Standalone with wireless charging cover

Above 1 GHz

Band :	UNII 1
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	62.68	-6.51	V	56.17	68.20	12.03	PK
15540	63.04	-6.42	V	56.62	73.98	17.36	PK
15540	49.49	-6.42	V	43.07	53.98	10.91	AV
10360	62.73	-6.51	H	56.22	68.20	11.98	PK
15540	63.14	-6.42	H	56.72	73.98	17.26	PK
15540	49.50	-6.42	H	43.08	53.98	10.90	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	62.86	-6.49	V	56.37	68.20	11.83	PK
15600	64.70	-7.15	V	57.55	73.98	16.43	PK
15600	50.03	-7.15	V	42.88	53.98	11.10	AV
10400	62.96	-6.49	H	56.47	68.20	11.73	PK
15600	64.73	-7.15	H	57.58	73.98	16.40	PK
15600	50.05	-7.15	H	42.90	53.98	11.08	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	62.94	-6.96	V	55.98	68.20	12.22	PK
15720	63.54	-6.62	V	56.92	73.98	17.06	PK
15720	50.22	-6.62	V	43.60	53.98	10.38	AV
10480	62.99	-6.96	H	56.03	68.20	12.17	PK
15720	63.63	-6.96	H	56.67	73.98	17.31	PK
15720	50.25	-6.62	H	43.63	53.98	10.35	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 1
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	62.65	-6.51	V	56.14	68.20	12.06	PK
15540	63.01	-6.42	V	56.59	73.98	17.39	PK
15540	49.46	-6.42	V	43.04	53.98	10.94	AV
10360	62.70	-6.51	H	56.19	68.20	12.01	PK
15540	63.11	-6.42	H	56.69	73.98	17.29	PK
15540	49.48	-6.42	H	43.06	53.98	10.92	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	62.83	-6.49	V	56.34	68.20	11.86	PK
15600	64.67	-7.15	V	57.52	73.98	16.46	PK
15600	50.00	-7.15	V	42.85	53.98	11.13	AV
10400	62.93	-6.49	H	56.44	68.20	11.76	PK
15600	64.70	-7.15	H	57.55	73.98	16.43	PK
15600	50.03	-7.15	H	42.88	53.98	11.10	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	62.91	-6.96	V	55.95	68.20	12.25	PK
15720	63.51	-6.62	V	56.89	73.98	17.09	PK
15720	50.19	-6.62	V	43.57	53.98	10.41	AV
10480	62.96	-6.96	H	56.00	68.20	12.20	PK
15720	63.60	-6.96	H	56.64	73.98	17.34	PK
15720	50.23	-6.62	H	43.61	53.98	10.37	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	62.63	-6.51	V	56.12	68.20	12.08	PK
15540	62.99	-6.42	V	56.57	73.98	17.41	PK
15540	49.44	-6.42	V	43.02	53.98	10.96	AV
10360	62.67	-6.51	H	56.16	68.20	12.04	PK
15540	63.08	-6.42	H	56.66	73.98	17.32	PK
15540	49.46	-6.42	H	43.04	53.98	10.94	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	62.81	-6.49	V	56.32	68.20	11.88	PK
15600	64.65	-7.15	V	57.50	73.98	16.48	PK
15600	49.98	-7.15	V	42.83	53.98	11.15	AV
10400	62.90	-6.49	H	56.41	68.20	11.79	PK
15600	64.67	-7.15	H	57.52	73.98	16.46	PK
15600	50.01	-7.15	H	42.86	53.98	11.12	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	62.89	-6.96	V	55.93	68.20	12.27	PK
15720	63.49	-6.62	V	56.87	73.98	17.11	PK
15720	50.17	-6.62	V	43.55	53.98	10.43	AV
10480	62.93	-6.96	H	55.97	68.20	12.23	PK
15720	63.57	-6.96	H	56.61	73.98	17.37	PK
15720	50.21	-6.62	H	43.59	53.98	10.39	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10380	62.15	-5.38	V	56.77	68.20	11.43	PK
15570	63.85	-6.41	V	57.44	73.98	16.54	PK
15570	50.06	-6.41	V	43.65	53.98	10.33	AV
10380	62.31	-5.38	H	56.93	68.20	11.27	PK
15570	63.91	-6.41	H	57.50	73.98	16.48	PK
15570	50.09	-6.41	H	43.68	53.98	10.30	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5230 MHz
Channel No.	46 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10460	63.82	-6.88	V	56.94	68.20	11.26	PK
15690	64.11	-6.64	V	57.47	73.98	16.51	PK
15690	50.69	-6.64	V	44.05	53.98	9.93	AV
10460	63.78	-6.88	H	56.90	68.20	11.30	PK
15690	64.15	-6.64	H	57.51	73.98	16.47	PK
15690	50.72	-6.64	H	44.08	53.98	9.90	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10380	62.13	-5.38	V	56.75	68.20	11.45	PK
15570	63.83	-6.41	V	57.42	73.98	16.56	PK
15570	50.04	-6.41	V	43.63	53.98	10.35	AV
10380	62.30	-5.38	H	56.92	68.20	11.28	PK
15570	63.90	-6.41	H	57.49	73.98	16.49	PK
15570	50.07	-6.41	H	43.66	53.98	10.32	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5230 MHz
Channel No.	46 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10460	63.80	-6.88	V	56.92	68.20	11.28	PK
15690	64.09	-6.64	V	57.45	73.98	16.53	PK
15690	50.67	-6.64	V	44.03	53.98	9.95	AV
10460	63.77	-6.88	H	56.89	68.20	11.31	PK
15690	64.14	-6.64	H	57.50	73.98	16.48	PK
15690	50.70	-6.64	H	44.06	53.98	9.92	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 1
Operation Mode:	802.11ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5210 MHz
Channel No.	42 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10420	62.78	-6.32	V	56.46	68.20	11.74	PK
15630	63.31	-7.14	V	56.17	73.98	17.81	PK
15630	49.34	-7.14	V	42.20	53.98	11.78	AV
10420	62.84	-6.32	H	56.52	68.20	11.68	PK
15630	63.38	-7.14	H	56.24	73.98	17.74	PK
15630	49.42	-7.14	H	42.28	53.98	11.70	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_80 MHz BW. Worst case is 29.3 Mbps in 802.11ac_80 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	62.73	-6.52	V	56.21	68.20	11.99	PK
15780	63.32	-6.67	V	56.65	73.98	17.33	PK
15780	50.12	-6.67	V	43.45	53.98	10.53	AV
10520	62.76	-6.52	H	56.24	68.20	11.96	PK
15780	63.39	-6.67	H	56.72	73.98	17.26	PK
15780	50.12	-6.67	H	43.45	53.98	10.53	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	62.93	-6.72	V	56.21	73.98	17.77	PK
10600	49.17	-6.72	V	42.45	53.98	11.53	AV
15900	64.34	-7.00	V	57.34	73.98	16.64	PK
15900	50.14	-7.00	V	43.14	53.98	10.84	AV
10600	63.01	-6.72	H	56.29	73.98	17.69	PK
10600	49.19	-6.72	H	42.47	53.98	11.51	AV
15900	64.41	-7.00	H	57.41	73.98	16.57	PK
15900	50.14	-7.00	H	43.14	53.98	10.84	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	62.80	-6.43	V	56.37	73.98	17.61	PK
10640	49.23	-6.43	V	42.80	53.98	11.18	AV
15960	62.67	-6.93	V	55.74	73.98	18.24	PK
15960	48.97	-6.93	V	42.04	53.98	11.94	AV
10640	62.83	-6.43	H	56.40	73.98	17.58	PK
10640	49.23	-6.43	H	42.80	53.98	11.18	AV
15960	62.71	-6.93	H	55.78	73.98	18.20	PK
15960	48.98	-6.93	H	42.05	53.98	11.93	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 2A
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	62.70	-6.52	V	56.18	68.20	12.02	PK
15780	63.29	-6.67	V	56.62	73.98	17.36	PK
15780	50.09	-6.67	V	43.42	53.98	10.56	AV
10520	62.73	-6.52	H	56.21	68.20	11.99	PK
15780	63.36	-6.67	H	56.69	73.98	17.29	PK
15780	50.10	-6.67	H	43.43	53.98	10.55	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	62.90	-6.72	V	56.18	73.98	17.80	PK
10600	49.14	-6.72	V	42.42	53.98	11.56	AV
15900	64.31	-7.00	V	57.31	73.98	16.67	PK
15900	50.11	-7.00	V	43.11	53.98	10.87	AV
10600	62.98	-6.72	H	56.26	73.98	17.72	PK
10600	49.17	-6.72	H	42.45	53.98	11.53	AV
15900	64.38	-7.00	H	57.38	73.98	16.60	PK
15900	50.12	-7.00	H	43.12	53.98	10.86	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	62.77	-6.43	V	56.34	73.98	17.64	PK
10640	49.20	-6.43	V	42.77	53.98	11.21	AV
15960	62.64	-6.93	V	55.71	73.98	18.27	PK
15960	48.94	-6.93	V	42.01	53.98	11.97	AV
10640	62.80	-6.43	H	56.37	73.98	17.61	PK
10640	49.21	-6.43	H	42.78	53.98	11.20	AV
15960	62.68	-6.93	H	55.75	73.98	18.23	PK
15960	48.96	-6.93	H	42.03	53.98	11.95	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5260MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	62.68	-6.52	V	56.16	68.20	12.04	PK
15780	63.27	-6.67	V	56.60	73.98	17.38	PK
15780	50.07	-6.67	V	43.40	53.98	10.58	AV
10520	62.70	-6.52	H	56.18	68.20	12.02	PK
15780	63.33	-6.67	H	56.66	73.98	17.32	PK
15780	50.08	-6.67	H	43.41	53.98	10.57	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	62.88	-6.72	V	56.16	73.98	17.82	PK
10600	49.12	-6.72	V	42.40	53.98	11.58	AV
15900	64.29	-7.00	V	57.29	73.98	16.69	PK
15900	50.09	-7.00	V	43.09	53.98	10.89	AV
10600	62.95	-6.72	H	56.23	73.98	17.75	PK
10600	49.15	-6.72	H	42.43	53.98	11.55	AV
15900	64.35	-7.00	H	57.35	73.98	16.63	PK
15900	50.10	-7.00	H	43.10	53.98	10.88	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	62.75	-6.43	V	56.32	73.98	17.66	PK
10640	49.18	-6.43	V	42.75	53.98	11.23	AV
15960	62.62	-6.93	V	55.69	73.98	18.29	PK
15960	48.92	-6.93	V	41.99	53.98	11.99	AV
10640	62.77	-6.43	H	56.34	73.98	17.64	PK
10640	49.19	-6.43	H	42.76	53.98	11.22	AV
15960	62.65	-6.93	H	55.72	73.98	18.26	PK
15960	48.94	-6.93	H	42.01	53.98	11.97	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5270 MHz
Channel No.	54 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10540	62.55	-5.77	V	56.78	68.20	11.42	PK
15810	64.14	-7.47	V	56.67	73.98	17.31	PK
15810	50.12	-7.47	V	42.65	53.98	11.33	AV
10540	62.67	-5.77	H	56.90	68.20	11.30	PK
15810	64.10	-7.47	H	56.63	73.98	17.35	PK
15810	50.16	-7.47	H	42.69	53.98	11.29	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10620	62.75	-6.36	V	56.39	73.98	17.59	PK
10620	49.29	-6.36	V	42.93	53.98	11.05	AV
15930	62.89	-6.77	V	56.12	73.98	17.86	PK
15930	49.78	-6.77	V	43.01	53.98	10.97	AV
10620	62.81	-6.36	H	56.45	73.98	17.53	PK
10620	49.31	-6.36	H	42.95	53.98	11.03	AV
15930	63.05	-6.77	H	56.28	73.98	17.70	PK
15930	49.82	-6.77	H	43.05	53.98	10.93	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5270 MHz
Channel No.	54 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10540	62.53	-5.77	V	56.76	68.20	11.44	PK
15810	64.12	-7.47	V	56.65	73.98	17.33	PK
15810	50.10	-7.47	V	42.63	53.98	11.35	AV
10540	62.66	-5.77	H	56.89	68.20	11.31	PK
15810	64.09	-7.47	H	56.62	73.98	17.36	PK
15810	50.14	-7.47	H	42.67	53.98	11.31	AV

