



26dB Bandwidth Within 6425-6525MHz band
Modulation Type: 802.11ax HE160 CH111
ANT 5



ANT 6





26dB Bandwidth Extends across 6525MHz band
Modulation Type: 802.11ax HE40 CH115
ANT 5



Modulation Type: 802.11ax HE80 CH119
ANT 5



ANT 6

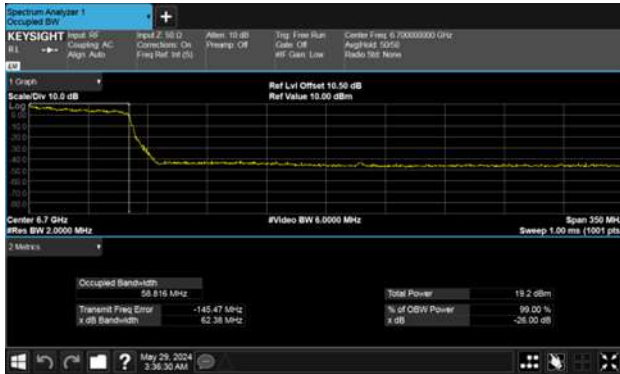


ANT 6





26dB Bandwidth Extends across 6525MHz band
Modulation Type: 802.11ax HE160 CH111
ANT 5



ANT 6





26dB Bandwidth U-NII-7
Modulation Type: 802.11a CH117
ANT 5



Modulation Type: 802.11a CH153
ANT 5



ANT 6



ANT 6







26dB Bandwidth U-NII-7

Modulation Type: 802.11ax HE20 CH117
ANT 5

Modulation Type: 802.11ax HE20 CH153
ANT 5



ANT 6



ANT 6





26dB Bandwidth U-NII-7
Modulation Type: 802.11ax HE20 CH181
ANT 5



ANT 6





26dB Bandwidth U-NII-7

Modulation Type: 802.11ax HE40 CH123

ANT 5



Modulation Type: 802.11ax HE40 CH155

ANT 5



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26dB Bandwidth U-NII-7
Modulation Type: 802.11ax HE40 CH179
ANT 5



ANT 6





26dB Bandwidth U-NII-7

Modulation Type: 802.11ax HE80 CH135

ANT 5



Modulation Type: 802.11ax HE80 CH151

ANT 5



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ANT 6





26dB Bandwidth U-NII-7
Modulation Type: 802.11ax HE80 CH167
ANT 5



ANT 6





26dB Bandwidth U-NII-7
Modulation Type: 802.11ax HE160 CH143
ANT 5



ANT 6





26dB Bandwidth Within 6525-6875MHz band
Modulation Type: 802.11a CH185
ANT 5



Modulation Type: 802.11ax HE20 CH185
ANT 5



ANT 6



ANT 6





26dB Bandwidth Within 6525-6875MHz band
Modulation Type: 802.11ax HE40 CH187
ANT 5



Modulation Type: 802.11ax HE80 CH183
ANT 5



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ANT 6





26dB Bandwidth Within 6525-6875MHz band
Modulation Type: 802.11ax HE160 CH175
ANT 5



ANT 6





26dB Bandwidth Extends across 6875MHz band
Modulation Type: 802.11a CH185
ANT 5



Modulation Type: 802.11ax HE20 CH185
ANT 5



ANT 6



ANT 6





26dB Bandwidth Extends across 6875MHz band
Modulation Type: 802.11ax HE40 CH187
ANT 5



Modulation Type: 802.11ax HE80 CH183
ANT 5



ANT 6



ANT 6





26dB Bandwidth Extends across 6875MHz band
Modulation Type: 802.11ax HE160 CH175
ANT 5



ANT 6





26dB Bandwidth U-NII-8
Modulation Type: 802.11a CH189
ANT 5



Modulation Type: 802.11a CH213
ANT 5



ANT 6



ANT 6





26dB Bandwidth U-NII-8
Modulation Type: 802.11a CH229
ANT 5



Modulation Type: 802.11a CH233
ANT 5



ANT 6



ANT 6





26dB Bandwidth U-NII-8
Modulation Type: 802.11ax HE20 CH189
ANT 5



Modulation Type: 802.11ax HE20 CH213
ANT 5



ANT 6



ANT 6





26dB Bandwidth U-NII-8

Modulation Type: 802.11ax HE20 CH229

ANT 5



Modulation Type: 802.11ax HE20 CH233

ANT 5



ANT 6



ANT 6





26dB Bandwidth U-NII-8

Modulation Type: 802.11ax HE40 CH195

ANT 5



Modulation Type: 802.11ax HE40 CH211

ANT 5



ANT 6



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26dB Bandwidth U-NII-8
Modulation Type: 802.11ax HE40 CH227
ANT 5



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26dB Bandwidth U-NII-8

Modulation Type: 802.11ax HE80 CH199

ANT 5



Modulation Type: 802.11ax HE80 CH215

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26dB Bandwidth U-NII-8
Modulation Type: 802.11ax HE160 CH207
ANT 5



