	5785	0+1	21.70	27.57	PASS
165	5825	0+1	21.64	27.57	PASS

802.11ax40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm))	Conducted Power (dBm)	Limit (dBm)	Result
151	5755	0	6.71	2.63	17.67	18.13	30	PASS
159	5795	0	6.71	2.63	17.92	18.38	30	PASS
151	5755	1	3.90	2.67	17.96	18.42	30	PASS
159	5795	1	3.90	2.67	17.76	18.22	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
151	5755	0+1	21.29	27.57	PASS
159	5795	0+1	21.31	27.57	PASS

802.11ax80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
155	5775	0	6.71	0.45	18.37	18.82	30	PASS
155	5775	1	3.90	0.48	17.88	18.36	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
155	5775	0+1	21.61	27.57	PASS

EIRP

5150MHz-5250MHz

802.11a

CH.	Freq. MHz	Ant. No.	DG(dBi)	Conducted Power (dBm)	EIRP(dBm)	Limit (dBm)	Result
36	5180	0+1	8.43	19.59	28.02	29.98	PASS
40	5200	0+1		19.74	28.17	29.98	PASS
48	5240	0+1		19.83	28.26	29.98	PASS

802.11n20

CH.	Freq. MHz	Ant. No.	DG(dBi)	Conducted Power (dBm)	EIRP(dBm)	Limit (dBm)	Result
36	5180	0+1	8.43	19.96	28.39	29.98	PASS
40	5200	0+1		19.68	28.11	29.98	PASS
48	5240	0+1		19.96	28.39	29.98	PASS

802.11n40

CH.	Freq. MHz	Ant. No.	DG(dBi)	Conducted Power (dBm)	EIRP(dBm)	Limit (dBm)	Result
38	5190	0+1	8.43	19.87	28.3	29.98	PASS
46	5230	0+1		19.87	28.3	29.98	PASS

802.11ac20

CH.	Freq. MHz	Ant. No.	DG(dBi)	Conducted Power (dBm)	EIRP(dBm)	Limit (dBm)	Result
36	5180	0+1	8.43	18.98	27.41	29.98	PASS
40	5200	0+1		19.45	27.88	29.98	PASS
48	5240	0+1		19.15	27.58	29.98	PASS

802.11ac40

CH.	Freq. MHz	Ant. No.	DG(dBi)	Conducted Power (dBm)	EIRP(dBm)	Limit (dBm)	Result
38	5190	0+1	8.43	19.87	28.3	29.98	PASS
46	5230	0+1		19.84	28.27	29.98	PASS