Notes

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10620	62.73	-6.36	V	56.37	73.98	17.61	PK
10620	49.27	-6.36	V	42.91	53.98	11.07	AV
15930	62.89	-6.77	V	56.12	73.98	17.86	PK
15930	49.76	-6.77	V	42.99	53.98	10.99	AV
10620	62.80	-6.36	H	56.44	73.98	17.54	PK
10620	49.29	-6.36	H	42.93	53.98	11.05	AV
15930	63.04	-6.77	H	56.27	73.98	17.71	PK
15930	49.80	-6.77	H	43.03	53.98	10.95	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 2A
Operation Mode:	802.11ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5290 MHz
Channel No.	58 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10580	63.25	-5.70	V	57.55	68.20	10.65	PK
15870	63.80	-7.27	V	56.53	73.98	17.45	PK
15870	49.95	-7.27	V	42.68	53.98	11.30	AV
10580	63.31	-5.70	H	57.61	68.20	10.59	PK
15870	63.83	-7.27	H	56.56	73.98	17.42	PK
15870	50.00	-7.27	H	42.73	53.98	11.25	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_80 MHz BW. Worst case is 29.3 Mbps in 802.11ac_80 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	63.04	-5.06	V	57.98	73.98	16.00	PK
11000	49.08	-5.06	V	44.02	53.98	9.96	AV
16500	62.43	-4.35	V	58.08	68.20	10.12	PK
11000	63.11	-5.06	H	58.05	73.98	15.93	PK
11000	49.08	-5.06	H	44.02	53.98	9.96	AV
16500	62.47	-4.35	H	58.12	68.20	10.08	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5580 MHz
Channel No.	116 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	63.01	-5.55	V	57.46	73.98	16.52	PK
11160	49.18	-5.55	V	43.63	53.98	10.35	AV
16740	63.40	-3.73	V	59.67	68.20	8.53	PK
11160	63.09	-5.55	H	57.54	73.98	16.44	PK
11160	49.19	-5.55	H	43.64	53.98	10.34	AV
16740	63.52	-3.73	H	59.79	68.20	8.41	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11400	62.80	-6.08	V	56.72	73.98	17.26	PK
11400	48.72	-6.08	V	42.64	53.98	11.34	AV
17100	62.54	-0.85	V	61.69	68.20	6.51	PK
11400	62.91	-6.08	H	56.83	73.98	17.15	PK
11400	48.72	-6.08	H	42.64	53.98	11.34	AV
17100	62.58	-0.85	H	61.73	68.20	6.47	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 2C
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	63.01	-5.06	V	57.95	73.98	16.03	PK
11000	49.05	-5.06	V	43.99	53.98	9.99	AV
16500	62.40	-4.35	V	58.05	68.20	10.15	PK
11000	63.08	-5.06	H	58.02	73.98	15.96	PK
11000	49.06	-5.06	H	44.00	53.98	9.98	AV
16500	62.44	-4.35	H	58.09	68.20	10.11	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5580 MHz
Channel No.	116 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	62.98	-5.55	V	57.43	73.98	16.55	PK
11160	49.15	-5.55	V	43.60	53.98	10.38	AV
16740	63.37	-3.73	V	59.64	68.20	8.56	PK
11160	63.06	-5.55	H	57.51	73.98	16.47	PK
11160	49.17	-5.55	H	43.62	53.98	10.36	AV
16740	63.49	-3.73	H	59.76	68.20	8.44	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11400	62.77	-6.08	V	56.69	73.98	17.29	PK
11400	48.69	-6.08	V	42.61	53.98	11.37	AV
17100	62.51	-0.85	V	61.66	68.20	6.54	PK
11400	62.88	-6.08	H	56.80	73.98	17.18	PK
11400	48.70	-6.08	H	42.62	53.98	11.36	AV
17100	62.55	-0.85	H	61.70	68.20	6.50	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5500MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	62.99	-5.06	V	57.93	73.98	16.05	PK
11000	49.03	-5.06	V	43.97	53.98	10.01	AV
16500	62.38	-4.35	V	58.03	68.20	10.17	PK
11000	63.05	-5.06	H	57.99	73.98	15.99	PK
11000	49.04	-5.06	H	43.98	53.98	10.00	AV
16500	62.41	-4.35	H	58.06	68.20	10.14	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5580 MHz
Channel No.	116 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	62.96	-5.55	V	57.41	73.98	16.57	PK
11160	49.13	-5.55	V	43.58	53.98	10.40	AV
16740	63.35	-3.73	V	59.62	68.20	8.58	PK
11160	63.03	-5.55	H	57.48	73.98	16.50	PK
11160	49.15	-5.55	H	43.60	53.98	10.38	AV
16740	63.46	-3.73	H	59.73	68.20	8.47	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11400	62.75	-6.08	V	56.67	73.98	17.31	PK
11400	48.67	-6.08	V	42.59	53.98	11.39	AV
17100	62.49	-0.85	V	61.64	68.20	6.56	PK
11400	62.85	-6.08	H	56.77	73.98	17.21	PK
11400	48.68	-6.08	H	42.60	53.98	11.38	AV
17100	62.52	-0.85	H	61.67	68.20	6.53	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11020	62.82	-5.86	V	56.96	73.98	17.02	PK
11020	48.66	-5.86	V	42.80	53.98	11.18	AV
16530	63.38	-3.75	V	59.63	68.20	8.57	PK
11020	62.94	-5.86	H	57.08	73.98	16.90	PK
11020	48.70	-5.86	H	42.84	53.98	11.14	AV
16530	63.48	-3.75	H	59.73	68.20	8.47	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5550 MHz
Channel No.	110 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11180	62.81	-6.14	V	56.67	73.98	17.31	PK
11180	48.65	-6.14	V	42.51	53.98	11.47	AV
16770	62.94	-3.11	V	59.83	68.20	8.37	PK
11180	62.89	-6.14	H	56.75	73.98	17.23	PK
11180	48.70	-6.14	H	42.56	53.98	11.42	AV
16770	63.00	-3.11	H	59.89	68.20	8.31	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5710 MHz
Channel No.	142 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11340	62.52	-5.10	V	57.42	73.98	16.56	PK
11340	48.76	-5.10	V	43.66	53.98	10.32	AV
17010	61.94	-1.27	V	60.67	68.20	7.53	PK
11340	62.66	-5.10	H	57.56	73.98	16.42	PK
11340	48.80	-5.10	H	43.70	53.98	10.28	AV
17010	61.88	-1.27	H	60.61	68.20	7.59	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11020	62.80	-5.86	V	56.94	73.98	17.04	PK
11020	48.64	-5.86	V	42.78	53.98	11.20	AV
16530	63.36	-3.75	V	59.61	68.20	8.59	PK
11020	62.93	-5.86	H	57.07	73.98	16.91	PK
11020	48.68	-5.86	H	42.82	53.98	11.16	AV
16530	63.47	-3.75	H	59.72	68.20	8.48	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5550 MHz
Channel No.	110 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11180	62.79	-6.14	V	56.65	73.98	17.33	PK
11180	48.63	-6.14	V	42.49	53.98	11.49	AV
16770	62.92	-3.11	V	59.81	68.20	8.39	PK
11180	62.88	-6.14	H	56.74	73.98	17.24	PK
11180	48.68	-6.14	H	42.54	53.98	11.44	AV
16770	62.99	-3.11	H	59.88	68.20	8.32	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 2C
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5710 MHz
Channel No.	142 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11420	62.50	-6.07	V	56.43	73.98	17.55	PK
11420	48.74	-6.07	V	42.67	53.98	11.31	AV
17130	61.92	-0.81	V	61.11	68.20	7.09	PK
11420	62.65	-6.07	H	56.58	73.98	17.40	PK
11420	48.78	-6.07	H	42.71	53.98	11.27	AV
17130	61.87	-0.81	H	61.06	68.20	7.14	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 2C
Operation Mode:	802.11ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5530 MHz
Channel No.	106 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11060	61.50	-6.21	V	55.29	73.98	18.69	PK
11060	48.36	-6.21	V	42.15	53.98	11.83	AV
16590	62.19	-3.20	V	58.99	68.20	9.21	PK
11060	61.55	-6.21	H	55.34	73.98	18.64	PK
11060	48.42	-6.21	H	42.21	53.98	11.77	AV
16590	62.21	-3.20	H	59.01	68.20	9.19	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_80 MHz BW. Worst case is 29.3 Mbps in 802.11ac_80 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5690 MHz
Channel No.	138 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11380	62.15	-5.59	V	56.56	73.98	17.42	PK
11380	48.54	-5.59	V	42.95	53.98	11.03	AV
17070	62.06	-1.32	V	60.74	68.20	7.46	PK
11380	62.21	-5.59	H	56.62	73.98	17.36	PK
11380	48.61	-5.59	H	43.02	53.98	10.96	AV
17070	62.09	-1.32	H	60.77	68.20	7.43	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_80 MHz BW. Worst case is 29.3 Mbps in 802.11ac_80 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5745MHz
Channel No.	149 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	63.43	-6.10	V	57.33	73.98	16.65	PK
11490	49.48	-6.10	V	43.38	53.98	10.60	AV
17235	62.61	-1.35	V	61.26	68.20	6.94	PK
11490	63.47	-6.10	H	57.37	73.98	16.61	PK
11490	49.49	-6.10	H	43.39	53.98	10.59	AV
17235	62.65	-1.35	H	61.30	68.20	6.90	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	63.37	-5.57	V	57.80	73.98	16.18	PK
11570	48.94	-5.57	V	43.37	53.98	10.61	AV
17355	62.52	-0.39	V	62.13	68.20	6.07	PK
11570	63.44	-5.57	H	57.87	73.98	16.11	PK
11570	48.95	-5.57	H	43.38	53.98	10.60	AV
17355	62.58	-0.39	H	62.19	68.20	6.01	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	62.68	-6.63	V	56.05	73.98	17.93	PK
11650	49.37	-6.63	V	42.74	53.98	11.24	AV
17475	61.92	0.29	V	62.21	68.20	5.99	PK
11650	62.78	-6.63	H	56.15	73.98	17.83	PK
11650	49.37	-6.63	H	42.74	53.98	11.24	AV
17475	62.04	0.29	H	62.33	68.20	5.87	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 3
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5745 MHz
Channel No.	149 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	63.40	-6.10	V	57.30	73.98	16.68	PK
11490	49.45	-6.10	V	43.35	53.98	10.63	AV
17235	62.58	-1.35	V	61.23	68.20	6.97	PK
11490	63.44	-6.10	H	57.34	73.98	16.64	PK
11490	49.47	-6.10	H	43.37	53.98	10.61	AV
17235	62.62	-1.35	H	61.27	68.20	6.93	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	63.34	-5.57	V	57.77	73.98	16.21	PK
11570	48.91	-5.57	V	43.34	53.98	10.64	AV
17355	62.49	-0.39	V	62.10	68.20	6.10	PK
11570	63.41	-5.57	H	57.84	73.98	16.14	PK
11570	48.93	-5.57	H	43.36	53.98	10.62	AV
17355	62.55	-0.39	H	62.16	68.20	6.04	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	62.65	-6.63	V	56.02	73.98	17.96	PK
11650	49.34	-6.63	V	42.71	53.98	11.27	AV
17475	61.89	0.29	V	62.18	68.20	6.02	PK
11650	62.75	-6.63	H	56.12	73.98	17.86	PK
11650	49.35	-6.63	H	42.72	53.98	11.26	AV
17475	62.01	0.29	H	62.30	68.20	5.90	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5745 MHz
Channel No.	149 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	63.38	-6.10	V	57.28	73.98	16.70	PK
11490	49.43	-6.10	V	43.33	53.98	10.65	AV
17235	62.56	-1.35	V	61.21	68.20	6.99	PK
11490	63.41	-6.10	H	57.31	73.98	16.67	PK
11490	49.45	-6.10	H	43.35	53.98	10.63	AV
17235	62.59	-1.35	H	61.24	68.20	6.96	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	63.32	-5.57	V	57.75	73.98	16.23	PK
11570	48.89	-5.57	V	43.32	53.98	10.66	AV
17355	62.47	-0.39	V	62.08	68.20	6.12	PK
11570	63.38	-5.57	H	57.81	73.98	16.17	PK
11570	48.91	-5.57	H	43.34	53.98	10.64	AV
17355	62.52	-0.39	H	62.13	68.20	6.07	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	62.63	-6.63	V	56.00	73.98	17.98	PK
11650	49.32	-6.63	V	42.69	53.98	11.29	AV
17475	61.87	0.29	V	62.16	68.20	6.04	PK
11650	62.72	-6.63	H	56.09	73.98	17.89	PK
11650	49.33	-6.63	H	42.70	53.98	11.28	AV
17475	61.98	0.29	H	62.27	68.20	5.93	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII3
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5755 MHz
Channel No.	151 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11510	63.34	-6.26	V	57.08	73.98	16.90	PK
11510	49.56	-6.26	V	43.30	53.98	10.68	AV
17265	63.21	-1.10	V	62.11	68.20	6.09	PK
11510	63.42	-6.26	H	57.16	73.98	16.82	PK
11510	49.60	-6.26	H	43.34	53.98	10.64	AV
17265	63.25	-1.10	H	62.15	68.20	6.05	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11590	62.81	-5.92	V	56.89	73.98	17.09	PK
11590	49.30	-5.92	V	43.38	53.98	10.60	AV
17385	62.62	-0.24	V	62.38	68.20	5.82	PK
11590	62.89	-5.92	H	56.97	73.98	17.01	PK
11590	49.34	-5.92	H	43.42	53.98	10.56	AV
17385	62.58	-0.24	H	62.34	68.20	5.86	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5755 MHz
Channel No.	151 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11510	63.32	-6.26	V	57.06	73.98	16.92	PK
11510	49.54	-6.26	V	43.28	53.98	10.70	AV
17265	63.19	-1.10	V	62.09	68.20	6.11	PK
11510	63.41	-6.26	H	57.15	73.98	16.83	PK
11510	49.58	-6.26	H	43.32	53.98	10.66	AV
17265	63.24	-1.10	H	62.14	68.20	6.06	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11590	62.79	-5.92	V	56.87	73.98	17.11	PK
11590	49.28	-5.92	V	43.36	53.98	10.62	AV
17385	62.60	-0.24	V	62.36	68.20	5.84	PK
11590	62.88	-5.92	H	56.96	73.98	17.02	PK
11590	49.32	-5.92	H	43.40	53.98	10.58	AV
17385	62.77	-0.24	H	62.53	68.20	5.67	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 3
Operation Mode:	802.11ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5775 MHz
Channel No.	155 Ch

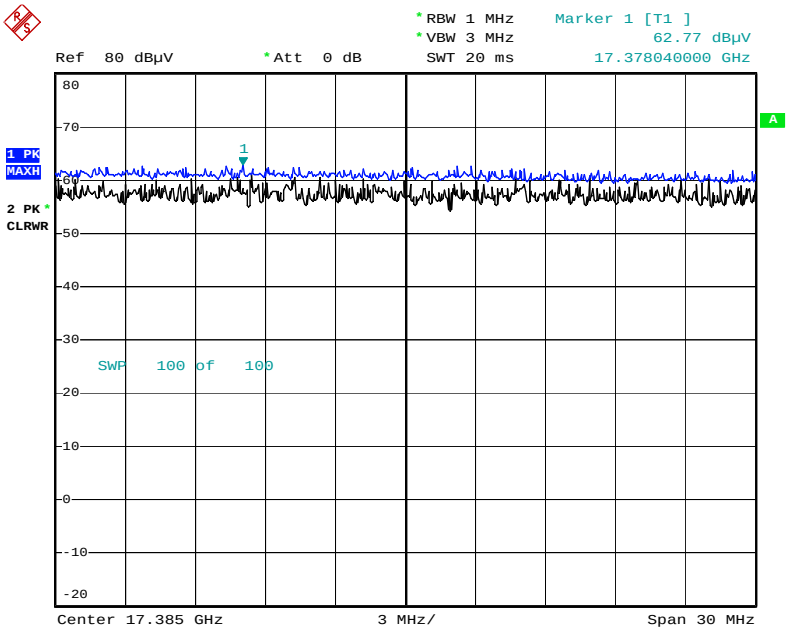
Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11550	62.59	-5.97	V	56.62	73.98	17.36	PK
11550	48.99	-5.97	V	43.02	53.98	10.96	AV
17325	62.12	-0.24	V	61.88	68.20	6.32	PK
11550	62.65	-5.97	H	56.68	73.98	17.30	PK
11550	49.07	-5.97	H	43.10	53.98	10.88	AV
17325	62.17	-0.24	H	61.93	68.20	6.27	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_80 MHz BW. Worst case is 29.3 Mbps in 802.11ac_80 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

▣ RESULT PLOTS

Radiated Spurious Emissions plot – Peak Reading (802.11ac_40M, Ch.159 3rd Harmonic)



Date: 3.SEP.2015 01:08:29

Note : Only the worst case plots for Radiated Spurious Emissions.

With wireless charging pad(WCD-110)

Above 1 GHz

Band :	UNII 1
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	62.58	-6.51	V	56.07	68.20	12.13	PK
15540	62.94	-6.42	V	56.52	73.98	17.46	PK
15540	49.49	-6.42	V	43.07	53.98	10.91	AV
10360	62.71	-6.51	H	56.20	68.20	12.00	PK
15540	63.12	-6.42	H	56.70	73.98	17.28	PK
15540	49.49	-6.42	H	43.07	53.98	10.91	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	62.76	-6.49	V	56.27	68.20	11.93	PK
15600	64.60	-7.15	V	57.45	73.98	16.53	PK
15600	50.03	-7.15	V	42.88	53.98	11.10	AV
10400	62.94	-6.49	H	56.45	68.20	11.75	PK
15600	64.71	-7.15	H	57.56	73.98	16.42	PK
15600	50.04	-7.15	H	42.89	53.98	11.09	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	62.84	-6.96	V	55.88	68.20	12.32	PK
15720	63.44	-6.62	V	56.82	73.98	17.16	PK
15720	50.22	-6.62	V	43.60	53.98	10.38	AV
10480	62.97	-6.96	H	56.01	68.20	12.19	PK
15720	63.61	-6.96	H	56.65	73.98	17.33	PK
15720	50.24	-6.62	H	43.62	53.98	10.36	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 1
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	62.61	-6.51	V	56.10	68.20	12.10	PK
15540	62.97	-6.42	V	56.55	73.98	17.43	PK
15540	49.45	-6.42	V	43.03	53.98	10.95	AV
10360	62.73	-6.51	H	56.22	68.20	11.98	PK
15540	63.14	-6.42	H	56.72	73.98	17.26	PK
15540	49.51	-6.42	H	43.09	53.98	10.89	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	62.79	-6.49	V	56.30	68.20	11.90	PK
15600	64.63	-7.15	V	57.48	73.98	16.50	PK
15600	49.99	-7.15	V	42.84	53.98	11.14	AV
10400	62.96	-6.49	H	56.47	68.20	11.73	PK
15600	64.73	-7.15	H	57.58	73.98	16.40	PK
15600	50.06	-7.15	H	42.91	53.98	11.07	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	62.87	-6.96	V	55.91	68.20	12.29	PK
15720	63.47	-6.62	V	56.85	73.98	17.13	PK
15720	50.18	-6.62	V	43.56	53.98	10.42	AV
10480	62.99	-6.96	H	56.03	68.20	12.17	PK
15720	63.63	-6.96	H	56.67	73.98	17.31	PK
15720	50.26	-6.62	H	43.64	53.98	10.34	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	62.55	-6.51	V	56.04	68.20	12.16	PK
15540	62.91	-6.42	V	56.49	73.98	17.49	PK
15540	49.40	-6.42	V	42.98	53.98	11.00	AV
10360	62.64	-6.51	H	56.13	68.20	12.07	PK
15540	63.05	-6.42	H	56.63	73.98	17.35	PK
15540	49.42	-6.42	H	43.00	53.98	10.98	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	62.73	-6.49	V	56.24	68.20	11.96	PK
15600	64.57	-7.15	V	57.42	73.98	16.56	PK
15600	49.94	-7.15	V	42.79	53.98	11.19	AV
10400	62.87	-6.49	H	56.38	68.20	11.82	PK
15600	64.64	-7.15	H	57.49	73.98	16.49	PK
15600	49.97	-7.15	H	42.82	53.98	11.16	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	62.81	-6.96	V	55.85	68.20	12.35	PK
15720	63.41	-6.62	V	56.79	73.98	17.19	PK
15720	50.13	-6.62	V	43.51	53.98	10.47	AV
10480	62.90	-6.96	H	55.94	68.20	12.26	PK
15720	63.54	-6.96	H	56.58	73.98	17.40	PK
15720	50.17	-6.62	H	43.55	53.98	10.43	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10380	62.03	-5.38	V	56.65	68.20	11.55	PK
15570	63.73	-6.41	V	57.32	73.98	16.66	PK
15570	49.98	-6.41	V	43.57	53.98	10.41	AV
10380	62.25	-5.38	H	56.87	68.20	11.33	PK
15570	63.85	-6.41	H	57.44	73.98	16.54	PK
15570	50.01	-6.41	H	43.60	53.98	10.38	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5230 MHz
Channel No.	46 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10460	63.70	-6.88	V	56.82	68.20	11.38	PK
15690	63.99	-6.64	V	57.35	73.98	16.63	PK
15690	50.61	-6.64	V	43.97	53.98	10.01	AV
10460	63.72	-6.88	H	56.84	68.20	11.36	PK
15690	64.09	-6.64	H	57.45	73.98	16.53	PK
15690	50.64	-6.64	H	44.00	53.98	9.98	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10380	62.08	-5.38	V	56.70	68.20	11.50	PK
15570	63.78	-6.41	V	57.37	73.98	16.61	PK
15570	49.96	-6.41	V	43.55	53.98	10.43	AV
10380	62.21	-5.38	H	56.83	68.20	11.37	PK
15570	63.81	-6.41	H	57.40	73.98	16.58	PK
15570	49.97	-6.41	H	43.56	53.98	10.42	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5230 MHz
Channel No.	46 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10460	63.75	-6.88	V	56.87	68.20	11.33	PK
15690	64.04	-6.64	V	57.40	73.98	16.58	PK
15690	50.59	-6.64	V	43.95	53.98	10.03	AV
10460	63.68	-6.88	H	56.80	68.20	11.40	PK
15690	64.05	-6.64	H	57.41	73.98	16.57	PK
15690	50.60	-6.64	H	43.96	53.98	10.02	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 1
Operation Mode:	802.11ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5210 MHz
Channel No.	42 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10420	62.69	-6.32	V	56.37	68.20	11.83	PK
15630	63.22	-7.14	V	56.08	73.98	17.90	PK
15630	49.28	-7.14	V	42.14	53.98	11.84	AV
10420	62.80	-6.32	H	56.48	68.20	11.72	PK
15630	63.34	-7.14	H	56.20	73.98	17.78	PK
15630	49.34	-7.14	H	42.20	53.98	11.78	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_80 MHz BW. Worst case is 29.3 Mbps in 802.11ac_80 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	62.63	-6.52	V	56.11	68.20	12.09	PK
15780	63.22	-6.67	V	56.55	73.98	17.43	PK
15780	50.12	-6.67	V	43.45	53.98	10.53	AV
10520	62.74	-6.52	H	56.22	68.20	11.98	PK
15780	63.37	-6.67	H	56.70	73.98	17.28	PK
15780	50.11	-6.67	H	43.44	53.98	10.54	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	62.83	-6.72	V	56.11	73.98	17.87	PK
10600	49.17	-6.72	V	42.45	53.98	11.53	AV
15900	64.24	-7.00	V	57.24	73.98	16.74	PK
15900	50.14	-7.00	V	43.14	53.98	10.84	AV
10600	62.99	-6.72	H	56.27	73.98	17.71	PK
10600	49.18	-6.72	H	42.46	53.98	11.52	AV
15900	64.39	-7.00	H	57.39	73.98	16.59	PK
15900	50.13	-7.00	H	43.13	53.98	10.85	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	62.70	-6.43	V	56.27	73.98	17.71	PK
10640	49.23	-6.43	V	42.80	53.98	11.18	AV
15960	62.57	-6.93	V	55.64	73.98	18.34	PK
15960	48.97	-6.93	V	42.04	53.98	11.94	AV
10640	62.81	-6.43	H	56.38	73.98	17.60	PK
10640	49.22	-6.43	H	42.79	53.98	11.19	AV
15960	62.69	-6.93	H	55.76	73.98	18.22	PK
15960	48.97	-6.93	H	42.04	53.98	11.94	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 2A
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	62.66	-6.52	V	56.14	68.20	12.06	PK
15780	63.25	-6.67	V	56.58	73.98	17.40	PK
15780	50.08	-6.67	V	43.41	53.98	10.57	AV
10520	62.76	-6.52	H	56.24	68.20	11.96	PK
15780	63.39	-6.67	H	56.72	73.98	17.26	PK
15780	50.13	-6.67	H	43.46	53.98	10.52	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	62.86	-6.72	V	56.14	73.98	17.84	PK
10600	49.13	-6.72	V	42.41	53.98	11.57	AV
15900	64.27	-7.00	V	57.27	73.98	16.71	PK
15900	50.10	-7.00	V	43.10	53.98	10.88	AV
10600	63.01	-6.72	H	56.29	73.98	17.69	PK
10600	49.20	-6.72	H	42.48	53.98	11.50	AV
15900	64.41	-7.00	H	57.41	73.98	16.57	PK
15900	50.15	-7.00	H	43.15	53.98	10.83	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	62.73	-6.43	V	56.30	73.98	17.68	PK
10640	49.19	-6.43	V	42.76	53.98	11.22	AV
15960	62.60	-6.93	V	55.67	73.98	18.31	PK
15960	48.93	-6.93	V	42.00	53.98	11.98	AV
10640	62.83	-6.43	H	56.40	73.98	17.58	PK
10640	49.24	-6.43	H	42.81	53.98	11.17	AV
15960	62.71	-6.93	H	55.78	73.98	18.20	PK
15960	48.99	-6.93	H	42.06	53.98	11.92	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5260MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	62.60	-6.52	V	56.08	68.20	12.12	PK
15780	63.19	-6.67	V	56.52	73.98	17.46	PK
15780	50.03	-6.67	V	43.36	53.98	10.62	AV
10520	62.67	-6.52	H	56.15	68.20	12.05	PK
15780	63.30	-6.67	H	56.63	73.98	17.35	PK
15780	50.04	-6.67	H	43.37	53.98	10.61	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	62.80	-6.72	V	56.08	73.98	17.90	PK
10600	49.08	-6.72	V	42.36	53.98	11.62	AV
15900	64.21	-7.00	V	57.21	73.98	16.77	PK
15900	50.05	-7.00	V	43.05	53.98	10.93	AV
10600	62.92	-6.72	H	56.20	73.98	17.78	PK
10600	49.11	-6.72	H	42.39	53.98	11.59	AV
15900	64.32	-7.00	H	57.32	73.98	16.66	PK
15900	50.06	-7.00	H	43.06	53.98	10.92	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	62.67	-6.43	V	56.24	73.98	17.74	PK
10640	49.14	-6.43	V	42.71	53.98	11.27	AV
15960	62.54	-6.93	V	55.61	73.98	18.37	PK
15960	48.88	-6.93	V	41.95	53.98	12.03	AV
10640	62.74	-6.43	H	56.31	73.98	17.67	PK
10640	49.15	-6.43	H	42.72	53.98	11.26	AV
15960	62.62	-6.93	H	55.69	73.98	18.29	PK
15960	48.90	-6.93	H	41.97	53.98	12.01	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5270 MHz
Channel No.	54 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10540	62.43	-5.77	V	56.66	68.20	11.54	PK
15810	64.02	-7.47	V	56.55	73.98	17.43	PK
15810	50.04	-7.47	V	42.57	53.98	11.41	AV
10540	62.61	-5.77	H	56.84	68.20	11.36	PK
15810	64.04	-7.47	H	56.57	73.98	17.41	PK
15810	50.08	-7.47	H	42.61	53.98	11.37	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10620	62.63	-6.36	V	56.27	73.98	17.71	PK
10620	49.21	-6.36	V	42.85	53.98	11.13	AV
15930	62.89	-6.77	V	56.12	73.98	17.86	PK
15930	49.70	-6.77	V	42.93	53.98	11.05	AV
10620	62.75	-6.36	H	56.39	73.98	17.59	PK
10620	49.23	-6.36	H	42.87	53.98	11.11	AV
15930	62.99	-6.77	H	56.22	73.98	17.76	PK
15930	49.74	-6.77	H	42.97	53.98	11.01	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5270 MHz
Channel No.	54 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10540	62.48	-5.77	V	56.71	68.20	11.49	PK
15810	64.07	-7.47	V	56.60	73.98	17.38	PK
15810	50.02	-7.47	V	42.55	53.98	11.43	AV
10540	62.57	-5.77	H	56.80	68.20	11.40	PK
15810	64.00	-7.47	H	56.53	73.98	17.45	PK
15810	50.04	-7.47	H	42.57	53.98	11.41	AV