ANT 6





99% Bandwidth U-NII-5
Modulation Type: 802.11a CH01
ANT 5



Modulation Type: 802.11a CH45
ANT 5



ANT 6



ANT 6





99% Bandwidth U-NII-5
Modulation Type: 802.11a CH93
ANT 5



ANT 6





99% Bandwidth U-NII-5
Modulation Type: 802.11ax HE20 CH01
ANT 5



Modulation Type: 802.11ax HE20 CH45
ANT 5



ANT 6



ANT 6





99% Bandwidth U-NII-5
Modulation Type: 802.11ax HE20 CH93
ANT 5



ANT 6





99% Bandwidth U-NII-5

Modulation Type: 802.11ax HE40 CH03

ANT 5



Modulation Type: 802.11ax HE40 CH43

ANT 5



ANT 6



ANT 6





99% Bandwidth U-NII-5
Modulation Type: 802.11ax HE40 CH91
ANT 5



ANT 6





99% Bandwidth U-NII-5
Modulation Type: 802.11ax HE80 CH07
ANT 5



Modulation Type: 802.11ax HE80 CH39
ANT 5



ANT 6



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[illegible]

Spectrum Analyzer 1
 Occupied BW

KEYSTONE Input: RF, Coupling: AC, Attain: 30 dB, Integ: Free Run, Center Freq: 6.350000000 GHz
 Align: Auto, Corrections: On, Preset: CW, Gate: Off, Ref: Gain: Low, Resolved: 100 dB, Video BW: None

Scale Div: 10.0 dB, Ref Lvl Offset: 10.50 dB, Ref Value: 30.00 dBm

Center: 6.345 GHz, Span: 120 MHz, IVideo BW: 3.0000 MHz, Sweep: 1.07 MHz (4000 pts)

Occupied Bandwidth: 76.510 MHz, Total Power: 19.2 dBm
 Transmit Freq Error: 90.910 MHz, % of OBW Power: 99.00 %
 x dB Bandwidth: 81.28 MHz, x dB: -26.00 dB



99% Bandwidth U-NII-5

Modulation Type: 802.11ax HE160 CH15

ANT 5



Modulation Type: 802.11ax HE160 CH47

ANT 5



ANT 6



ANT 6





99% Bandwidth U-NII-5
Modulation Type: 802.11ax HE160 CH79
ANT 5



ANT 6

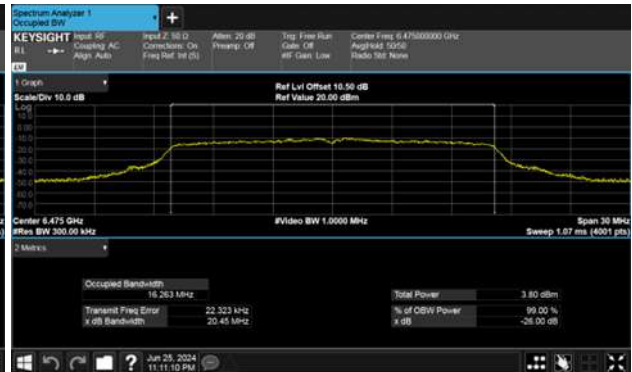




99% Bandwidth U-NII-6
Modulation Type: 802.11a CH97
ANT 5



Modulation Type: 802.11a CH105
ANT 5



ANT 6



ANT 6





99% Bandwidth U-NII-6

Modulation Type: 802.11ax HE20 CH97

ANT 5



Modulation Type: 802.11ax HE20 CH105

ANT 5



ANT 6



ANT 6





99% Bandwidth U-NII-6
Modulation Type: 802.11ax HE20 CH113
ANT 5



ANT 6





99% Bandwidth U-NII-6

Modulation Type: 802.11ax HE40 CH99

ANT 5



Modulation Type: 802.11ax HE40 CH107

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99% Bandwidth U-NII-6
Modulation Type: 802.11ax HE80 CH103
ANT 5



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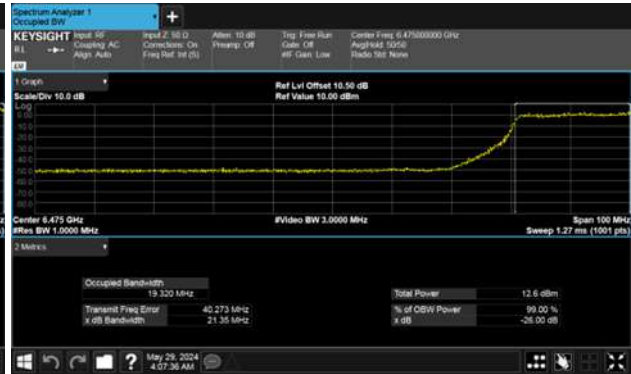




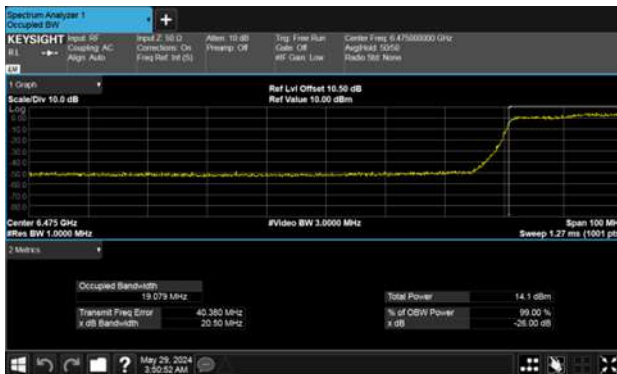
99% Bandwidth Within 6425-6525MHz band
Modulation Type: 802.11ax HE40 CH115
ANT 5