Notes

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10620	62.68	-6.36	V	56.32	73.98	17.66	PK
10620	49.19	-6.36	V	42.83	53.98	11.15	AV
15930	62.89	-6.77	V	56.12	73.98	17.86	PK
15930	49.68	-6.77	V	42.91	53.98	11.07	AV
10620	62.71	-6.36	H	56.35	73.98	17.63	PK
10620	49.19	-6.36	H	42.83	53.98	11.15	AV
15930	62.95	-6.77	H	56.18	73.98	17.80	PK
15930	49.70	-6.77	H	42.93	53.98	11.05	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 2A
Operation Mode:	802.11ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5290 MHz
Channel No.	58 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10580	63.16	-5.70	V	57.46	68.20	10.74	PK
15870	63.71	-7.27	V	56.44	73.98	17.54	PK
15870	49.89	-7.27	V	42.62	53.98	11.36	AV
10580	63.27	-5.70	H	57.57	68.20	10.63	PK
15870	63.79	-7.27	H	56.52	73.98	17.46	PK
15870	49.92	-7.27	H	42.65	53.98	11.33	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_80 MHz BW. Worst case is 29.3 Mbps in 802.11ac_80 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	62.94	-5.06	V	57.88	73.98	16.10	PK
11000	49.08	-5.06	V	44.02	53.98	9.96	AV
16500	62.33	-4.35	V	57.98	68.20	10.22	PK
11000	63.09	-5.06	H	58.03	73.98	15.95	PK
11000	49.07	-5.06	H	44.01	53.98	9.97	AV
16500	62.45	-4.35	H	58.10	68.20	10.10	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5580 MHz
Channel No.	116 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	62.91	-5.55	V	57.36	73.98	16.62	PK
11160	49.18	-5.55	V	43.63	53.98	10.35	AV
16740	63.30	-3.73	V	59.57	68.20	8.63	PK
11160	63.07	-5.55	H	57.52	73.98	16.46	PK
11160	49.18	-5.55	H	43.63	53.98	10.35	AV
16740	63.50	-3.73	H	59.77	68.20	8.43	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11400	62.70	-6.08	V	56.62	73.98	17.36	PK
11400	48.72	-6.08	V	42.64	53.98	11.34	AV
17100	62.44	-0.85	V	61.59	68.20	6.61	PK
11400	62.89	-6.08	H	56.81	73.98	17.17	PK
11400	48.71	-6.08	H	42.63	53.98	11.35	AV
17100	62.56	-0.85	H	61.71	68.20	6.49	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 2C
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	62.97	-5.06	V	57.91	73.98	16.07	PK
11000	49.04	-5.06	V	43.98	53.98	10.00	AV
16500	62.36	-4.35	V	58.01	68.20	10.19	PK
11000	63.11	-5.06	H	58.05	73.98	15.93	PK
11000	49.09	-5.06	H	44.03	53.98	9.95	AV
16500	62.47	-4.35	H	58.12	68.20	10.08	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5580 MHz
Channel No.	116 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	62.94	-5.55	V	57.39	73.98	16.59	PK
11160	49.14	-5.55	V	43.59	53.98	10.39	AV
16740	63.33	-3.73	V	59.60	68.20	8.60	PK
11160	63.09	-5.55	H	57.54	73.98	16.44	PK
11160	49.20	-5.55	H	43.65	53.98	10.33	AV
16740	63.52	-3.73	H	59.79	68.20	8.41	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11400	62.73	-6.08	V	56.65	73.98	17.33	PK
11400	48.68	-6.08	V	42.60	53.98	11.38	AV
17100	62.47	-0.85	V	61.62	68.20	6.58	PK
11400	62.91	-6.08	H	56.83	73.98	17.15	PK
11400	48.73	-6.08	H	42.65	53.98	11.33	AV
17100	62.58	-0.85	H	61.73	68.20	6.47	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5500MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	62.91	-5.06	V	57.85	73.98	16.13	PK
11000	48.99	-5.06	V	43.93	53.98	10.05	AV
16500	62.30	-4.35	V	57.95	68.20	10.25	PK
11000	63.02	-5.06	H	57.96	73.98	16.02	PK
11000	49.00	-5.06	H	43.94	53.98	10.04	AV
16500	62.38	-4.35	H	58.03	68.20	10.17	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5580 MHz
Channel No.	116 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	62.88	-5.55	V	57.33	73.98	16.65	PK
11160	49.09	-5.55	V	43.54	53.98	10.44	AV
16740	63.27	-3.73	V	59.54	68.20	8.66	PK
11160	63.00	-5.55	H	57.45	73.98	16.53	PK
11160	49.11	-5.55	H	43.56	53.98	10.42	AV
16740	63.43	-3.73	H	59.70	68.20	8.50	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11400	62.67	-6.08	V	56.59	73.98	17.39	PK
11400	48.63	-6.08	V	42.55	53.98	11.43	AV
17100	62.41	-0.85	V	61.56	68.20	6.64	PK
11400	62.82	-6.08	H	56.74	73.98	17.24	PK
11400	48.64	-6.08	H	42.56	53.98	11.42	AV
17100	62.49	-0.85	H	61.64	68.20	6.56	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11020	62.70	-5.86	V	56.84	73.98	17.14	PK
11020	48.58	-5.86	V	42.72	53.98	11.26	AV
16530	63.26	-3.75	V	59.51	68.20	8.69	PK
11020	62.88	-5.86	H	57.02	73.98	16.96	PK
11020	48.62	-5.86	H	42.76	53.98	11.22	AV
16530	63.42	-3.75	H	59.67	68.20	8.53	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5550 MHz
Channel No.	110 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11180	62.69	-6.14	V	56.55	73.98	17.43	PK
11180	48.57	-6.14	V	42.43	53.98	11.55	AV
16770	62.82	-3.11	V	59.71	68.20	8.49	PK
11180	62.83	-6.14	H	56.69	73.98	17.29	PK
11180	48.62	-6.14	H	42.48	53.98	11.50	AV
16770	62.94	-3.11	H	59.83	68.20	8.37	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5710 MHz
Channel No.	142 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11340	62.40	-5.10	V	57.30	73.98	16.68	PK
11340	48.68	-5.10	V	43.58	53.98	10.40	AV
17010	61.82	-1.27	V	60.55	68.20	7.65	PK
11340	62.60	-5.10	H	57.50	73.98	16.48	PK
11340	48.72	-5.10	H	43.62	53.98	10.36	AV
17010	61.82	-1.27	H	60.55	68.20	7.65	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11020	62.75	-5.86	V	56.89	73.98	17.09	PK
11020	48.56	-5.86	V	42.70	53.98	11.28	AV
16530	63.31	-3.75	V	59.56	68.20	8.64	PK
11020	62.84	-5.86	H	56.98	73.98	17.00	PK
11020	48.58	-5.86	H	42.72	53.98	11.26	AV
16530	63.38	-3.75	H	59.63	68.20	8.57	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5550 MHz
Channel No.	110 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11180	62.74	-6.14	V	56.60	73.98	17.38	PK
11180	48.55	-6.14	V	42.41	53.98	11.57	AV
16770	62.87	-3.11	V	59.76	68.20	8.44	PK
11180	62.79	-6.14	H	56.65	73.98	17.33	PK
11180	48.58	-6.14	H	42.44	53.98	11.54	AV
16770	62.90	-3.11	H	59.79	68.20	8.41	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 2C
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5710 MHz
Channel No.	142 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11420	62.45	-6.07	V	56.38	73.98	17.60	PK
11420	48.66	-6.07	V	42.59	53.98	11.39	AV
17130	61.87	-0.81	V	61.06	68.20	7.14	PK
11420	62.56	-6.07	H	56.49	73.98	17.49	PK
11420	48.68	-6.07	H	42.61	53.98	11.37	AV
17130	61.78	-0.81	H	60.97	68.20	7.23	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 2C
Operation Mode:	802.11ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5530 MHz
Channel No.	106 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11060	61.41	-6.21	V	55.20	73.98	18.78	PK
11060	48.30	-6.21	V	42.09	53.98	11.89	AV
16590	62.10	-3.20	V	58.90	68.20	9.30	PK
11060	61.51	-6.21	H	55.30	73.98	18.68	PK
11060	48.34	-6.21	H	42.13	53.98	11.85	AV
16590	62.17	-3.20	H	58.97	68.20	9.23	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_80 MHz BW. Worst case is 29.3 Mbps in 802.11ac_80 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5690 MHz
Channel No.	138 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11380	62.06	-5.59	V	56.47	73.98	17.51	PK
11380	48.48	-5.59	V	42.89	53.98	11.09	AV
17070	61.97	-1.32	V	60.65	68.20	7.55	PK
11380	62.17	-5.59	H	56.58	73.98	17.40	PK
11380	48.53	-5.59	H	42.94	53.98	11.04	AV
17070	62.05	-1.32	H	60.73	68.20	7.47	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_80 MHz BW. Worst case is 29.3 Mbps in 802.11ac_80 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5745MHz
Channel No.	149 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	63.33	-6.10	V	57.23	73.98	16.75	PK
11490	49.48	-6.10	V	43.38	53.98	10.60	AV
17235	62.51	-1.35	V	61.16	68.20	7.04	PK
11490	63.45	-6.10	H	57.35	73.98	16.63	PK
11490	49.48	-6.10	H	43.38	53.98	10.60	AV
17235	62.63	-1.35	H	61.28	68.20	6.92	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	63.27	-5.57	V	57.70	73.98	16.28	PK
11570	48.94	-5.57	V	43.37	53.98	10.61	AV
17355	62.42	-0.39	V	62.03	68.20	6.17	PK
11570	63.42	-5.57	H	57.85	73.98	16.13	PK
11570	48.94	-5.57	H	43.37	53.98	10.61	AV
17355	62.56	-0.39	H	62.17	68.20	6.03	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	62.58	-6.63	V	55.95	73.98	18.03	PK
11650	49.37	-6.63	V	42.74	53.98	11.24	AV
17475	61.82	0.29	V	62.11	68.20	6.09	PK
11650	62.76	-6.63	H	56.13	73.98	17.85	PK
11650	49.36	-6.63	H	42.73	53.98	11.25	AV
17475	62.02	0.29	H	62.31	68.20	5.89	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 3
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5745 MHz
Channel No.	149 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	63.36	-6.10	V	57.26	73.98	16.72	PK
11490	49.44	-6.10	V	43.34	53.98	10.64	AV
17235	62.54	-1.35	V	61.19	68.20	7.01	PK
11490	63.47	-6.10	H	57.37	73.98	16.61	PK
11490	49.50	-6.10	H	43.40	53.98	10.58	AV
17235	62.65	-1.35	H	61.30	68.20	6.90	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	63.30	-5.57	V	57.73	73.98	16.25	PK
11570	48.90	-5.57	V	43.33	53.98	10.65	AV
17355	62.45	-0.39	V	62.06	68.20	6.14	PK
11570	63.44	-5.57	H	57.87	73.98	16.11	PK
11570	48.96	-5.57	H	43.39	53.98	10.59	AV
17355	62.58	-0.39	H	62.19	68.20	6.01	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	62.61	-6.63	V	55.98	73.98	18.00	PK
11650	49.33	-6.63	V	42.70	53.98	11.28	AV
17475	61.85	0.29	V	62.14	68.20	6.06	PK
11650	62.78	-6.63	H	56.15	73.98	17.83	PK
11650	49.38	-6.63	H	42.75	53.98	11.23	AV
17475	62.04	0.29	H	62.33	68.20	5.87	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5745 MHz
Channel No.	149 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	63.30	-6.10	V	57.20	73.98	16.78	PK
11490	49.39	-6.10	V	43.29	53.98	10.69	AV
17235	62.48	-1.35	V	61.13	68.20	7.07	PK
11490	63.38	-6.10	H	57.28	73.98	16.70	PK
11490	49.41	-6.10	H	43.31	53.98	10.67	AV
17235	62.56	-1.35	H	61.21	68.20	6.99	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	63.24	-5.57	V	57.67	73.98	16.31	PK
11570	48.85	-5.57	V	43.28	53.98	10.70	AV
17355	62.39	-0.39	V	62.00	68.20	6.20	PK
11570	63.35	-5.57	H	57.78	73.98	16.20	PK
11570	48.87	-5.57	H	43.30	53.98	10.68	AV
17355	62.49	-0.39	H	62.10	68.20	6.10	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	62.55	-6.63	V	55.92	73.98	18.06	PK
11650	49.28	-6.63	V	42.65	53.98	11.33	AV
17475	61.79	0.29	V	62.08	68.20	6.12	PK
11650	62.69	-6.63	H	56.06	73.98	17.92	PK
11650	49.29	-6.63	H	42.66	53.98	11.32	AV
17475	61.95	0.29	H	62.24	68.20	5.96	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII3
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5755 MHz
Channel No.	151 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11510	63.22	-6.26	V	56.96	73.98	17.02	PK
11510	49.48	-6.26	V	43.22	53.98	10.76	AV
17265	63.09	-1.10	V	61.99	68.20	6.21	PK
11510	63.36	-6.26	H	57.10	73.98	16.88	PK
11510	49.52	-6.26	H	43.26	53.98	10.72	AV
17265	63.19	-1.10	H	62.09	68.20	6.11	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11590	62.69	-5.92	V	56.77	73.98	17.21	PK
11590	49.22	-5.92	V	43.30	53.98	10.68	AV
17385	62.50	-0.24	V	62.26	68.20	5.94	PK
11590	62.83	-5.92	H	56.91	73.98	17.07	PK
11590	49.26	-5.92	H	43.34	53.98	10.64	AV
17385	62.52	-0.24	H	62.28	68.20	5.92	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5755 MHz
Channel No.	151 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11510	63.27	-6.26	V	57.01	73.98	16.97	PK
11510	49.46	-6.26	V	43.20	53.98	10.78	AV
17265	63.14	-1.10	V	62.04	68.20	6.16	PK
11510	63.32	-6.26	H	57.06	73.98	16.92	PK
11510	49.48	-6.26	H	43.22	53.98	10.76	AV
17265	63.15	-1.10	H	62.05	68.20	6.15	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11590	62.74	-5.92	V	56.82	73.98	17.16	PK
11590	49.20	-5.92	V	43.28	53.98	10.70	AV
17385	62.55	-0.24	V	62.31	68.20	5.89	PK
11590	62.79	-5.92	H	56.87	73.98	17.11	PK
11590	49.22	-5.92	H	43.30	53.98	10.68	AV
17385	62.76	-0.24	H	62.52	68.20	5.68	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 3
Operation Mode:	802.11ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5775 MHz
Channel No.	155 Ch