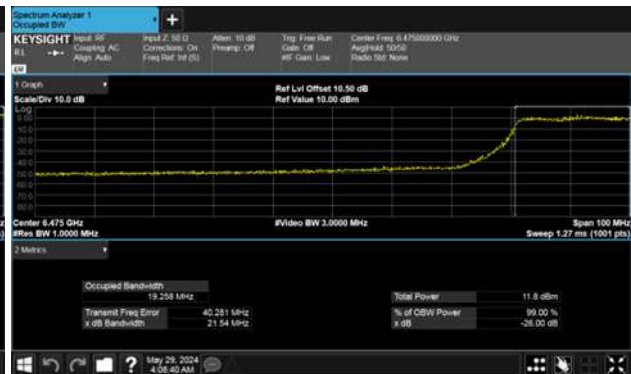
Modulation Type: 802.11ax HE80 CH119
ANT 5



ANT 6



ANT 6





99% Bandwidth Within 6425-6525MHz band
Modulation Type: 802.11ax HE160 CH111
ANT 5



ANT 6





99% Bandwidth Extends across 6525MHz band
Modulation Type: 802.11ax HE40 CH115
ANT 5



Modulation Type: 802.11ax HE80 CH119
ANT 5



ANT 6

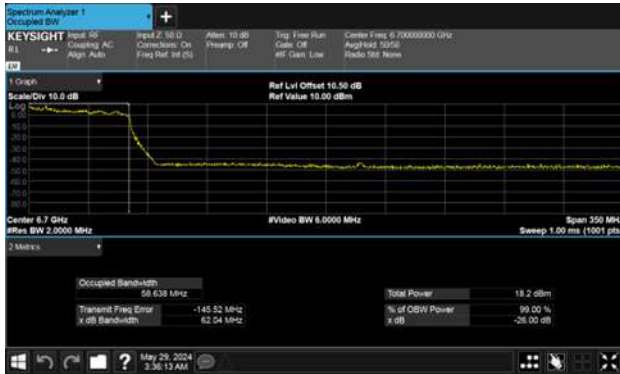


ANT 6





99% Bandwidth Extends across 6525MHz band
Modulation Type: 802.11ax HE160 CH111
ANT 5



ANT 6





99% Bandwidth U-NII-7
Modulation Type: 802.11a CH117
ANT 5



Modulation Type: 802.11a CH153
ANT 5



ANT 6



ANT 6





99% Bandwidth U-NII-7
Modulation Type: 802.11a CH181
ANT 5



ANT 6





99% Bandwidth U-NII-7

Modulation Type: 802.11ax HE20 CH117
ANT 5Modulation Type: 802.11ax HE20 CH153
ANT 5

ANT 6



ANT 6





99% Bandwidth U-NII-7
Modulation Type: 802.11ax HE20 CH181
ANT 5



ANT 6





99% Bandwidth U-NII-7

Modulation Type: 802.11ax HE40 CH123

ANT 5



Modulation Type: 802.11ax HE40 CH155

ANT 5



ANT 6



ANT 6





99% Bandwidth U-NII-7
Modulation Type: 802.11ax HE40 CH179
ANT 5



ANT 6





Modulation Type: 802.11ax HE80 CH135
ANT 5

Modulation Type: 802.11ax HE80 CH151
ANT 5

ANT 6



ANT 6





99% Bandwidth U-NII-7
Modulation Type: 802.11ax HE80 CH167
ANT 5



ANT 6





99% Bandwidth U-NII-7
Modulation Type: 802.11ax HE160 CH143
ANT 5



ANT 6





99% Bandwidth Within 6525-6875MHz band
Modulation Type: 802.11a CH185
ANT 5



Modulation Type: 802.11ax HE20 CH185
ANT 5



ANT 6



ANT 6





99% Bandwidth Within 6525-6875MHz band
Modulation Type: 8802.11ax HE40 CH187
ANT 5



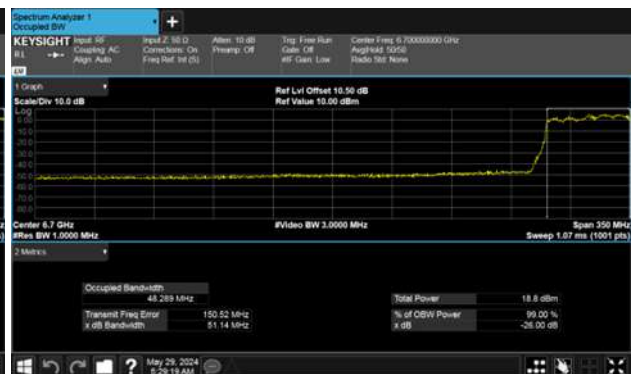
Modulation Type: 802.11ax HE80 CH183
ANT 5



ANT 6



ANT 6





99% Bandwidth Within 6525-6875MHz band
Modulation Type: 802.11ax HE160 CH175
ANT 5



ANT 6





99% Bandwidth Extends across 6875MHz band
Modulation Type: 802.11a CH185
ANT 5



Modulation Type: 802.11ax HE20 CH185
ANT 5



ANT 6



ANT 6





99% Bandwidth Extends across 6875MHz band
Modulation Type: 802.11ax HE40 CH187
ANT 5



Modulation Type: 802.11ax HE80 CH183
ANT 5



ANT 6



ANT 6





99% Bandwidth Extends across 6875MHz band
Modulation Type: 802.11ax HE160 CH175
ANT 5



ANT 6





99% Bandwidth U-NII-8
Modulation Type: 802.11a CH189
ANT 5



Modulation Type: 802.11a CH213
ANT 5



ANT 6



ANT 6





99% Bandwidth U-NII-8
Modulation Type: 802.11a CH229
ANT 5



Modulation Type: 802.11a CH233
ANT 5



ANT 6



ANT 6





99% Bandwidth U-NII-8
Modulation Type: 802.11ax HE20 CH189
ANT 5



Modulation Type: 802.11ax HE20 CH213
ANT 5



ANT 6



ANT 6





99% Bandwidth U-NII-8

Modulation Type: 802.11ax HE20 CH229

ANT 5



Modulation Type: 802.11ax HE20 CH233

ANT 5



ANT 6



ANT 6





99% Bandwidth U-NII-8

Modulation Type: 802.11ax HE40 CH195

ANT 5



Modulation Type: 802.11ax HE40 CH211

ANT 5



ANT 6



ANT 6





99% Bandwidth U-NII-8
Modulation Type: 802.11ax HE40 CH227
ANT 5



ANT 6





99% Bandwidth U-NII-8

Modulation Type: 802.11ax HE80 CH199

ANT 5



Modulation Type: 802.11ax HE80 CH215

ANT 5



ANT 6



ANT 6





99% Bandwidth U-NII-8
Modulation Type: 802.11ax HE160 CH207
ANT 5



ANT 6





9. Maximum Equivalent Isotropically Radiated Power(E.I.R.P.)

9.1. Test Limit

Frequency Band		Limit
☒	5.925~6.425GHz	
	Operating Mode	
	☐ For standard power access point and fixed client device :	e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	☒ For indoor access point :	e.i.r.p < 30 dBm.
	☐ For subordinate device control of an indoor access point :	e.i.r.p < 30 dBm.
	☐ For client device control of a standard power access point:	e.i.r.p < 30 dBm.
	☐ For client device control of an indoor access point:	e.i.r.p < 24 dBm.
☒	☐ For very low power devices	e.i.r.p < 14 dBm.
	6.425-6.525 GHz	
	Operating Mode	
☒	☒ For indoor access point	e.i.r.p < 30 dBm.
	☐ For client device control of an indoor access point ::	e.i.r.p < 24 dBm.
☒	6.525~6.875 GHz	
	Operating Mode	
	☐ For standard power access point and fixed client device :	e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	☒ For indoor access point :	e.i.r.p < 30 dBm.
	☐ For subordinate device control of an indoor access point :	e.i.r.p < 30 dBm.
	☐ For client device control of a standard power access point:	e.i.r.p < 30 dBm.
	☐ For client device control of an indoor access point:	e.i.r.p < 24 dBm.
☒	☐ For very low power devices	e.i.r.p < 14 dBm.
	6.875-7.125 GHz	
	Operating Mode	
☒	☒ For indoor access point	e.i.r.p < 30 dBm.
	☐ For client device control of an indoor access point ::	e.i.r.p < 24 dBm.

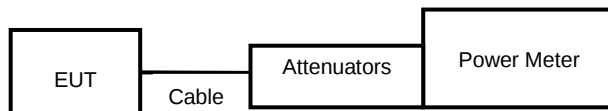


9.2. Test Procedure

The transmitter output is connected to a power meter.

The cable assembly insertion loss of 11.5 dB (including 10 dB pad and 1.5 dB cable) was entered as an offset in the power meter to allow for direct reading of power.