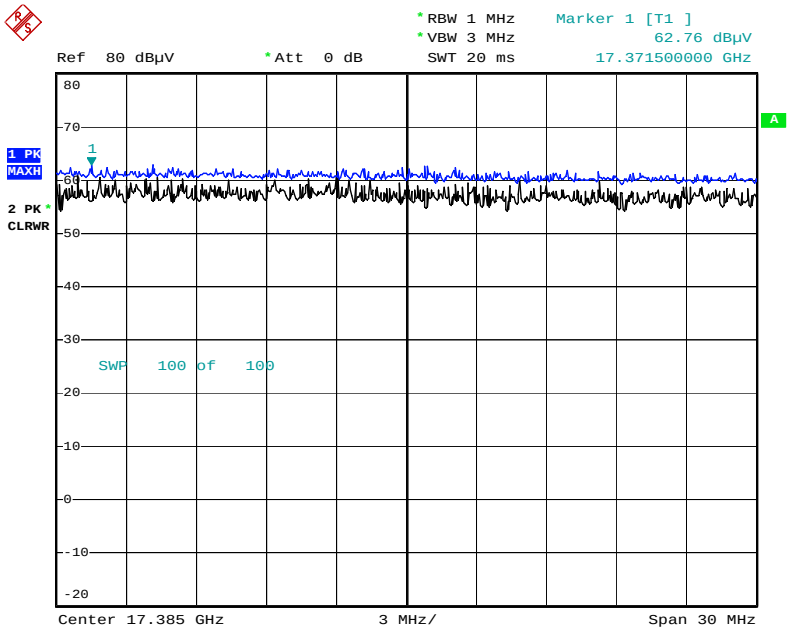
Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11550	62.50	-5.97	V	56.53	73.98	17.45	PK
11550	48.93	-5.97	V	42.96	53.98	11.02	AV
17325	62.03	-0.24	V	61.79	68.20	6.41	PK
11550	62.61	-5.97	H	56.64	73.98	17.34	PK
11550	48.99	-5.97	H	43.02	53.98	10.96	AV
17325	62.13	-0.24	H	61.89	68.20	6.31	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_80 MHz BW. Worst case is 29.3 Mbps in 802.11ac_80 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

▣ RESULT PLOTS

Radiated Spurious Emissions plot – Peak Reading (802.11ac_40M, Ch.159 3rd Harmonic)



Date: 3.SEP.2015 01:07:38

Note : Only the worst case plots for Radiated Spurious Emissions.

With wireless charging pad(CT 06801)

Above 1 GHz

Band :	UNII 1
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	62.58	-6.51	V	56.07	68.20	12.13	PK
15540	62.94	-6.42	V	56.52	73.98	17.46	PK
15540	49.38	-6.42	V	42.96	53.98	11.02	AV
10360	62.58	-6.51	H	56.07	68.20	12.13	PK
15540	62.99	-6.42	H	56.57	73.98	17.41	PK
15540	49.40	-6.42	H	42.98	53.98	11.00	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	62.76	-6.49	V	56.27	68.20	11.93	PK
15600	64.60	-7.15	V	57.45	73.98	16.53	PK
15600	49.92	-7.15	V	42.77	53.98	11.21	AV
10400	62.81	-6.49	H	56.32	68.20	11.88	PK
15600	64.58	-7.15	H	57.43	73.98	16.55	PK
15600	49.95	-7.15	H	42.80	53.98	11.18	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	62.84	-6.96	V	55.88	68.20	12.32	PK
15720	63.44	-6.62	V	56.82	73.98	17.16	PK
15720	50.11	-6.62	V	43.49	53.98	10.49	AV
10480	62.84	-6.96	H	55.88	68.20	12.32	PK
15720	63.48	-6.96	H	56.52	73.98	17.46	PK
15720	50.15	-6.62	H	43.53	53.98	10.45	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 1
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	62.52	-6.51	V	56.01	68.20	12.19	PK
15540	62.88	-6.42	V	56.46	73.98	17.52	PK
15540	49.36	-6.42	V	42.94	53.98	11.04	AV
10360	62.62	-6.51	H	56.11	68.20	12.09	PK
15540	63.03	-6.42	H	56.61	73.98	17.37	PK
15540	49.37	-6.42	H	42.95	53.98	11.03	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	62.70	-6.49	V	56.21	68.20	11.99	PK
15600	64.54	-7.15	V	57.39	73.98	16.59	PK
15600	49.90	-7.15	V	42.75	53.98	11.23	AV
10400	62.85	-6.49	H	56.36	68.20	11.84	PK
15600	64.62	-7.15	H	57.47	73.98	16.51	PK
15600	49.92	-7.15	H	42.77	53.98	11.21	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	62.78	-6.96	V	55.82	68.20	12.38	PK
15720	63.38	-6.62	V	56.76	73.98	17.22	PK
15720	50.09	-6.62	V	43.47	53.98	10.51	AV
10480	62.88	-6.96	H	55.92	68.20	12.28	PK
15720	63.52	-6.96	H	56.56	73.98	17.42	PK
15720	50.12	-6.62	H	43.50	53.98	10.48	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	62.73	-6.51	V	56.22	68.20	11.98	PK
15540	63.09	-6.42	V	56.67	73.98	17.31	PK
15540	49.40	-6.42	V	42.98	53.98	11.00	AV
10360	62.76	-6.51	H	56.25	68.20	11.95	PK
15540	63.17	-6.42	H	56.75	73.98	17.23	PK
15540	49.45	-6.42	H	43.03	53.98	10.95	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	62.91	-6.49	V	56.42	68.20	11.78	PK
15600	64.75	-7.15	V	57.60	73.98	16.38	PK
15600	49.94	-7.15	V	42.79	53.98	11.19	AV
10400	62.99	-6.49	H	56.50	68.20	11.70	PK
15600	64.76	-7.15	H	57.61	73.98	16.37	PK
15600	50.00	-7.15	H	42.85	53.98	11.13	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	62.99	-6.96	V	56.03	68.20	12.17	PK
15720	63.59	-6.62	V	56.97	73.98	17.01	PK
15720	50.13	-6.62	V	43.51	53.98	10.47	AV
10480	63.02	-6.96	H	56.06	68.20	12.14	PK
15720	63.66	-6.96	H	56.70	73.98	17.28	PK
15720	50.20	-6.62	H	43.58	53.98	10.40	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10380	62.06	-5.38	V	56.68	68.20	11.52	PK
15570	63.76	-6.41	V	57.35	73.98	16.63	PK
15570	49.98	-6.41	V	43.57	53.98	10.41	AV
10380	62.18	-5.38	H	56.80	68.20	11.40	PK
15570	63.78	-6.41	H	57.37	73.98	16.61	PK
15570	50.04	-6.41	H	43.63	53.98	10.35	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5230 MHz
Channel No.	46 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10460	63.73	-6.88	V	56.85	68.20	11.35	PK
15690	64.02	-6.64	V	57.38	73.98	16.60	PK
15690	50.61	-6.64	V	43.97	53.98	10.01	AV
10460	63.65	-6.88	H	56.77	68.20	11.43	PK
15690	64.02	-6.64	H	57.38	73.98	16.60	PK
15690	50.67	-6.64	H	44.03	53.98	9.95	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10380	62.02	-5.38	V	56.64	68.20	11.56	PK
15570	63.72	-6.41	V	57.31	73.98	16.67	PK
15570	49.96	-6.41	V	43.55	53.98	10.43	AV
10380	62.15	-5.38	H	56.77	68.20	11.43	PK
15570	63.75	-6.41	H	57.34	73.98	16.64	PK
15570	50.01	-6.41	H	43.60	53.98	10.38	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 1
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5230 MHz
Channel No.	46 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10460	63.69	-6.88	V	56.81	68.20	11.39	PK
15690	63.98	-6.64	V	57.34	73.98	16.64	PK
15690	50.59	-6.64	V	43.95	53.98	10.03	AV
10460	63.62	-6.88	H	56.74	68.20	11.46	PK
15690	63.99	-6.64	H	57.35	73.98	16.63	PK
15690	50.64	-6.64	H	44.00	53.98	9.98	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 1
Operation Mode:	802.11ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5210 MHz
Channel No.	42 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10420	62.70	-6.32	V	56.38	68.20	11.82	PK
15630	63.23	-7.14	V	56.09	73.98	17.89	PK
15630	49.30	-7.14	V	42.16	53.98	11.82	AV
10420	62.82	-6.32	H	56.50	68.20	11.70	PK
15630	63.36	-7.14	H	56.22	73.98	17.76	PK
15630	49.37	-7.14	H	42.23	53.98	11.75	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_80 MHz BW. Worst case is 29.3 Mbps in 802.11ac_80 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	62.63	-6.52	V	56.11	68.20	12.09	PK
15780	63.22	-6.67	V	56.55	73.98	17.43	PK
15780	50.01	-6.67	V	43.34	53.98	10.64	AV
10520	62.61	-6.52	H	56.09	68.20	12.11	PK
15780	63.24	-6.67	H	56.57	73.98	17.41	PK
15780	50.02	-6.67	H	43.35	53.98	10.63	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	62.83	-6.72	V	56.11	73.98	17.87	PK
10600	49.06	-6.72	V	42.34	53.98	11.64	AV
15900	64.24	-7.00	V	57.24	73.98	16.74	PK
15900	50.03	-7.00	V	43.03	53.98	10.95	AV
10600	62.86	-6.72	H	56.14	73.98	17.84	PK
10600	49.09	-6.72	H	42.37	53.98	11.61	AV
15900	64.26	-7.00	H	57.26	73.98	16.72	PK
15900	50.04	-7.00	H	43.04	53.98	10.94	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	62.70	-6.43	V	56.27	73.98	17.71	PK
10640	49.12	-6.43	V	42.69	53.98	11.29	AV
15960	62.57	-6.93	V	55.64	73.98	18.34	PK
15960	48.86	-6.93	V	41.93	53.98	12.05	AV
10640	62.68	-6.43	H	56.25	73.98	17.73	PK
10640	49.13	-6.43	H	42.70	53.98	11.28	AV
15960	62.56	-6.93	H	55.63	73.98	18.35	PK
15960	48.88	-6.93	H	41.95	53.98	12.03	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 2A
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	62.57	-6.52	V	56.05	68.20	12.15	PK
15780	63.16	-6.67	V	56.49	73.98	17.49	PK
15780	49.99	-6.67	V	43.32	53.98	10.66	AV
10520	62.65	-6.52	H	56.13	68.20	12.07	PK
15780	63.28	-6.67	H	56.61	73.98	17.37	PK
15780	49.99	-6.67	H	43.32	53.98	10.66	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	62.77	-6.72	V	56.05	73.98	17.93	PK
10600	49.04	-6.72	V	42.32	53.98	11.66	AV
15900	64.18	-7.00	V	57.18	73.98	16.80	PK
15900	50.01	-7.00	V	43.01	53.98	10.97	AV
10600	62.90	-6.72	H	56.18	73.98	17.80	PK
10600	49.06	-6.72	H	42.34	53.98	11.64	AV
15900	64.30	-7.00	H	57.30	73.98	16.68	PK
15900	50.01	-7.00	H	43.01	53.98	10.97	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	62.64	-6.43	V	56.21	73.98	17.77	PK
10640	49.10	-6.43	V	42.67	53.98	11.31	AV
15960	62.51	-6.93	V	55.58	73.98	18.40	PK
15960	48.84	-6.93	V	41.91	53.98	12.07	AV
10640	62.72	-6.43	H	56.29	73.98	17.69	PK
10640	49.10	-6.43	H	42.67	53.98	11.31	AV
15960	62.60	-6.93	H	55.67	73.98	18.31	PK
15960	48.85	-6.93	H	41.92	53.98	12.06	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5260MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	62.78	-6.52	V	56.26	68.20	11.94	PK
15780	63.37	-6.67	V	56.70	73.98	17.28	PK
15780	50.03	-6.67	V	43.36	53.98	10.62	AV
10520	62.79	-6.52	H	56.27	68.20	11.93	PK
15780	63.42	-6.67	H	56.75	73.98	17.23	PK
15780	50.07	-6.67	H	43.40	53.98	10.58	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	62.98	-6.72	V	56.26	73.98	17.72	PK
10600	49.08	-6.72	V	42.36	53.98	11.62	AV
15900	64.39	-7.00	V	57.39	73.98	16.59	PK
15900	50.05	-7.00	V	43.05	53.98	10.93	AV
10600	63.04	-6.72	H	56.32	73.98	17.66	PK
10600	49.14	-6.72	H	42.42	53.98	11.56	AV
15900	64.44	-7.00	H	57.44	73.98	16.54	PK
15900	50.09	-7.00	H	43.09	53.98	10.89	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	62.85	-6.43	V	56.42	73.98	17.56	PK
10640	49.14	-6.43	V	42.71	53.98	11.27	AV
15960	62.72	-6.93	V	55.79	73.98	18.19	PK
15960	48.88	-6.93	V	41.95	53.98	12.03	AV
10640	62.86	-6.43	H	56.43	73.98	17.55	PK
10640	49.18	-6.43	H	42.75	53.98	11.23	AV
15960	62.74	-6.93	H	55.81	73.98	18.17	PK
15960	48.93	-6.93	H	42.00	53.98	11.98	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5270 MHz
Channel No.	54 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10540	62.46	-5.77	V	56.69	68.20	11.51	PK
15810	64.05	-7.47	V	56.58	73.98	17.40	PK
15810	50.04	-7.47	V	42.57	53.98	11.41	AV
10540	62.54	-5.77	H	56.77	68.20	11.43	PK
15810	63.97	-7.47	H	56.50	73.98	17.48	PK
15810	50.11	-7.47	H	42.64	53.98	11.34	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10620	62.66	-6.36	V	56.30	73.98	17.68	PK
10620	49.21	-6.36	V	42.85	53.98	11.13	AV
15930	62.89	-6.77	V	56.12	73.98	17.86	PK
15930	49.70	-6.77	V	42.93	53.98	11.05	AV
10620	62.68	-6.36	H	56.32	73.98	17.66	PK
10620	49.26	-6.36	H	42.90	53.98	11.08	AV
15930	62.92	-6.77	H	56.15	73.98	17.83	PK
15930	49.77	-6.77	H	43.00	53.98	10.98	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5270 MHz
Channel No.	54 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10540	62.42	-5.77	V	56.65	68.20	11.55	PK
15810	64.01	-7.47	V	56.54	73.98	17.44	PK
15810	50.02	-7.47	V	42.55	53.98	11.43	AV
10540	62.51	-5.77	H	56.74	68.20	11.46	PK
15810	63.94	-7.47	H	56.47	73.98	17.51	PK
15810	50.08	-7.47	H	42.61	53.98	11.37	AV