9.3. Test Setup Layout





9.4. Test Result and Data

Non-Beamforming

U-NII-5

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total conducted power (dBm)	Total conducted power (mW)	Antenna Gain (dBi)	Total E.I.R.P (dBm)	Total E.I.R.P (mW)	E.I.R.P Limit (dBm)
					ANT 5	ANT 6						
11a	6 Mbps	7	1	5955	6.64	6.82	9.74	9.422	5.30	15.04	31.92	30.00
11a	6 Mbps	7	45	6175	6.76	6.88	9.83	9.618	5.30	15.13	32.59	30.00
11a	6 Mbps	7	93	6415	6.39	5.82	9.12	8.175	5.30	14.42	27.70	30.00
11ax HE20	NSS1-MCS0	7	1	5955	6.72	6.80	9.77	9.485	5.30	15.07	32.14	30.00
11ax HE20	NSS1-MCS0	7.5	45	6175	7.54	7.38	10.47	11.146	5.30	15.77	37.77	30.00
11ax HE20	NSS1-MCS0	7.5	93	6415	6.82	6.54	9.69	9.317	5.30	14.99	31.57	30.00
11ax HE40	NSS1-MCS0	9.5	3	5965	9.63	9.80	12.73	18.733	5.30	18.03	63.48	30.00
11ax HE40	NSS1-MCS0	9.5	43	6165	9.78	9.91	12.86	19.301	5.30	18.16	65.40	30.00
11ax HE40	NSS1-MCS0	10	91	6405	9.79	9.45	12.63	18.338	5.30	17.93	62.14	30.00
11ax HE80	NSS1-MCS0	12	7	5985	12.11	12.12	15.13	32.548	5.30	20.43	110.29	30.00
11ax HE80	NSS1-MCS0	12	39	6145	12.22	12.15	15.20	33.078	5.30	20.50	112.08	30.00
11ax HE80	NSS1-MCS0	12.5	87	6385	12.41	11.65	15.06	32.040	5.30	20.36	108.57	30.00
11ax HE160	NSS1-MCS0	14	15	6025	14.80	14.91	17.87	61.174	5.30	23.17	207.28	30.00
11ax HE160	NSS1-MCS0	14	47	6185	14.72	14.83	17.79	60.057	5.30	23.09	203.50	30.00
11ax HE160	NSS1-MCS0	14	79	6345	14.76	14.63	17.71	58.963	5.30	23.01	199.79	30.00

U-NII-6

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total conducted power (dBm)	Total conducted power (mW)	Antenna Gain (dBi)	Total E.I.R.P (dBm)	Total E.I.R.P (mW)	E.I.R.P Limit (dBm)
					ANT 5	ANT 6						
11a	6 Mbps	7	97	6435	6.22	5.78	9.02	7.972	5.10	14.12	25.80	30.00
11a	6 Mbps	7	105	6475	6.77	6.02	9.42	8.753	5.10	14.52	28.32	30.00
11a	6 Mbps	6	113	6515	6.07	5.44	8.78	7.545	5.10	13.88	24.42	30.00
11ax HE20	NSS1-MCS0	8	97	6435	7.34	6.82	10.10	10.228	5.10	15.20	33.10	30.00
11ax HE20	NSS1-MCS0	7.5	105	6475	7.31	6.53	9.95	9.880	5.10	15.05	31.97	30.00
11ax HE20	NSS1-MCS0	7	113	6515	7.46	6.57	10.05	10.111	5.10	15.15	32.72	30.00
11ax HE40	NSS1-MCS0	10.5	99	6445	10.12	9.72	12.93	19.656	5.10	18.03	63.60	30.00
11ax HE40	NSS1-MCS0	10	107	6485	9.93	9.37	12.67	18.490	5.10	17.77	59.83	30.00
11ax HE80	NSS1-MCS0	12.5	103	6465	12.30	11.67	15.01	31.672	5.10	20.11	102.49	30.00



U-NII-7

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total conducted power (dBm)	Total conducted power (mW)	Antenna Gain (dBi)	Total E.I.R.P (dBm)	Total E.I.R.P (mW)	E.I.R.P Limit (dBm)
					ANT 5	ANT 6						
11a	6 Mbps	6	117	6535	6.26	5.57	8.94	7.832	5.10	14.04	25.35	30.00
11a	6 Mbps	6	153	6715	6.13	5.85	9.00	7.948	5.10	14.10	25.72	30.00
11a	6 Mbps	6	181	6855	6.28	5.54	8.94	7.827	5.10	14.04	25.33	30.00
11ax HE20	NSS1-MCS0	6.5	117	6535	7.11	6.47	9.81	9.577	5.10	14.91	30.99	30.00
11ax HE20	NSS1-MCS0	7.5	153	6715	7.48	6.52	10.04	10.085	5.10	15.14	32.63	30.00
11ax HE20	NSS1-MCS0	6.5	181	6855	6.43	6.19	9.32	8.555	5.10	14.42	27.68	30.00
11ax HE40	NSS1-MCS0	9	123	6565	9.42	8.96	12.21	16.620	5.10	17.31	53.78	30.00
11ax HE40	NSS1-MCS0	9.5	155	6725	9.78	9.12	12.47	17.672	5.10	17.57	57.19	30.00
11ax HE40	NSS1-MCS0	9	179	6845	9.46	8.89	12.19	16.575	5.10	17.29	53.64	30.00
11ax HE80	NSS1-MCS0	12	135	6625	12.06	11.43	14.77	29.969	5.10	19.87	96.98	30.00
11ax HE80	NSS1-MCS0	11.5	151	6705	11.82	10.93	14.41	27.593	5.10	19.51	89.29	30.00
11ax HE80	NSS1-MCS0	11	167	6785	11.94	11.08	14.54	28.455	5.10	19.64	92.08	30.00
11ax HE160	NSS1-MCS0	14	143	6665	14.43	14.03	17.24	53.026	5.10	22.34	171.59	30.00

U-NII-8

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total conducted power (dBm)	Total conducted power (mW)	Antenna Gain (dBi)	Total E.I.R.P (dBm)	Total E.I.R.P (mW)	E.I.R.P Limit (dBm)
					ANT 5	ANT 6						
11a	6 Mbps	6.5	189	6895	6.70	6.62	9.67	9.269	5.30	14.97	31.41	30.00
11a	6 Mbps	6.5	213	7015	7.02	6.88	9.96	9.910	5.30	15.26	33.58	30.00
11a	6 Mbps	7	229	7095	6.98	6.54	9.78	9.497	5.30	15.08	32.18	30.00
11a	6 Mbps	6.5	233	7115	6.56	6.42	9.50	8.914	5.30	14.80	30.21	30.00
11ax HE20	NSS1-MCS0	7	189	6895	6.91	6.69	9.81	9.576	5.30	15.11	32.45	30.00
11ax HE20	NSS1-MCS0	7.5	213	7015	7.42	7.10	10.27	10.649	5.30	15.57	36.08	30.00
11ax HE20	NSS1-MCS0	7	229	7095	7.08	7.15	10.13	10.293	5.30	15.43	34.88	30.00
11ax HE20	NSS1-MCS0	-8	233	7115	-7.62	-7.91	-4.75	0.335	5.30	0.55	1.13	30.00
11ax HE40	NSS1-MCS0	9.5	195	6925	9.63	9.06	12.36	17.237	5.30	17.66	58.41	30.00
11ax HE40	NSS1-MCS0	9.5	211	7005	10.02	9.51	12.78	18.979	5.30	18.08	64.31	30.00
11ax HE40	NSS1-MCS0	9.5	227	7085	9.76	9.63	12.71	18.646	5.30	18.01	63.18	30.00
11ax HE80	NSS1-MCS0	12	199	6945	12.03	11.59	14.83	30.380	5.30	20.13	102.94	30.00
11ax HE80	NSS1-MCS0	12.5	215	7025	12.72	12.51	15.63	36.531	5.30	20.93	123.78	30.00
11ax HE160	NSS1-MCS0	14.5	207	6985	14.50	14.72	17.62	57.832	5.30	22.92	195.96	30.00



Maximum Conducted Output Power (Within 6425-6525MHz band) RF Output Power(dBm)											
Setting	Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (dBm)	Antenna Gain (dBi)	With duty factor EIRP (dBm)	EIRP Limit (dBm)
				ANT 5	ANT 6						
9.5	11ax HE40	NSS1-MCS0	6525	6.78	5.72	9.29	0.00	9.29	5.10	14.39	30.00
12	11ax HE80	NSS1-MCS0	6545	4.13	3.23	6.71	0.00	6.71	5.10	11.81	30.00
14.5	11ax HE160	NSS1-MCS0	6505	13.69	12.48	16.14	0.00	16.14	5.10	21.24	30.00

Maximum Conducted Output Power (Extends across 6525MHz band) RF Output Power(dBm)											
Setting	Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (dBm)	Antenna Gain (dBi)	With duty factor EIRP (dBm)	EIRP Limit (dBm)
				ANT 5	ANT 6						
9.5	11ax HE40	NSS1-MCS0	6525	6.99	5.78	9.44	0.00	9.44	5.10	14.54	30.00
12	11ax HE80	NSS1-MCS0	6545	11.25	10.26	13.79	0.00	13.79	5.10	18.89	30.00
14.5	11ax HE160	NSS1-MCS0	6505	9.53	8.23	11.94	0.00	11.94	5.10	17.04	30.00

Modulation Type	Data Rate	Setting	Avg Power Output (dBm)		Total Power
			ANT 5	ANT 6	(dBm)
Meter power (for full power)					
11ax HE40	NSS1-MCS0	9.5	9.63	9.02	12.35
11ax HE80	NSS1-MCS0	12	11.86	11.21	14.56
11ax HE160	NSS1-MCS0	14.5	14.82	14.15	17.51

* Meter Average Power is for reference only.



Maximum Conducted Output Power (Within 6525-6875MHz band) RF Output Power(dBm)											
Setting	Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (dBm)	Antenna Gain (dBi)	With duty factor EIRP (dBm)	EIRP Limit (dBm)
				ANT 5	ANT 6						
6.5	11a	6 Mbps	6875	2.29	3.43	5.91	0.00	5.91	5.10	11.01	30.00
7.5	11ax HE20	NSS1-MCS0	6875	3.51	4.09	6.82	0.00	6.82	5.10	11.92	30.00
9.5	11ax HE40	NSS1-MCS0	6885	1.12	2.46	4.85	0.00	4.85	5.10	9.95	30.00
11.5	11ax HE80	NSS1-MCS0	6865	9.79	10.49	13.16	0.00	13.16	5.10	18.26	30.00
12.5	11ax HE160	NSS1-MCS0	6825	13.25	13.11	16.19	0.00	16.19	5.10	21.29	30.00

Maximum Conducted Output Power (Extends across 6875MHz band) RF Output Power(dBm)											
Setting	Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (dBm)	Antenna Gain (dBi)	With duty factor EIRP (dBm)	EIRP Limit (dBm)
				ANT 5	ANT 6						
6.5	11a	6 Mbps	6875	2.30	3.61	6.01	0.00	6.01	5.30	11.31	30.00
7.5	11ax HE20	NSS1-MCS0	6875	3.25	4.17	6.74	0.00	6.74	5.30	12.04	30.00
9.5	11ax HE40	NSS1-MCS0	6885	7.34	8.70	11.08	0.00	11.08	5.30	16.38	30.00
11.5	11ax HE80	NSS1-MCS0	6865	5.10	5.59	8.36	0.00	8.36	5.30	13.66	30.00
12.5	11ax HE160	NSS1-MCS0	6825	2.37	2.13	5.26	0.00	5.26	5.30	10.56	30.00