Notes

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2A
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10620	62.62	-6.36	V	56.26	73.98	17.72	PK
10620	49.19	-6.36	V	42.83	53.98	11.15	AV
15930	62.89	-6.77	V	56.12	73.98	17.86	PK
15930	49.68	-6.77	V	42.91	53.98	11.07	AV
10620	62.65	-6.36	H	56.29	73.98	17.69	PK
10620	49.23	-6.36	H	42.87	53.98	11.11	AV
15930	62.89	-6.77	H	56.12	73.98	17.86	PK
15930	49.74	-6.77	H	42.97	53.98	11.01	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 2A
Operation Mode:	802.11ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5290 MHz
Channel No.	58 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10580	63.17	-5.70	V	57.47	68.20	10.73	PK
15870	63.72	-7.27	V	56.45	73.98	17.53	PK
15870	49.91	-7.27	V	42.64	53.98	11.34	AV
10580	63.29	-5.70	H	57.59	68.20	10.61	PK
15870	63.81	-7.27	H	56.54	73.98	17.44	PK
15870	49.95	-7.27	H	42.68	53.98	11.30	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_80 MHz BW. Worst case is 29.3 Mbps in 802.11ac_80 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	62.94	-5.06	V	57.88	73.98	16.10	PK
11000	48.97	-5.06	V	43.91	53.98	10.07	AV
16500	62.33	-4.35	V	57.98	68.20	10.22	PK
11000	62.96	-5.06	H	57.90	73.98	16.08	PK
11000	48.98	-5.06	H	43.92	53.98	10.06	AV
16500	62.32	-4.35	H	57.97	68.20	10.23	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5580 MHz
Channel No.	116 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	62.91	-5.55	V	57.36	73.98	16.62	PK
11160	49.07	-5.55	V	43.52	53.98	10.46	AV
16740	63.30	-3.73	V	59.57	68.20	8.63	PK
11160	62.94	-5.55	H	57.39	73.98	16.59	PK
11160	49.09	-5.55	H	43.54	53.98	10.44	AV
16740	63.37	-3.73	H	59.64	68.20	8.56	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11400	62.70	-6.08	V	56.62	73.98	17.36	PK
11400	48.61	-6.08	V	42.53	53.98	11.45	AV
17100	62.44	-0.85	V	61.59	68.20	6.61	PK
11400	62.76	-6.08	H	56.68	73.98	17.30	PK
11400	48.62	-6.08	H	42.54	53.98	11.44	AV
17100	62.43	-0.85	H	61.58	68.20	6.62	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 2C
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	62.88	-5.06	V	57.82	73.98	16.16	PK
11000	48.95	-5.06	V	43.89	53.98	10.09	AV
16500	62.27	-4.35	V	57.92	68.20	10.28	PK
11000	63.00	-5.06	H	57.94	73.98	16.04	PK
11000	48.95	-5.06	H	43.89	53.98	10.09	AV
16500	62.36	-4.35	H	58.01	68.20	10.19	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5580 MHz
Channel No.	116 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	62.85	-5.55	V	57.30	73.98	16.68	PK
11160	49.05	-5.55	V	43.50	53.98	10.48	AV
16740	63.24	-3.73	V	59.51	68.20	8.69	PK
11160	62.98	-5.55	H	57.43	73.98	16.55	PK
11160	49.06	-5.55	H	43.51	53.98	10.47	AV
16740	63.41	-3.73	H	59.68	68.20	8.52	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11400	62.64	-6.08	V	56.56	73.98	17.42	PK
11400	48.59	-6.08	V	42.51	53.98	11.47	AV
17100	62.38	-0.85	V	61.53	68.20	6.67	PK
11400	62.80	-6.08	H	56.72	73.98	17.26	PK
11400	48.59	-6.08	H	42.51	53.98	11.47	AV
17100	62.47	-0.85	H	61.62	68.20	6.58	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5500MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	63.09	-5.06	V	58.03	73.98	15.95	PK
11000	48.99	-5.06	V	43.93	53.98	10.05	AV
16500	62.48	-4.35	V	58.13	68.20	10.07	PK
11000	63.14	-5.06	H	58.08	73.98	15.90	PK
11000	49.03	-5.06	H	43.97	53.98	10.01	AV
16500	62.50	-4.35	H	58.15	68.20	10.05	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5580 MHz
Channel No.	116 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	63.06	-5.55	V	57.51	73.98	16.47	PK
11160	49.09	-5.55	V	43.54	53.98	10.44	AV
16740	63.45	-3.73	V	59.72	68.20	8.48	PK
11160	63.12	-5.55	H	57.57	73.98	16.41	PK
11160	49.14	-5.55	H	43.59	53.98	10.39	AV
16740	63.55	-3.73	H	59.82	68.20	8.38	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11400	62.85	-6.08	V	56.77	73.98	17.21	PK
11400	48.63	-6.08	V	42.55	53.98	11.43	AV
17100	62.59	-0.85	V	61.74	68.20	6.46	PK
11400	62.94	-6.08	H	56.86	73.98	17.12	PK
11400	48.67	-6.08	H	42.59	53.98	11.39	AV
17100	62.61	-0.85	H	61.76	68.20	6.44	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11020	62.73	-5.86	V	56.87	73.98	17.11	PK
11020	48.58	-5.86	V	42.72	53.98	11.26	AV
16530	63.29	-3.75	V	59.54	68.20	8.66	PK
11020	62.81	-5.86	H	56.95	73.98	17.03	PK
11020	48.65	-5.86	H	42.79	53.98	11.19	AV
16530	63.35	-3.75	H	59.60	68.20	8.60	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5550 MHz
Channel No.	110 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11180	62.72	-6.14	V	56.58	73.98	17.40	PK
11180	48.57	-6.14	V	42.43	53.98	11.55	AV
16770	62.85	-3.11	V	59.74	68.20	8.46	PK
11180	62.76	-6.14	H	56.62	73.98	17.36	PK
11180	48.65	-6.14	H	42.51	53.98	11.47	AV
16770	62.87	-3.11	H	59.76	68.20	8.44	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5710 MHz
Channel No.	142 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11340	62.43	-5.10	V	57.33	73.98	16.65	PK
11340	48.68	-5.10	V	43.58	53.98	10.40	AV
17010	61.85	-1.27	V	60.58	68.20	7.62	PK
11340	62.53	-5.10	H	57.43	73.98	16.55	PK
11340	48.75	-5.10	H	43.65	53.98	10.33	AV
17010	61.75	-1.27	H	60.48	68.20	7.72	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11020	62.69	-5.86	V	56.83	73.98	17.15	PK
11020	48.56	-5.86	V	42.70	53.98	11.28	AV
16530	63.25	-3.75	V	59.50	68.20	8.70	PK
11020	62.78	-5.86	H	56.92	73.98	17.06	PK
11020	48.62	-5.86	H	42.76	53.98	11.22	AV
16530	63.32	-3.75	H	59.57	68.20	8.63	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5550 MHz
Channel No.	110 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11180	62.68	-6.14	V	56.54	73.98	17.44	PK
11180	48.55	-6.14	V	42.41	53.98	11.57	AV
16770	62.81	-3.11	V	59.70	68.20	8.50	PK
11180	62.73	-6.14	H	56.59	73.98	17.39	PK
11180	48.62	-6.14	H	42.48	53.98	11.50	AV
16770	62.84	-3.11	H	59.73	68.20	8.47	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 2C
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5710 MHz
Channel No.	142 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11420	62.39	-6.07	V	56.32	73.98	17.66	PK
11420	48.66	-6.07	V	42.59	53.98	11.39	AV
17130	61.81	-0.81	V	61.00	68.20	7.20	PK
11420	62.50	-6.07	H	56.43	73.98	17.55	PK
11420	48.72	-6.07	H	42.65	53.98	11.33	AV
17130	61.72	-0.81	H	60.91	68.20	7.29	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 2C
Operation Mode:	802.11ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5530 MHz
Channel No.	106 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11060	61.42	-6.21	V	55.21	73.98	18.77	PK
11060	48.32	-6.21	V	42.11	53.98	11.87	AV
16590	62.11	-3.20	V	58.91	68.20	9.29	PK
11060	61.53	-6.21	H	55.32	73.98	18.66	PK
11060	48.37	-6.21	H	42.16	53.98	11.82	AV
16590	62.19	-3.20	H	58.99	68.20	9.21	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_80 MHz BW. Worst case is 29.3 Mbps in 802.11ac_80 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2C
Operation Mode:	802.11ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5690 MHz
Channel No.	138 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11380	62.07	-5.59	V	56.48	73.98	17.50	PK
11380	48.50	-5.59	V	42.91	53.98	11.07	AV
17070	61.98	-1.32	V	60.66	68.20	7.54	PK
11380	62.19	-5.59	H	56.60	73.98	17.38	PK
11380	48.56	-5.59	H	42.97	53.98	11.01	AV
17070	62.07	-1.32	H	60.75	68.20	7.45	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_80 MHz BW. Worst case is 29.3 Mbps in 802.11ac_80 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5745MHz
Channel No.	149 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	63.33	-6.10	V	57.23	73.98	16.75	PK
11490	49.37	-6.10	V	43.27	53.98	10.71	AV
17235	62.51	-1.35	V	61.16	68.20	7.04	PK
11490	63.32	-6.10	H	57.22	73.98	16.76	PK
11490	49.39	-6.10	H	43.29	53.98	10.69	AV
17235	62.50	-1.35	H	61.15	68.20	7.05	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	63.27	-5.57	V	57.70	73.98	16.28	PK
11570	48.83	-5.57	V	43.26	53.98	10.72	AV
17355	62.42	-0.39	V	62.03	68.20	6.17	PK
11570	63.29	-5.57	H	57.72	73.98	16.26	PK
11570	48.85	-5.57	H	43.28	53.98	10.70	AV
17355	62.43	-0.39	H	62.04	68.20	6.16	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	62.58	-6.63	V	55.95	73.98	18.03	PK
11650	49.26	-6.63	V	42.63	53.98	11.35	AV
17475	61.89	0.29	V	62.18	68.20	6.02	PK
11650	62.63	-6.63	H	56.00	73.98	17.98	PK
11650	49.27	-6.63	H	42.64	53.98	11.34	AV
17475	61.82	0.29	H	62.11	68.20	6.09	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 3
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5745 MHz
Channel No.	149 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	63.27	-6.10	V	57.17	73.98	16.81	PK
11490	49.35	-6.10	V	43.25	53.98	10.73	AV
17235	62.45	-1.35	V	61.10	68.20	7.10	PK
11490	63.36	-6.10	H	57.26	73.98	16.72	PK
11490	49.36	-6.10	H	43.26	53.98	10.72	AV
17235	62.54	-1.35	H	61.19	68.20	7.01	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	63.21	-5.57	V	57.64	73.98	16.34	PK
11570	48.81	-5.57	V	43.24	53.98	10.74	AV
17355	62.36	-0.39	V	61.97	68.20	6.23	PK
11570	63.33	-5.57	H	57.76	73.98	16.22	PK
11570	48.82	-5.57	H	43.25	53.98	10.73	AV
17355	62.47	-0.39	H	62.08	68.20	6.12	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	62.52	-6.63	V	55.89	73.98	18.09	PK
11650	49.24	-6.63	V	42.61	53.98	11.37	AV
17475	61.76	0.29	V	62.05	68.20	6.15	PK
11650	62.67	-6.63	H	56.04	73.98	17.94	PK
11650	49.24	-6.63	H	42.61	53.98	11.37	AV
17475	61.93	0.29	H	62.22	68.20	5.98	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5745 MHz
Channel No.	149 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	63.48	-6.10	V	57.38	73.98	16.60	PK
11490	49.39	-6.10	V	43.29	53.98	10.69	AV
17235	62.66	-1.35	V	61.31	68.20	6.89	PK
11490	63.50	-6.10	H	57.40	73.98	16.58	PK
11490	49.44	-6.10	H	43.34	53.98	10.64	AV
17235	62.68	-1.35	H	61.33	68.20	6.87	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	63.42	-5.57	V	57.85	73.98	16.13	PK
11570	48.85	-5.57	V	43.28	53.98	10.70	AV
17355	62.57	-0.39	V	62.18	68.20	6.02	PK
11570	63.47	-5.57	H	57.90	73.98	16.08	PK
11570	48.90	-5.57	H	43.33	53.98	10.65	AV
17355	62.61	-0.39	H	62.22	68.20	5.98	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	62.73	-6.63	V	56.10	73.98	17.88	PK
11650	49.28	-6.63	V	42.65	53.98	11.33	AV
17475	61.97	0.29	V	62.26	68.20	5.94	PK
11650	62.81	-6.63	H	56.18	73.98	17.80	PK
11650	49.32	-6.63	H	42.69	53.98	11.29	AV
17475	62.07	0.29	H	62.36	68.20	5.84	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_20 MHz BW. Worst case is 6.5 Mbps in 802.11ac_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII3
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5755 MHz
Channel No.	151 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11510	63.25	-6.26	V	56.99	73.98	16.99	PK
11510	49.48	-6.26	V	43.22	53.98	10.76	AV
17265	63.12	-1.10	V	62.02	68.20	6.18	PK
11510	63.29	-6.26	H	57.03	73.98	16.95	PK
11510	49.55	-6.26	H	43.29	53.98	10.69	AV
17265	63.12	-1.10	H	62.02	68.20	6.18	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11590	62.72	-5.92	V	56.80	73.98	17.18	PK
11590	49.22	-5.92	V	43.30	53.98	10.68	AV
17385	62.53	-0.24	V	62.29	68.20	5.91	PK
11590	62.76	-5.92	H	56.84	73.98	17.14	PK
11590	49.29	-5.92	H	43.37	53.98	10.61	AV
17385	62.45	-0.24	H	62.21	68.20	5.99	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5755 MHz
Channel No.	151 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11510	63.21	-6.26	V	56.95	73.98	17.03	PK
11510	49.46	-6.26	V	43.20	53.98	10.78	AV
17265	63.08	-1.10	V	61.98	68.20	6.22	PK
11510	63.26	-6.26	H	57.00	73.98	16.98	PK
11510	49.52	-6.26	H	43.26	53.98	10.72	AV
17265	63.09	-1.10	H	61.99	68.20	6.21	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 3
Operation Mode:	802.11ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11590	62.68	-5.92	V	56.76	73.98	17.22	PK
11590	49.20	-5.92	V	43.28	53.98	10.70	AV
17385	62.49	-0.24	V	62.25	68.20	5.95	PK
11590	62.73	-5.92	H	56.81	73.98	17.17	PK
11590	49.26	-5.92	H	43.34	53.98	10.64	AV
17385	62.71	-0.24	H	62.47	68.20	5.73	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_40 MHz BW. Worst case is 13.5 Mbps in 802.11ac_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna

Band :	UNII 3
Operation Mode:	802.11ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5775 MHz
Channel No.	155 Ch

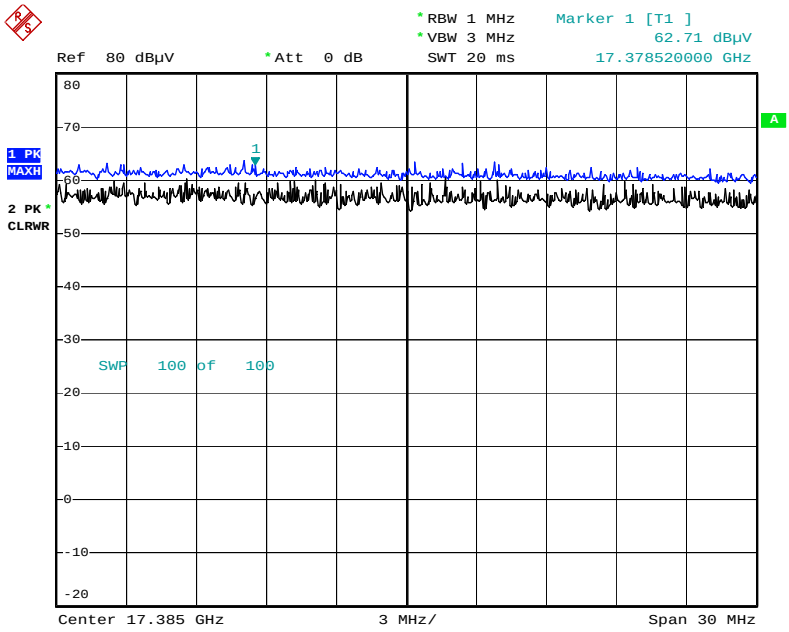
Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11550	62.51	-5.97	V	56.54	73.98	17.44	PK
11550	48.95	-5.97	V	42.98	53.98	11.00	AV
17325	62.04	-0.24	V	61.80	68.20	6.40	PK
11550	62.63	-5.97	H	56.66	73.98	17.32	PK
11550	49.02	-5.97	H	43.05	53.98	10.93	AV
17325	62.15	-0.24	H	61.91	68.20	6.29	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11ac_80 MHz BW. Worst case is 29.3 Mbps in 802.11ac_80 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

▣ RESULT PLOTS

Radiated Spurious Emissions plot – Peak Reading (802.11ac_40M, Ch.159 3rd Harmonic)



Note : Only the worst case plots for Radiated Spurious Emissions.

8.6.2 RADIATED RESTRICTED BAND EDGE MEASUREMENTS

Test Requirements and limit, §15.247(d) §15.205, §15.209

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum 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. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in section 15.209(a) (See section 15.205(c)).