Modulation Type	Data Rate	Setting	Avg Power Output (dBm)		Total Power
			ANT 5	ANT 6	(dBm)
Meter power (for full power)					
11a	6 Mbps	6.5	6.02	6.54	9.30
11ax HE20	NSS1-MCS0	7.5	6.47	7.27	9.90
11ax HE40	NSS1-MCS0	9.5	8.64	9.75	12.24
11ax HE80	NSS1-MCS0	11.5	11.02	11.68	14.37
11ax HE160	NSS1-MCS0	12.5	13.47	13.42	16.46

* Meter Average Power is for reference only.

Beamforming
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Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total conducted power (dBm)	Total conducted power (mW)	Antenna Gain (dBi)	Total E.I.R.P (dBm)	Total E.I.R.P (mW)	E.I.R.P Limit (dBm)
					ANT 5	ANT 6						
11ax HE20	NSS1-MCS0	2	1	5955	4.31	3.08	6.75	4.730	8.06	14.81	30.26	30.00
11ax HE20	NSS1-MCS0	2.5	45	6175	4.21	4.42	7.33	5.403	8.06	15.39	34.57	30.00
11ax HE20	NSS1-MCS0	4	93	6415	3.66	3.35	6.52	4.485	8.06	14.58	28.70	30.00
11ax HE40	NSS1-MCS0	6.5	3	5965	6.49	6.51	9.51	8.934	8.06	17.57	57.15	30.00
11ax HE40	NSS1-MCS0	6.5	43	6165	6.65	6.61	9.64	9.205	8.06	17.70	58.89	30.00
11ax HE40	NSS1-MCS0	7	91	6405	6.81	6.31	9.58	9.073	8.06	17.64	58.04	30.00
11ax HE80	NSS1-MCS0	9	7	5985	9.00	8.91	11.97	15.724	8.06	20.03	100.59	30.00
11ax HE80	NSS1-MCS0	9	39	6145	9.11	9.03	12.08	16.145	8.06	20.14	103.29	30.00
11ax HE80	NSS1-MCS0	9.5	87	6385	9.37	8.81	12.11	16.253	8.06	20.17	103.98	30.00
11ax HE160	NSS1-MCS0	11	15	6025	11.92	11.52	14.73	29.750	8.06	22.79	190.32	30.00
11ax HE160	NSS1-MCS0	11	47	6185	11.83	11.62	14.74	29.762	8.06	22.80	190.40	30.00
11ax HE160	NSS1-MCS0	11	79	6345	11.47	11.32	14.41	27.580	8.06	22.47	176.44	30.00

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Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total conducted power (dBm)	Total conducted power (mW)	Antenna Gain (dBi)	Total E.I.R.P (dBm)	Total E.I.R.P (mW)	E.I.R.P Limit (dBm)
					ANT 5	ANT 6						
11ax HE20	NSS1-MCS0	5	97	6435	4.42	4.35	7.40	5.490	7.77	15.17	32.85	30.00
11ax HE20	NSS1-MCS0	4.5	105	6475	4.41	4.03	7.23	5.290	7.77	15.00	31.66	30.00
11ax HE20	NSS1-MCS0	4	113	6515	3.89	3.22	6.58	4.548	7.77	14.35	27.22	30.00
11ax HE40	NSS1-MCS0	7.5	99	6445	7.12	6.50	9.83	9.619	7.77	17.60	57.56	30.00
11ax HE40	NSS1-MCS0	7	107	6485	7.00	6.22	9.64	9.200	7.77	17.41	55.05	30.00
11ax HE80	NSS1-MCS0	9.5	103	6465	9.12	8.60	11.88	15.410	7.77	19.65	92.22	30.00



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Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total conducted power (dBm)	Total conducted power (mW)	Antenna Gain (dBi)	Total E.I.R.P (dBm)	Total E.I.R.P (mW)	E.I.R.P Limit (dBm)
					ANT 5	ANT 6						
11ax HE20	NSS1-MCS0	4	117	6535	3.71	3.10	6.43	4.391	8.01	14.44	27.77	30.00
11ax HE20	NSS1-MCS0	3.5	153	6715	4.12	3.73	6.94	4.943	8.01	14.95	31.26	30.00
11ax HE20	NSS1-MCS0	3	181	6855	3.12	3.60	6.38	4.342	8.01	14.39	27.46	30.00
11ax HE40	NSS1-MCS0	6	123	6565	6.51	5.72	9.14	8.210	8.01	17.15	51.92	30.00
11ax HE40	NSS1-MCS0	6.5	155	6725	6.90	6.12	9.54	8.990	8.01	17.55	56.86	30.00
11ax HE40	NSS1-MCS0	6	179	6845	6.43	5.92	9.19	8.304	8.01	17.20	52.51	30.00
11ax HE80	NSS1-MCS0	9	135	6625	9.10	8.07	11.63	14.540	8.01	19.64	91.96	30.00
11ax HE80	NSS1-MCS0	8.5	151	6705	8.80	7.86	11.37	13.695	8.01	19.38	86.61	30.00
11ax HE80	NSS1-MCS0	8.5	167	6785	8.74	8.51	11.64	14.577	8.01	19.65	92.19	30.00
11ax HE160	NSS1-MCS0	11	143	6665	11.62	10.92	14.29	26.881	8.01	22.30	170.00	30.00