Standalone with normal cover

Band :	UNII 1
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	58.84	8.79	H	67.63	73.98	6.35	PK
5150	40.11	8.79	H	48.9	53.98	5.08	AV
5150	59.54	8.79	V	68.33	73.98	5.65	PK
5150	40.86	8.79	V	49.65	53.98	4.33	AV

Band :	UNII 1
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	56.66	8.79	H	65.45	73.98	8.53	PK
5150	39.12	8.79	H	47.91	53.98	6.07	AV
5150	57.41	8.79	V	66.2	73.98	7.78	PK
5150	40.01	8.79	V	48.8	53.98	5.18	AV

Band :	UNII 1
Operation Mode:	802.11 ac_20Mz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	56.97	8.79	H	65.76	73.98	8.22	PK
5150	38.54	8.79	H	47.33	53.98	6.65	AV
5150	57.43	8.79	V	66.22	73.98	7.76	PK
5150	39.21	8.79	V	48	53.98	5.98	AV

Band :	UNII 1
Operation Mode:	802.11 n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	60.64	8.79	H	69.43	73.98	4.55	PK
5150	40.34	8.79	H	49.13	53.98	4.85	AV
5150	61.41	8.79	V	70.2	73.98	3.78	PK
5150	41.32	8.79	V	50.11	53.98	3.87	AV

Band :	UNII 1
Operation Mode:	802.11 ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	57.54	8.79	H	66.33	73.98	7.65	PK
5150	40.21	8.79	H	49	53.98	4.98	AV
5150	58.15	8.79	V	66.94	73.98	7.04	PK
5150	41.03	8.79	V	49.82	53.98	4.16	AV

Band :	UNII 1
Operation Mode:	802.11 ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5210 MHz
Channel No.	42 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	53.81	8.79	H	62.60	73.98	11.38	PK
5150	39.02	8.79	H	47.81	53.98	6.17	AV
5150	54.54	8.79	V	63.33	73.98	10.65	PK
5150	39.77	8.79	V	48.56	53.98	5.42	AV

Band :	UNII 2A
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	58.78	9.28	H	68.06	73.98	5.92	PK
5350	40.11	9.28	H	49.39	53.98	4.59	AV
5350	60.14	9.28	V	69.42	73.98	4.56	PK
5350	41.27	9.28	V	50.55	53.98	3.43	AV

Band :	UNII 2A
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	59.43	9.28	H	68.71	73.98	5.27	PK
5350	39.03	9.28	H	48.31	53.98	5.67	AV
5350	60.24	9.28	V	69.52	73.98	4.46	PK
5350	39.90	9.28	V	49.18	53.98	4.80	AV

Band :	UNII 2A
Operation Mode:	802.11 ac_20Mz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	57.84	9.28	H	67.12	73.98	6.86	PK
5350	37.02	9.28	H	46.3	53.98	7.68	AV
5350	58.55	9.28	V	67.83	73.98	6.15	PK
5350	37.76	9.28	V	47.04	53.98	6.94	AV

Band :	UNII 2A
Operation Mode:	802.11 n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	56.03	9.28	H	65.31	73.98	8.67	PK
5350	37.60	9.28	H	46.88	53.98	7.10	AV
5350	56.99	9.28	V	66.27	73.98	7.71	PK
5350	38.48	9.28	V	47.76	53.98	6.22	AV

Band :	UNII 2A
Operation Mode:	802.11 ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	57.43	9.28	H	66.71	73.98	7.27	PK
5350	38.77	9.28	H	48.05	53.98	5.93	AV
5350	58.33	9.28	V	67.61	73.98	6.37	PK
5350	39.45	9.28	V	48.73	53.98	5.25	AV

Band :	UNII 1
Operation Mode:	802.11 ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5290 MHz
Channel No.	58 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	56.31	9.28	H	65.59	73.98	8.39	PK
5350	38.97	9.28	H	48.25	53.98	5.73	AV
5350	57.24	9.28	V	66.52	73.98	7.46	PK
5350	39.77	9.28	V	49.05	53.98	4.93	AV

Band :	UNII 2C
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.56	10.08	H	58.64	73.98	15.34	PK
5460	35.21	10.08	H	45.29	53.98	8.69	AV
5470	53.26	9.95	H	63.21	68.20	4.99	PK
5460	49.27	10.08	V	59.35	73.98	14.63	PK
5460	36.05	10.08	V	46.13	53.98	7.85	AV
5470	54.16	9.95	V	64.11	68.20	4.09	PK

Band :	UNII 2C
Operation Mode:	802.11 n_20MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.78	10.08	H	58.86	73.98	15.12	PK
5460	35.09	10.08	H	45.17	53.98	8.81	AV
5470	53.38	9.95	H	63.33	68.20	4.87	PK
5460	49.43	10.08	V	59.51	73.98	14.47	PK
5460	35.95	10.08	V	46.03	53.98	7.95	AV
5470	54.13	9.95	V	64.08	68.20	4.12	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.34	10.08	H	58.42	73.98	15.56	PK
5460	35.11	10.08	H	45.19	53.98	8.79	AV
5470	54.21	9.95	H	64.16	68.20	4.04	PK
5460	49.15	10.08	V	59.23	73.98	14.75	PK
5460	35.93	10.08	V	46.01	53.98	7.97	AV
5470	54.97	9.95	V	64.92	68.20	3.28	PK

Band :	UNII 2C
Operation Mode:	802.11 n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	50.03	10.08	H	60.11	73.98	13.87	PK
5460	34.68	10.08	H	44.76	53.98	9.22	AV
5470	54.11	9.95	H	64.06	68.20	4.14	PK
5460	50.95	10.08	V	61.03	73.98	12.95	PK
5460	35.71	10.08	V	45.79	53.98	8.19	AV
5470	54.91	9.95	V	64.86	68.20	3.34	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	49.88	10.08	H	59.96	73.98	14.02	PK
5460	34.87	10.08	H	44.95	53.98	9.03	AV
5470	54.43	9.95	H	64.38	68.20	3.82	PK
5460	50.58	10.08	V	60.66	73.98	13.32	PK
5460	35.68	10.08	V	45.76	53.98	8.22	AV
5470	55.07	9.95	V	65.02	68.20	3.18	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5530 MHz
Channel No.	106 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.64	10.08	H	58.72	73.98	15.26	PK
5460	35.07	10.08	H	45.15	53.98	8.83	AV
*5470	50.89	9.95	H	60.84	68.20	7.36	PK
5460	49.48	10.08	V	59.56	73.98	14.42	PK
5460	35.83	10.08	V	45.91	53.98	8.07	AV
*5470	51.60	9.95	V	61.55	68.20	6.65	PK

Band :	UNII 3
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	53.01	11.37	H	64.38	78.20	13.82	PK
*5850	53.24	11.37	V	64.61	78.20	13.59	PK
*5860	47.22	11.37	H	58.59	68.20	9.61	PK
*5860	47.46	11.37	V	58.83	68.20	9.37	PK

Band :	UNII 3
Operation Mode:	802.11 n_20MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	52.59	11.37	H	63.96	78.20	14.24	PK
*5850	52.85	11.37	V	64.22	78.20	13.98	PK
*5860	47.22	11.37	H	58.59	68.20	9.61	PK
*5860	47.47	11.37	V	58.84	68.20	9.36	PK

Band :	UNII 3
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	54.13	11.37	H	65.50	78.20	12.70	PK
*5850	54.35	11.37	V	65.72	78.20	12.48	AV
*5860	49.00	11.37	H	60.37	68.20	7.83	PK
*5860	49.14	11.37	V	60.51	68.20	7.69	AV

Band :	UNII 3
Operation Mode:	802.11 n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	47.43	11.37	H	58.80	78.20	19.40	PK
*5850	47.57	11.37	V	58.94	78.20	19.26	PK
*5860	47.20	11.37	H	58.57	68.20	9.63	PK
*5860	47.24	11.37	V	58.61	68.20	9.59	PK

Band :	UNII 3
Operation Mode:	802.11 ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	47.21	11.37	H	58.58	78.20	19.62	PK
*5850	47.40	11.37	V	58.77	78.20	19.43	AV
*5860	47.33	11.37	H	58.70	68.20	9.50	PK
*5860	47.44	11.37	V	58.81	68.20	9.39	AV

Band :	UNII 3
Operation Mode:	802.11 ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5755 MHz
Channel No.	155 Ch

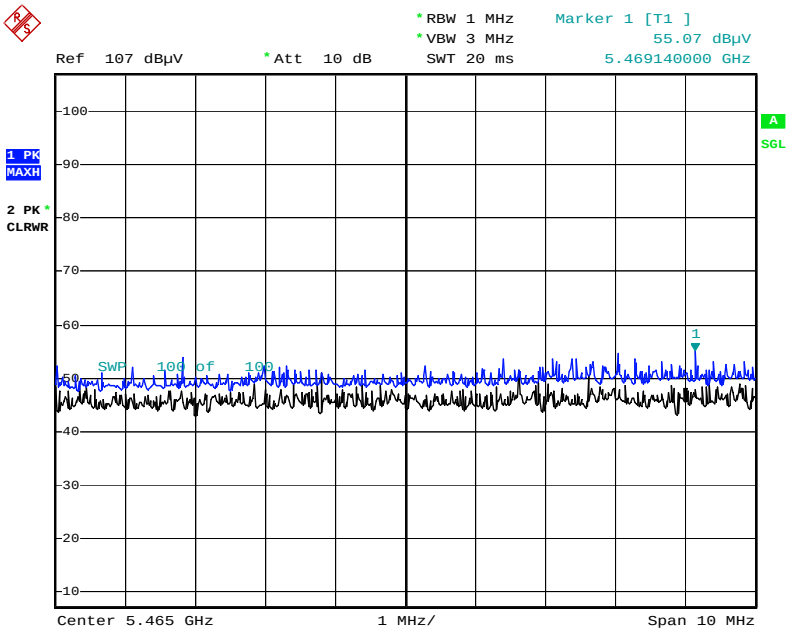
Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5850	48.67	11.37	H	60.04	78.20	18.16	PK
5850	48.80	11.37	V	60.17	78.20	18.03	PK
5860	46.54	11.37	H	57.91	68.20	10.29	PK
5860	46.70	11.37	V	58.07	68.20	10.13	PK

Notes:

1. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + ATT
2. We have done all data rate in 802.11a/n/ac mode test. . Worst case of EUT is lowest data rate in 802.11a/n/ac.
3. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
4. '*' is radiated band edge test frequency.(not restricted band emissions)

▣ RESULT PLOTS

Radiated Restricted Band Edges plot – Peak Reading (802.11ac_40M, Ch.102)



Date: 2.SEP.2015 07:59:19

Note : Only the worst case plots for Radiated Restricted Band Edges.

Standalone with wireless charging cover

Band :	UNII 1
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	56.31	8.79	H	65.10	73.98	8.88	PK
5150	39.21	8.79	H	48.00	53.98	5.98	AV
5150	57.26	8.79	V	66.05	73.98	7.93	PK
5150	40.10	8.79	V	48.89	53.98	5.09	AV

Band :	UNII 1
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	54.12	8.79	H	62.91	73.98	11.07	PK
5150	37.65	8.79	H	46.44	53.98	7.54	AV
5150	55.05	8.79	V	63.84	73.98	10.14	PK
5150	38.50	8.79	V	47.29	53.98	6.69	AV

Band :	UNII 1
Operation Mode:	802.11 ac_20Mz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	57.74	8.79	H	66.53	73.98	7.45	PK
5150	38.12	8.79	H	46.91	53.98	7.07	AV
5150	58.36	8.79	V	67.15	73.98	6.83	PK
5150	38.98	8.79	V	47.77	53.98	6.21	AV

Band :	UNII 1
Operation Mode:	802.11 n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	59.81	8.79	H	68.60	73.98	5.38	PK
5150	40.22	8.79	H	49.01	53.98	4.97	AV
5150	60.63	8.79	V	69.42	73.98	4.56	PK
5150	41.13	8.79	V	49.92	53.98	4.06	AV

Band :	UNII 1
Operation Mode:	802.11 ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	56.79	8.79	H	65.58	73.98	8.40	PK
5150	39.68	8.79	H	48.47	53.98	5.51	AV
5150	57.67	8.79	V	66.46	73.98	7.52	PK
5150	40.47	8.79	V	49.26	53.98	4.72	AV

Band :	UNII 1
Operation Mode:	802.11 ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5210 MHz
Channel No.	42 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	53.76	8.79	H	62.55	73.98	11.43	PK
5150	40.61	8.79	H	49.40	53.98	4.58	AV
5150	54.92	8.79	V	63.71	73.98	10.27	PK
5150	41.73	8.79	V	50.52	53.98	3.46	AV

Band :	UNII 2A
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	54.55	9.28	H	63.83	73.98	10.15	PK
5350	39.01	9.28	H	48.29	53.98	5.69	AV
5350	55.30	9.28	V	64.58	73.98	9.40	PK
5350	39.79	9.28	V	49.07	53.98	4.91	AV

Band :	UNII 2A
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	56.21	9.28	H	65.49	73.98	8.49	PK
5350	36.88	9.28	H	46.16	53.98	7.82	AV
5350	56.97	9.28	V	66.25	73.98	7.73	PK
5350	37.63	9.28	V	46.91	53.98	7.07	AV

Band :	UNII 2A
Operation Mode:	802.11 ac_20Mz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	59.14	9.28	H	68.42	73.98	5.56	PK
5350	36.84	9.28	H	46.12	53.98	7.86	AV
5350	59.91	9.28	V	69.19	73.98	4.79	PK
5350	37.58	9.28	V	46.86	53.98	7.12	AV

Band :	UNII 2A
Operation Mode:	802.11 n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	56.04	9.28	H	65.32	73.98	8.66	PK
5350	36.61	9.28	H	45.89	53.98	8.09	AV
5350	56.91	9.28	V	66.19	73.98	7.79	PK
5350	37.54	9.28	V	46.82	53.98	7.16	AV

Band :	UNII 2A
Operation Mode:	802.11 ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	57.21	9.28	H	66.49	73.98	7.49	PK
5350	37.01	9.28	H	46.29	53.98	7.69	AV
5350	57.90	9.28	V	67.18	73.98	6.80	PK
5350	37.84	9.28	V	47.12	53.98	6.86	AV

Band :	UNII 1
Operation Mode:	802.11 ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5290 MHz
Channel No.	58 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	55.22	9.28	H	64.50	73.98	9.48	PK
5350	37.19	9.28	H	46.47	53.98	7.51	AV
5350	56.02	9.28	V	65.30	73.98	8.68	PK
5350	37.96	9.28	V	47.24	53.98	6.74	AV

Band :	UNII 2C
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.59	10.08	H	58.67	73.98	15.31	PK
5460	35.34	10.08	H	45.42	53.98	8.56	AV
5470	49.12	9.95	H	59.07	68.20	9.13	PK
5460	49.68	10.08	V	59.76	73.98	14.22	PK
5460	36.00	10.08	V	46.08	53.98	7.90	AV
5470	50.16	9.95	V	60.11	68.20	8.09	PK

Band :	UNII 2C
Operation Mode:	802.11 n_20MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.64	10.08	H	58.72	73.98	15.26	PK
5460	35.32	10.08	H	45.40	53.98	8.58	AV
5470	49.88	9.95	H	59.83	68.20	8.37	PK
5460	49.00	10.08	V	59.08	73.98	14.90	PK
5460	35.99	10.08	V	46.07	53.98	7.91	AV
5470	50.20	9.95	V	60.15	68.20	8.05	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	49.31	10.08	H	59.39	73.98	14.59	PK
5460	35.26	10.08	H	45.34	53.98	8.64	AV
5470	49.84	9.95	H	59.79	68.20	8.41	PK
5460	49.94	10.08	V	60.02	73.98	13.96	PK
5460	35.93	10.08	V	46.01	53.98	7.97	AV
5470	50.62	9.95	V	60.57	68.20	7.63	PK

Band :	UNII 2C
Operation Mode:	802.11 n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.54	10.08	H	58.62	73.98	15.36	PK
5460	35.34	10.08	H	45.42	53.98	8.56	AV
5470	53.86	9.95	H	63.81	68.20	4.39	PK
5460	48.89	10.08	V	58.97	73.98	15.01	PK
5460	35.60	10.08	V	45.68	53.98	8.30	AV
5470	54.25	9.95	V	64.20	68.20	4.00	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.21	10.08	H	58.29	73.98	15.69	PK
5460	35.31	10.08	H	45.39	53.98	8.59	AV
5470	52.19	9.95	H	62.14	68.20	6.06	PK
5460	48.55	10.08	V	58.63	73.98	15.35	PK
5460	35.53	10.08	V	45.61	53.98	8.37	AV
5470	52.64	9.95	V	62.59	68.20	5.61	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5530 MHz
Channel No.	106 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	49.34	10.08	H	59.42	73.98	14.56	PK
5460	35.43	10.08	H	45.51	53.98	8.47	AV
*5470	49.88	9.95	H	59.83	68.20	8.37	PK
5460	49.89	10.08	V	59.97	73.98	14.01	PK
5460	35.74	10.08	V	45.82	53.98	8.16	AV
*5470	50.33	9.95	V	60.28	68.20	7.92	PK

Band :	UNII 3
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	55.51	11.37	H	66.88	78.20	11.32	PK
*5850	55.74	11.37	V	67.11	78.20	11.09	PK
*5860	49.49	11.37	H	60.86	68.20	7.34	PK
*5860	49.74	11.37	V	61.11	68.20	7.09	PK

Band :	UNII 3
Operation Mode:	802.11 n_20MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	53.77	11.37	H	65.14	78.20	13.06	PK
*5850	53.93	11.37	V	65.30	78.20	12.90	PK
*5860	47.19	11.37	H	58.56	68.20	9.64	PK
*5860	47.44	11.37	V	58.81	68.20	9.39	PK

Band :	UNII 3
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	53.51	11.37	H	64.88	78.20	13.32	PK
*5850	53.79	11.37	V	65.16	78.20	13.04	AV
*5860	48.59	11.37	H	59.96	68.20	8.24	PK
*5860	48.75	11.37	V	60.12	68.20	8.08	AV

Band :	UNII 3
Operation Mode:	802.11 n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	47.55	11.37	H	58.92	78.20	19.28	PK
*5850	47.98	11.37	V	59.35	78.20	18.85	PK
*5860	47.39	11.37	H	58.76	68.20	9.44	PK
*5860	47.59	11.37	V	58.96	68.20	9.24	PK

Band :	UNII 3
Operation Mode:	802.11 ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	47.59	11.37	H	58.96	78.20	19.24	PK
*5850	47.82	11.37	V	59.19	78.20	19.01	AV
*5860	47.66	11.37	H	59.03	68.20	9.17	PK
*5860	47.97	11.37	V	59.34	68.20	8.86	AV

Band :	UNII 3
Operation Mode:	802.11 ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5755 MHz
Channel No.	155 Ch

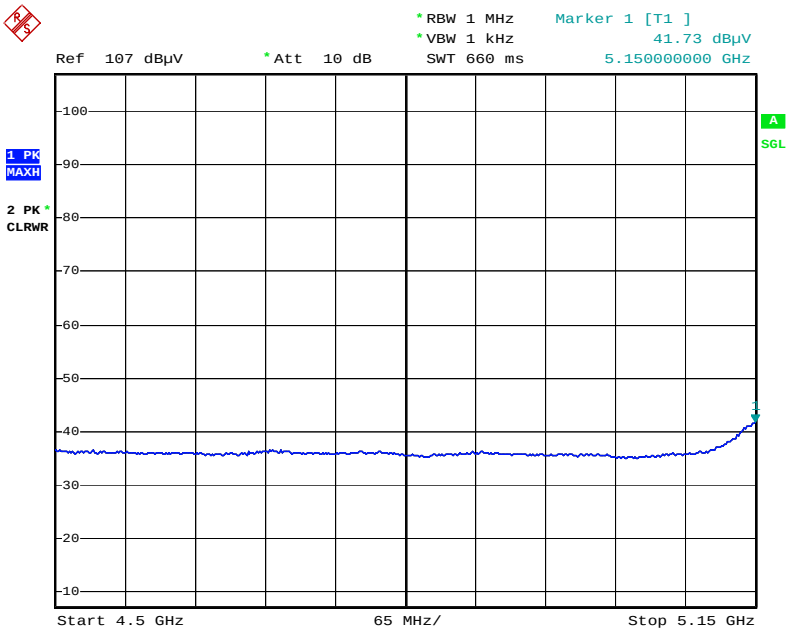
Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5850	47.89	11.37	H	59.26	78.20	18.94	PK
5850	48.16	11.37	V	59.53	78.20	18.67	PK
5860	46.77	11.37	H	58.14	68.20	10.06	PK
5860	46.90	11.37	V	58.27	68.20	9.93	PK

Notes:

1. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + ATT
2. We have done all data rate in 802.11a/n/ac mode test. . Worst case of EUT is lowest data rate in 802.11a/n/ac.
3. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
4. '*' is radiated band edge test frequency.(not restricted band emissions)

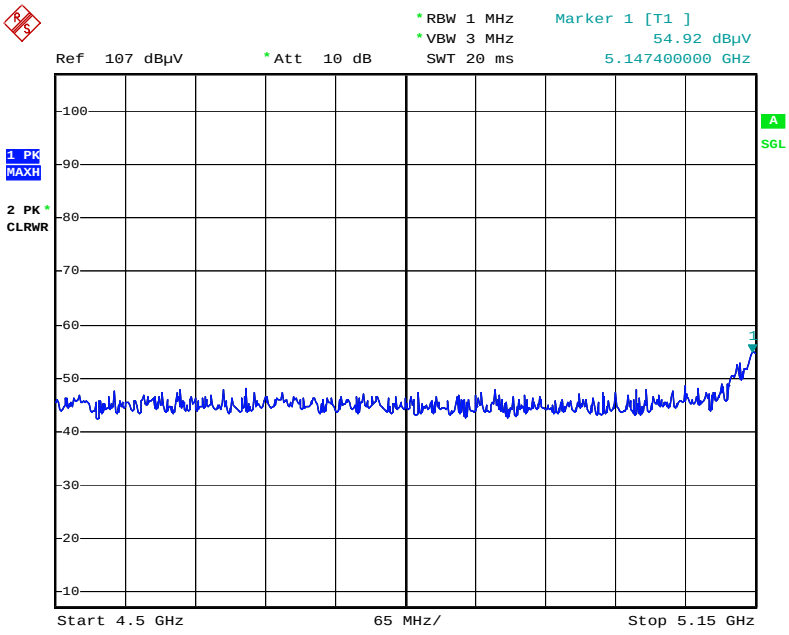
▣ RESULT PLOTS

Radiated Restricted Band Edges plot – Average Reading (802.11ac_80M, Ch.42)



Date: 2.SEP.2015 08:12:55

Radiated Restricted Band Edges plot – Peak Reading (802.11ac_80M, Ch.42)



Date: 2.SEP.2015 08:16:24

Note : Only the worst case plots for Radiated Restricted Band Edges.

With wireless charging pad(WCD-110)

Band :	UNII 1
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	51.03	8.79	H	59.82	73.98	14.16	PK
5150	36.96	8.79	H	45.75	53.98	8.23	AV
5150	58.75	8.79	V	67.54	73.98	6.44	PK
5150	39.36	8.79	V	48.15	53.98	5.83	AV

Band :	UNII 1
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	49.60	8.79	H	58.39	73.98	15.59	PK
5150	36.66	8.79	H	45.45	53.98	8.53	AV
5150	52.42	8.79	V	61.21	73.98	12.77	PK
5150	37.30	8.79	V	46.09	53.98	7.89	AV

Band :	UNII 1
Operation Mode:	802.11 ac_20Mz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	49.55	8.79	H	58.34	73.98	15.64	PK
5150	36.61	8.79	H	45.4	53.98	8.58	AV
5150	52.99	8.79	V	61.78	73.98	12.20	PK
5150	37.36	8.79	V	46.15	53.98	7.83	AV

Band :	UNII 1
Operation Mode:	802.11 n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	50.84	8.79	H	59.63	73.98	14.35	PK
5150	36.61	8.79	H	45.4	53.98	8.58	AV
5150	56.66	8.79	V	65.45	73.98	8.53	PK
5150	39.03	8.79	V	47.82	53.98	6.16	AV

Band :	UNII 1
Operation Mode:	802.11 ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	51.32	8.79	H	60.11	73.98	13.87	PK
5150	36.83	8.79	H	45.62	53.98	8.36	AV
5150	55.07	8.79	V	63.86	73.98	10.12	PK
5150	39.42	8.79	V	48.21	53.98	5.77	AV

Band :	UNII 1
Operation Mode:	802.11 ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5210 MHz
Channel No.	42 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	51.35	8.79	H	60.14	73.98	13.84	PK
5150	37.02	8.79	H	45.81	53.98	8.17	AV
5150	53.82	8.79	V	62.61	73.98	11.37	PK
5150	39.69	8.79	V	48.48	53.98	5.50	AV

Band :	UNII 2A
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	50.54	9.28	H	59.82	73.98	14.16	PK
5350	36.31	9.28	H	45.59	53.98	8.39	AV
5350	54.19	9.28	V	63.47	73.98	10.51	PK
5350	38.67	9.28	V	47.95	53.98	6.03	AV

Band :	UNII 2A
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	50.10	9.28	H	59.38	73.98	14.60	PK
5350	35.89	9.28	H	45.17	53.98	8.81	AV
5350	56.35	9.28	V	65.63	73.98	8.35	PK
5350	36.95	9.28	V	46.23	53.98	7.75	AV

Band :	UNII 2A
Operation Mode:	802.11 ac_20Mz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	49.89	9.28	H	59.17	73.98	14.81	PK
5350	35.84	9.28	H	45.12	53.98	8.86	AV
5350	56.40	9.28	V	65.68	73.98	8.30	PK
5350	37.08	9.28	V	46.36	53.98	7.62	AV

Band :	UNII 2A
Operation Mode:	802.11 n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	50.88	9.28	H	60.16	73.98	13.82	PK
5350	36.51	9.28	H	45.79	53.98	8.19	AV
5350	53.87	9.28	V	63.15	73.98	10.83	PK
5350	36.85	9.28	V	46.13	53.98	7.85	AV

Band :	UNII 2A
Operation Mode:	802.11 ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	50.26	9.28	H	59.54	73.98	14.44	PK
5350	36.03	9.28	H	45.31	53.98	8.67	AV
5350	54.78	9.28	V	64.06	73.98	9.92	PK
5350	36.93	9.28	V	46.21	53.98	7.77	AV

Band :	UNII 1
Operation Mode:	802.11 ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5290 MHz
Channel No.	58 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	50.34	9.28	H	59.62	73.98	14.36	PK
5350	36.15	9.28	H	45.43	53.98	8.55	AV
5350	54.29	9.28	V	63.57	73.98	10.41	PK
5350	37.18	9.28	V	46.46	53.98	7.52	AV

Band :	UNII 2C
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.28	10.08	H	58.36	73.98	15.62	PK
5460	35.54	10.08	H	45.62	53.98	8.36	AV
5470	48.17	9.95	H	58.12	68.20	10.08	PK
5460	48.43	10.08	V	58.51	73.98	15.47	PK
5460	35.66	10.08	V	45.74	53.98	8.24	AV
5470	49.69	9.95	V	59.64	68.20	8.56	PK

Band :	UNII 2C
Operation Mode:	802.11 n_20MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.19	10.08	H	58.27	73.98	15.71	PK
5460	35.52	10.08	H	45.6	53.98	8.38	AV
5470	48.13	9.95	H	58.08	68.20	10.12	PK
5460	48.39	10.08	V	58.47	73.98	15.51	PK
5460	35.67	10.08	V	45.75	53.98	8.23	AV
5470	49.38	9.95	V	59.33	68.20	8.87	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.16	10.08	H	58.24	73.98	15.74	PK
5460	35.50	10.08	H	45.58	53.98	8.40	AV
5470	48.11	9.95	H	58.06	68.20	10.14	PK
5460	48.79	10.08	V	58.87	73.98	15.11	PK
5460	35.65	10.08	V	45.73	53.98	8.25	AV
5470	49.34	9.95	V	59.29	68.20	8.91	PK

Band :	UNII 2C
Operation Mode:	802.11 n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.22	10.08	H	58.30	73.98	15.68	PK
5460	35.51	10.08	H	45.59	53.98	8.39	AV
5470	48.18	9.95	H	58.13	68.20	10.07	PK
5460	48.95	10.08	V	59.03	73.98	14.95	PK
5460	35.58	10.08	V	45.66	53.98	8.32	AV
5470	52.90	9.95	V	62.85	68.20	5.35	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.29	10.08	H	58.37	73.98	15.61	PK
5460	35.55	10.08	H	45.63	53.98	8.35	AV
5470	48.21	9.95	H	58.16	68.20	10.04	PK
5460	48.72	10.08	V	58.8	73.98	15.18	PK
5460	35.67	10.08	V	45.75	53.98	8.23	AV
5470	50.22	9.95	V	60.17	68.20	8.03	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5530 MHz
Channel No.	106 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.36	10.08	H	58.44	73.98	15.54	PK
5460	35.63	10.08	H	45.71	53.98	8.27	AV
*5470	48.26	9.95	H	58.21	68.20	9.99	PK
5460	48.94	10.08	V	59.02	73.98	14.96	PK
5460	35.81	10.08	V	45.89	53.98	8.09	AV
*5470	49.40	9.95	V	59.35	68.20	8.85	PK

Band :	UNII 3
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	49.23	11.37	H	60.60	78.20	17.60	PK
*5850	54.03	11.37	V	65.40	78.20	12.80	PK
*5860	47.01	11.37	H	58.38	68.20	9.82	PK
*5860	47.88	11.37	V	59.25	68.20	8.95	PK

Band :	UNII 3
Operation Mode:	802.11 n_20MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	49.25	11.37	H	60.62	78.20	17.58	PK
*5850	54.78	11.37	V	66.15	78.20	12.05	PK
*5860	47.05	11.37	H	58.42	68.20	9.78	PK
*5860	49.56	11.37	V	60.93	68.20	7.27	PK

Band :	UNII 3
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	49.32	11.37	H	60.69	78.20	17.51	PK
*5850	54.87	11.37	V	66.24	78.20	11.96	AV
*5860	47.05	11.37	H	58.42	68.20	9.78	PK
*5860	47.30	11.37	V	58.67	68.20	9.53	AV

Band :	UNII 3
Operation Mode:	802.11 n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	47.84	11.37	H	59.21	78.20	18.99	PK
*5850	48.17	11.37	V	59.54	78.20	18.66	PK
*5860	47.47	11.37	H	58.84	68.20	9.36	PK
*5860	47.54	11.37	V	58.91	68.20	9.29	PK

Band :	UNII 3
Operation Mode:	802.11 ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	47.41	11.37	H	58.78	78.20	19.42	PK
*5850	47.48	11.37	V	58.85	78.20	19.35	AV
*5860	46.89	11.37	H	58.26	68.20	9.94	PK
*5860	46.94	11.37	V	58.31	68.20	9.89	AV

Band :	UNII 3
Operation Mode:	802.11 ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5755 MHz
Channel No.	155 Ch

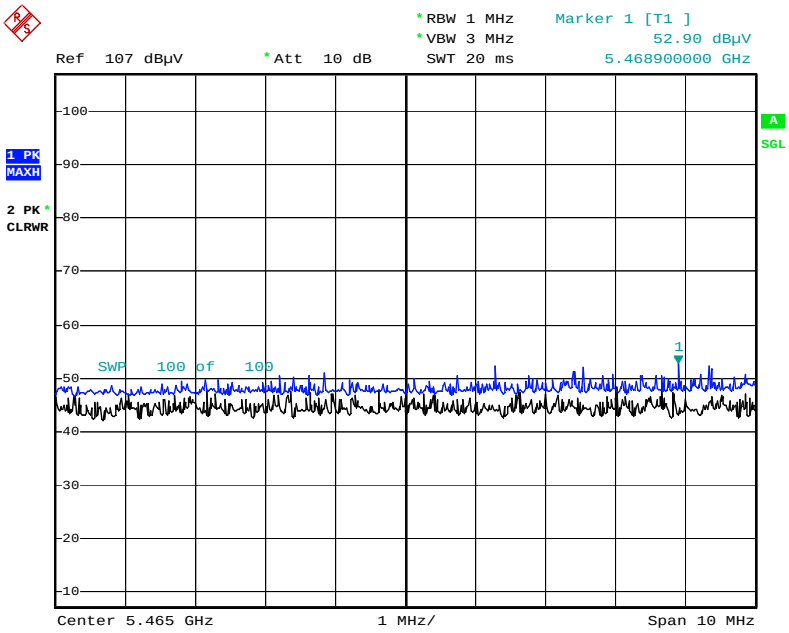
Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5850	47.89	11.37	H	59.26	78.20	18.94	PK
5850	48.87	11.37	V	60.24	78.20	17.96	PK
5860	47.61	11.37	H	58.98	68.20	9.22	PK
5860	47.74	11.37	V	59.11	68.20	9.09	PK

Notes:

1. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + ATT
2. We have done all data rate in 802.11a/n/ac mode test. . Worst case of EUT is lowest data rate in 802.11a/n/ac.
3. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
4. '*' is radiated band edge test frequency.(not restricted band emissions)

▣ RESULT PLOTS

Radiated Restricted Band Edges plot – Peak Reading (802.11g, Ch.11)



Date: 2.SEP.2015 08:08:50

Note : Only the worst case plots for Radiated Restricted Band Edges.

With wireless charging pad(CT 06801)

Band :	UNII 1
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	49.93	8.79	H	58.72	73.98	15.26	PK
5150	36.66	8.79	H	45.45	53.98	8.53	AV
5150	55.01	8.79	V	63.8	73.98	10.18	PK
5150	37.83	8.79	V	46.62	53.98	7.36	AV

Band :	UNII 1
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	48.89	8.79	H	57.68	73.98	16.30	PK
5150	35.43	8.79	H	44.22	53.98	9.76	AV
5150	49.53	8.79	V	58.32	73.98	15.66	PK
5150	36.57	8.79	V	45.36	53.98	8.62	AV

Band :	UNII 1
Operation Mode:	802.11 ac_20Mz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	48.80	8.79	H	57.59	73.98	16.39	PK
5150	35.40	8.79	H	44.19	53.98	9.79	AV
5150	52.46	8.79	V	61.25	73.98	12.73	PK
5150	36.63	8.79	V	45.42	53.98	8.56	AV

Band :	UNII 1
Operation Mode:	802.11 n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	49.32	8.79	H	58.11	73.98	15.87	PK
5150	35.71	8.79	H	44.5	53.98	9.48	AV
5150	51.83	8.79	V	60.62	73.98	13.36	PK
5150	36.92	8.79	V	45.71	53.98	8.27	AV

Band :	UNII 1
Operation Mode:	802.11 ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	49.39	8.79	H	58.18	73.98	15.80	PK
5150	35.74	8.79	H	44.53	53.98	9.45	AV
5150	49.64	8.79	V	58.43	73.98	15.55	PK
5150	37.00	8.79	V	45.79	53.98	8.19	AV

Band :	UNII 1
Operation Mode:	802.11 ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5210 MHz
Channel No.	42 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	49.53	8.79	H	58.32	73.98	15.66	PK
5150	35.91	8.79	H	44.7	53.98	9.28	AV
5150	49.81	8.79	V	58.6	73.98	15.38	PK
5150	37.25	8.79	V	46.04	53.98	7.94	AV

Band :	UNII 2A
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	49.50	9.28	H	58.78	73.98	15.20	PK
5350	35.72	9.28	H	45	53.98	8.98	AV
5350	52.58	9.28	V	61.86	73.98	12.12	PK
5350	36.72	9.28	V	46	53.98	7.98	AV

Band :	UNII 2A
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	48.51	9.28	H	57.79	73.98	16.19	PK
5350	35.10	9.28	H	44.38	53.98	9.60	AV
5350	50.13	9.28	V	59.41	73.98	14.57	PK
5350	36.12	9.28	V	45.4	53.98	8.58	AV

Band :	UNII 2A
Operation Mode:	802.11 ac_20Mz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	48.65	9.28	H	57.93	73.98	16.05	PK
5350	35.14	9.28	H	44.42	53.98	9.56	AV
5350	50.39	9.28	V	59.67	73.98	14.31	PK
5350	36.25	9.28	V	45.53	53.98	8.45	AV

Band :	UNII 2A
Operation Mode:	802.11 n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	48.59	9.28	H	57.87	73.98	16.11	PK
5350	35.11	9.28	H	44.39	53.98	9.59	AV
5350	52.51	9.28	V	61.79	73.98	12.19	PK
5350	36.14	9.28	V	45.42	53.98	8.56	AV

Band :	UNII 2A
Operation Mode:	802.11 ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	48.88	9.28	H	58.16	73.98	15.82	PK
5350	35.24	9.28	H	44.52	53.98	9.46	AV
5350	51.77	9.28	V	61.05	73.98	12.93	PK
5350	36.28	9.28	V	45.56	53.98	8.42	AV

Band :	UNII 1
Operation Mode:	802.11 ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5290 MHz
Channel No.	58 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	48.84	9.28	H	58.12	73.98	15.86	PK
5350	35.22	9.28	H	44.5	53.98	9.48	AV
5350	50.02	9.28	V	59.3	73.98	14.68	PK
5350	36.19	9.28	V	45.47	53.98	8.51	AV

Band :	UNII 2C
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	49.13	10.08	H	59.21	73.98	14.77	PK
5460	35.66	10.08	H	45.74	53.98	8.24	AV
5470	48.48	9.95	H	58.43	68.20	9.77	PK
5460	49.35	10.08	V	59.43	73.98	14.55	PK
5460	35.87	10.08	V	45.95	53.98	8.03	AV
5470	48.88	9.95	V	58.83	68.20	9.37	PK