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Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total conducted power (dBm)	Total conducted power (mW)	Antenna Gain (dBi)	Total E.I.R.P (dBm)	Total E.I.R.P (mW)	E.I.R.P Limit (dBm)
					ANT 5	ANT 6						
11ax HE20	NSS1-MCS0	4	189	6895	4.02	3.61	6.83	4.820	8.26	15.09	32.29	30.00
11ax HE20	NSS1-MCS0	4.5	213	7015	4.43	3.82	7.15	5.183	8.26	15.41	34.72	30.00
11ax HE20	NSS1-MCS0	3.5	229	7095	4.19	3.70	6.96	4.968	8.26	15.22	33.28	30.00
11ax HE20	NSS1-MCS0	-11	233	7115	-10.62	-10.98	-7.79	0.166	8.26	0.47	1.12	30.00
11ax HE40	NSS1-MCS0	6.5	195	6925	6.65	5.84	9.27	8.461	8.26	17.53	56.68	30.00
11ax HE40	NSS1-MCS0	6.5	211	7005	6.92	6.53	9.74	9.418	8.26	18.00	63.09	30.00
11ax HE40	NSS1-MCS0	6.5	227	7085	6.81	6.60	9.72	9.368	8.26	17.98	62.76	30.00
11ax HE80	NSS1-MCS0	9	199	6945	9.12	8.37	11.77	15.037	8.26	20.03	100.73	30.00
11ax HE80	NSS1-MCS0	9.5	215	7025	9.73	9.24	12.50	17.792	8.26	20.76	119.18	30.00
11ax HE160	NSS1-MCS0	11.5	207	6985	11.80	11.12	14.48	28.078	8.26	22.74	188.09	30.00



Maximum Conducted Output Power (Within 6425-6525MHz band) RF Output Power(dBm)											
Setting	Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (dBm)	Antenna Gain (dBi)	With duty factor EIRP (dBm)	EIRP Limit (dBm)
				ANT 5	ANT 6						
6.5	11ax HE40	NSS1-MCS0	6525	2.99	2.26	5.65	0.00	5.65	7.77	13.42	30.00
8.5	11ax HE80	NSS1-MCS0	6545	0.63	-0.28	3.21	0.00	3.21	7.77	10.98	30.00
11.5	11ax HE160	NSS1-MCS0	6505	10.05	9.32	12.71	0.00	12.71	7.77	20.48	30.00

Maximum Conducted Output Power (Extends across 6525MHz band) RF Output Power(dBm)											
Setting	Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (dBm)	Antenna Gain (dBi)	With duty factor EIRP (dBm)	EIRP Limit (dBm)
				ANT 5	ANT 6						
6.5	11ax HE40	NSS1-MCS0	6525	3.17	2.38	5.80	0.00	5.80	8.01	13.81	30.00
8.5	11ax HE80	NSS1-MCS0	6545	7.79	6.93	10.39	0.00	10.39	8.01	18.40	30.00
11.5	11ax HE160	NSS1-MCS0	6505	5.98	5.10	8.57	0.00	8.57	8.01	16.58	30.00



Maximum Conducted Output Power (Within 6525-6875MHz band) RF Output Power(dBm)											
Setting	Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (dBm)	Antenna Gain (dBi)	With duty factor EIRP (dBm)	EIRP Limit (dBm)
				ANT 5	ANT 6						
4.5	11ax HE20	NSS1-MCS0	6875	0.17	0.39	3.29	0.00	3.29	8.01	11.30	30.00
6.5	11ax HE40	NSS1-MCS0	6885	-2.45	-0.88	1.42	0.00	1.42	8.01	9.43	30.00
8	11ax HE80	NSS1-MCS0	6865	5.96	6.92	9.48	0.00	9.48	8.01	17.49	30.00
9	11ax HE160	NSS1-MCS0	6825	8.78	9.46	12.14	0.00	12.14	8.01	20.15	30.00

Maximum Conducted Output Power (Extends across 6875MHz band) RF Output Power(dBm)											
Setting	Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (dBm)	Antenna Gain (dBi)	With duty factor EIRP (dBm)	EIRP Limit (dBm)
				ANT 5	ANT 6						
4.5	11ax HE20	NSS1-MCS0	6875	0.12	0.45	3.30	0.00	3.30	8.26	11.56	30.00
6.5	11ax HE40	NSS1-MCS0	6885	4.06	5.45	7.82	0.00	7.82	8.26	16.08	30.00
8	11ax HE80	NSS1-MCS0	6865	1.67	2.29	5.00	0.00	5.00	8.26	13.26	30.00
9	11ax HE160	NSS1-MCS0	6825	-1.46	-1.32	1.62	0.00	1.62	8.26	9.88	30.00