Band :	UNII 2C
Operation Mode:	802.11 n_20MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	49.11	10.08	H	59.19	73.98	14.79	PK
5460	35.57	10.08	H	45.65	53.98	8.33	AV
5470	48.42	9.95	H	58.37	68.20	9.83	PK
5460	49.86	10.08	V	59.94	73.98	14.04	PK
5460	35.73	10.08	V	45.81	53.98	8.17	AV
5470	48.70	9.95	V	58.65	68.20	9.55	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	49.08	10.08	H	59.16	73.98	14.82	PK
5460	35.53	10.08	H	45.61	53.98	8.37	AV
5470	48.39	9.95	H	58.34	68.20	9.86	PK
5460	48.60	10.08	V	58.68	73.98	15.30	PK
5460	35.67	10.08	V	45.75	53.98	8.23	AV
5470	48.82	9.95	V	58.77	68.20	9.43	PK

Band :	UNII 2C
Operation Mode:	802.11 n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	49.11	10.08	H	59.19	73.98	14.79	PK
5460	35.49	10.08	H	45.57	53.98	8.41	AV
5470	48.42	9.95	H	58.37	68.20	9.83	PK
5460	49.16	10.08	V	59.24	73.98	14.74	PK
5460	35.83	10.08	V	45.91	53.98	8.07	AV
5470	49.21	9.95	V	59.16	68.20	9.04	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	49.07	10.08	H	59.15	73.98	14.83	PK
5460	35.47	10.08	H	45.55	53.98	8.43	AV
5470	48.39	9.95	H	58.34	68.20	9.86	PK
5460	49.48	10.08	V	59.56	73.98	14.42	PK
5460	35.76	10.08	V	45.84	53.98	8.14	AV
5470	48.71	9.95	V	58.66	68.20	9.54	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5530 MHz
Channel No.	106 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	49.05	10.08	H	59.13	73.98	14.85	PK
5460	35.43	10.08	H	45.51	53.98	8.47	AV
*5470	48.37	9.95	H	58.32	68.20	9.88	PK
5460	49.57	10.08	V	59.65	73.98	14.33	PK
5460	35.80	10.08	V	45.88	53.98	8.10	AV
*5470	48.44	9.95	V	58.39	68.20	9.81	PK

Band :	UNII 3
Operation Mode:	802.11 a_20 MHz BW
Transfer Rate:	6 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	47.30	11.37	H	58.67	78.20	19.53	PK
*5850	49.24	11.37	V	60.61	78.20	17.59	PK
*5860	47.30	11.37	H	58.67	68.20	9.53	PK
*5860	47.47	11.37	V	58.84	68.20	9.36	PK

Band :	UNII 3
Operation Mode:	802.11 n_20MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	47.34	11.37	H	58.71	78.20	19.49	PK
*5850	47.55	11.37	V	58.92	78.20	19.28	PK
*5860	47.17	11.37	H	58.54	68.20	9.66	PK
*5860	47.19	11.37	V	58.56	68.20	9.64	PK

Band :	UNII 3
Operation Mode:	802.11 ac_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	47.43	11.37	H	58.80	78.20	19.40	PK
*5850	48.76	11.37	V	60.13	78.20	18.07	AV
*5860	47.18	11.37	H	58.55	68.20	9.65	PK
*5860	47.59	11.37	V	58.96	68.20	9.24	AV

Band :	UNII 3
Operation Mode:	802.11 n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	47.28	11.37	H	58.65	78.20	19.55	PK
*5850	47.50	11.37	V	58.87	78.20	19.33	PK
*5860	47.10	11.37	H	58.47	68.20	9.73	PK
*5860	47.59	11.37	V	58.96	68.20	9.24	PK

Band :	UNII 3
Operation Mode:	802.11 ac_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
*5850	47.26	11.37	H	58.63	78.20	19.57	PK
*5850	47.85	11.37	V	59.22	78.20	18.98	AV
*5860	47.11	11.37	H	58.48	68.20	9.72	PK
*5860	48.04	11.37	V	59.41	68.20	8.79	AV

Band :	UNII 3
Operation Mode:	802.11 ac_80 MHz BW
Transfer Rate:	29.3 Mbps
Operating Frequency	5755 MHz
Channel No.	155 Ch

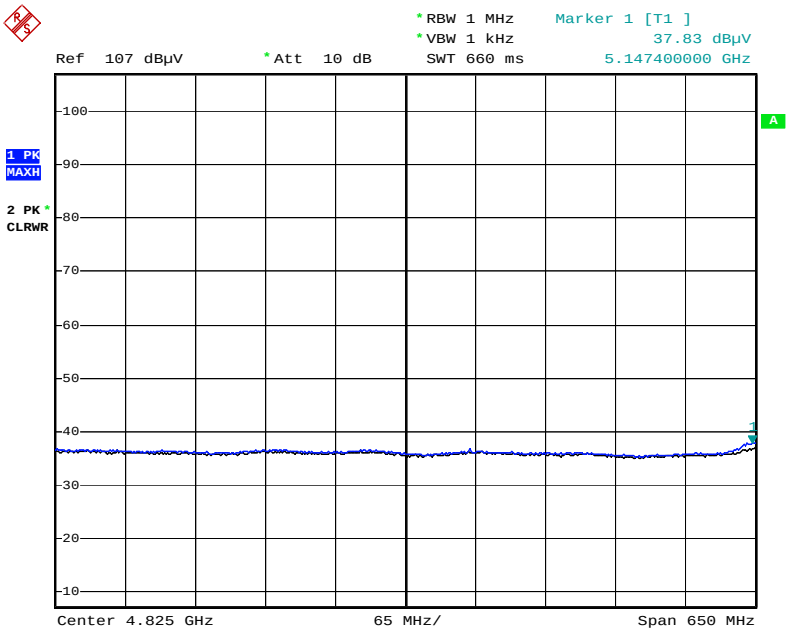
Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5850	47.31	11.37	H	58.68	78.20	19.52	PK
5850	47.97	11.37	V	59.34	78.20	18.86	PK
5860	46.68	11.37	H	58.05	68.20	10.15	PK
5860	46.81	11.37	V	58.18	68.20	10.02	PK

Notes:

1. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain + ATT
2. We have done all data rate in 802.11a/n/ac mode test. . Worst case of EUT is lowest data rate in 802.11a/n/ac.
3. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
4. '*' is radiated band edge test frequency.(not restricted band emissions)

▣ RESULT PLOTS

Radiated Restricted Band Edges plot – Average Reading (802.11a, Ch.36)



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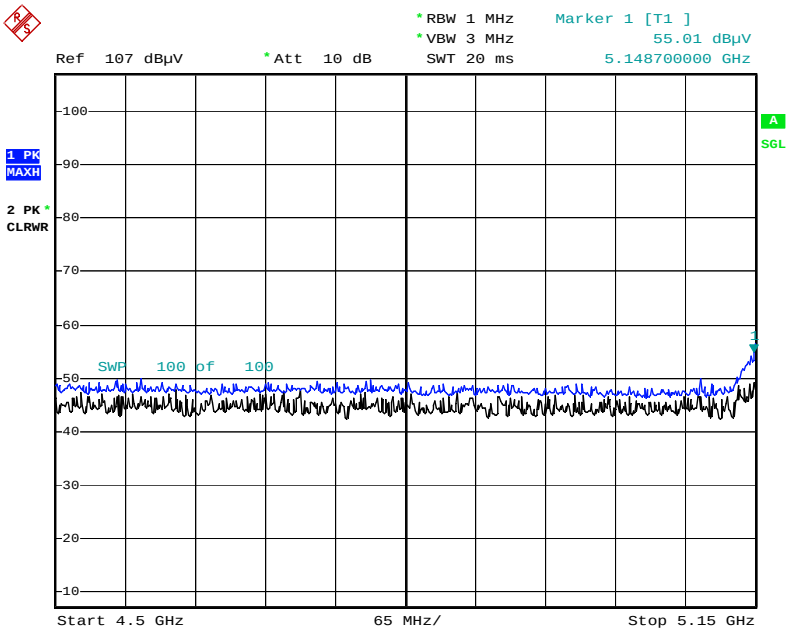
Radiated Restricted Band Edges plot – Peak Reading (802.11a, Ch.36)



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Note : Only the worst case plots for Radiated Restricted Band Edges.

8.7 POWERLINE CONDUCTED EMISSIONS

Test Requirements and limit, §15.207

For an intentional radiator which is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed 250 microvolts (The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz). The limits at specific frequency range is listed as follows:

Frequency Range (MHz)	Limits (dBμV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

Compliance with this provision shall be based on the measurement of the radio frequency voltage between each power line (LINE and NEUTRAL) and ground at the power terminals.

Test Configuration

See test photographs attached in Appendix 1 for the actual connections between EUT and support equipment.

TEST PROCEDURE

1. The EUT is placed on a wooden table 80 cm above the reference groundplane.
2. The EUT is connected via LISN to a test power supply.
3. The measurement results are obtained as described below:
4. Detectors – Quasi Peak and Average Detector.

Sample Calculation

Quasi-peak(Final Result) = Reading Value + Correction Factor

▣ RESULT PLOTS

Standalone with normal cover

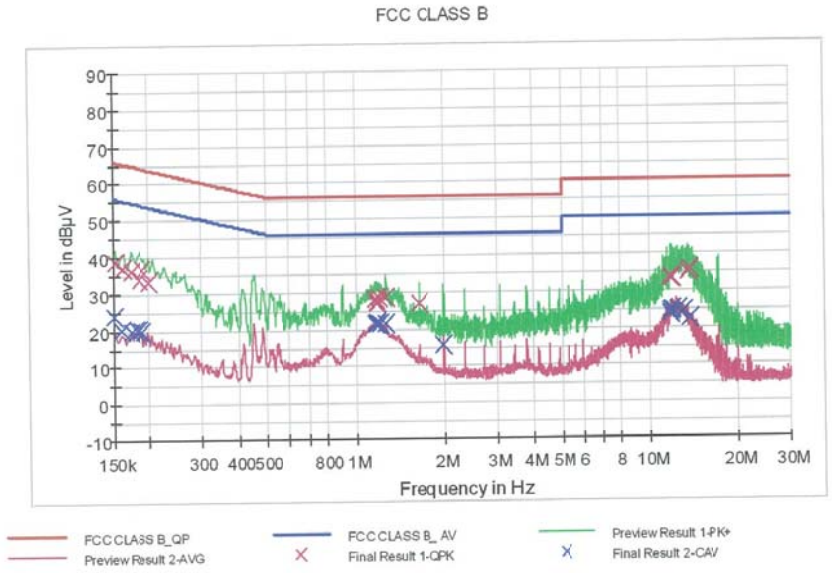
Conducted Emissions (Line 1)

EMI Auto Test(10) 1 / 2

HCT TEST Report

Common Information

EUT:	LG-H960
Manufacturer:	LG
Test Site:	SHIELD ROOM
Operating Conditions:	WLAN MODE_5G
Operator Name:	KS KANG



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.152000	38.9	9.000	Off	N	9.6	27.0	65.9
0.160000	37.1	9.000	Off	N	9.6	28.4	65.5
0.172000	36.3	9.000	Off	N	9.6	28.6	64.9
0.184000	34.0	9.000	Off	N	9.6	30.3	64.3
0.188000	36.6	9.000	Off	N	9.6	27.5	64.1
0.198000	33.4	9.000	Off	N	9.6	30.3	63.7
1.166000	28.1	9.000	Off	N	9.7	27.9	56.0
1.172000	27.4	9.000	Off	N	9.7	28.6	56.0
1.178000	26.9	9.000	Off	N	9.7	29.1	56.0
1.188000	28.6	9.000	Off	N	9.7	27.4	56.0
1.264000	28.5	9.000	Off	N	9.7	27.5	56.0
1.630000	26.9	9.000	Off	N	9.7	29.1	56.0
11.738000	33.2	9.000	Off	N	10.0	26.8	60.0
11.788000	33.6	9.000	Off	N	10.0	26.4	60.0
11.794000	33.4	9.000	Off	N	10.0	26.6	60.0
11.838000	33.2	9.000	Off	N	10.0	26.8	60.0

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EMI Auto Test(10) 2 / 2

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
13.432000	34.9	9.000	Off	N	10.1	25.1	60.0
13.626000	35.9	9.000	Off	N	10.1	24.1	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	23.9	9.000	Off	N	9.6	32.1	56.0
0.158000	20.3	9.000	Off	N	9.6	35.3	55.6
0.172000	19.7	9.000	Off	N	9.6	35.2	54.9
0.180000	20.1	9.000	Off	N	9.6	34.4	54.5
0.184000	20.2	9.000	Off	N	9.6	34.1	54.3
0.188000	19.9	9.000	Off	N	9.6	34.2	54.1
1.166000	21.6	9.000	Off	N	9.7	24.4	46.0
1.172000	21.7	9.000	Off	N	9.7	24.3	46.0
1.178000	21.7	9.000	Off	N	9.7	24.3	46.0
1.200000	21.4	9.000	Off	N	9.7	24.6	46.0
1.264000	21.5	9.000	Off	N	9.7	24.5	46.0
1.990000	15.7	9.000	Off	N	9.7	30.3	46.0
11.738000	23.8	9.000	Off	N	10.0	26.2	50.0
11.788000	24.6	9.000	Off	N	10.0	25.4	50.0
11.838000	24.7	9.000	Off	N	10.0	25.3	50.0
12.410000	24.8	9.000	Off	N	10.0	25.2	50.0
13.002000	24.4	9.000	Off	N	10.1	25.6	50.0
13.626000	22.3	9.000	Off	N	10.1	27.7	50.0

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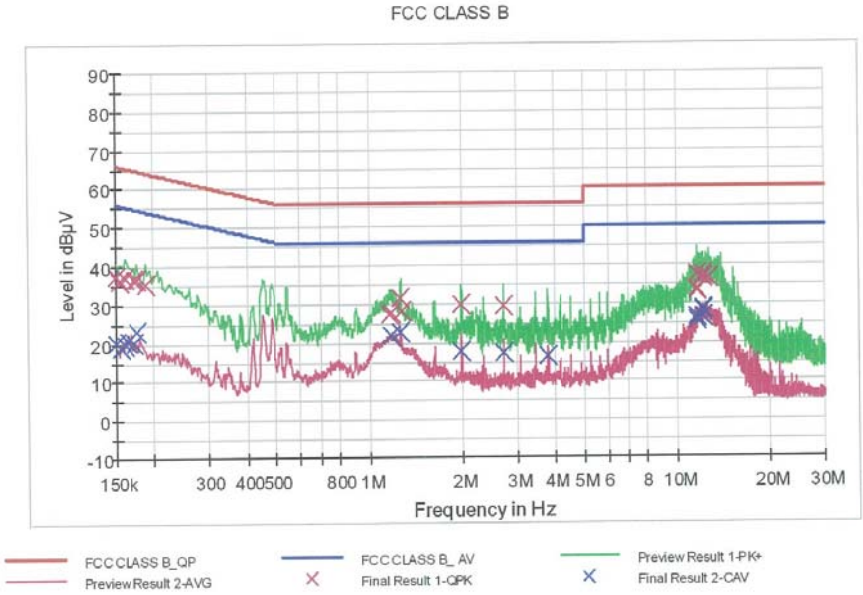
Conducted Emissions (Line 2)

EMI Auto Test(10) 1 / 2

HCT TEST Report

Common Information

EUT:	LG-H960
Manufacturer:	LG
Test Site:	SHIELD ROOM
Operating Conditions:	WLAN MODE_5G
Operator Name:	KS KANG



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	37.4	9.000	Off	L1	9.6	28.6	66.0
0.154000	36.0	9.000	Off	L1	9.6	29.8	65.8
0.160000	37.0	9.000	Off	L1	9.6	28.5	65.5
0.172000	36.5	9.000	Off	L1	9.6	28.4	64.9
0.176000	36.5	9.000	Off	L1	9.6	28.2	64.7
0.188000	35.3	9.000	Off	L1	9.6	28.8	64.1
1.166000	27.4	9.000	Off	L1	9.7	28.6	56.0
1.184000	27.7	9.000	Off	L1	9.7	28.3	56.0
1.266000	31.6	9.000	Off	L1	9.7	24.4	56.0
1.270000	28.1	9.000	Off	L1	9.7	27.9	56.0
1.992000	29.9	9.000	Off	L1	9.7	26.1	56.0
2.714000	29.7	9.000	Off	L1	9.8	26.4	56.0
11.610000	37.5	9.000	Off	L1	10.0	22.5	60.0
11.614000	33.8	9.000	Off	L1	10.0	26.2	60.0
11.624000	33.3	9.000	Off	L1	10.0	26.7	60.0
12.090000	36.6	9.000	Off	L1	10.0	23.4	60.0

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EMI Auto Test(10) 2 / 2

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
12.118000	37.6	9.000	Off	L1	10.0	22.4	60.0
12.676000	36.5	9.000	Off	L1	10.1	23.5	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	20.3	9.000	Off	L1	9.6	35.7	56.0
0.156000	19.0	9.000	Off	L1	9.6	36.7	55.7
0.160000	19.8	9.000	Off	L1	9.6	35.7	55.5
0.164000	20.6	9.000	Off	L1	9.6	34.7	55.3
0.172000	20.4	9.000	Off	L1	9.6	34.5	54.9
0.176000	23.3	9.000	Off	L1	9.6	31.4	54.7
1.176000	21.9	9.000	Off	L1	9.7	24.1	46.0
1.184000	22.0	9.000	Off	L1	9.7	24.0	46.0
1.264000	22.6	9.000	Off	L1	9.7	23.4	46.0
1.992000	17.7	9.000	Off	L1	9.7	28.3	46.0
2.714000	17.4	9.000	Off	L1	9.8	28.6	46.0
3.796000	16.5	9.000	Off	L1	9.8	29.5	46.0
11.606000	25.5	9.000	Off	L1	10.0	24.5	50.0
11.610000	25.7	9.000	Off	L1	10.0	24.3	50.0
11.614000	26.5	9.000	Off	L1	10.0	23.5	50.0
12.066000	28.4	9.000	Off	L1	10.0	21.6	50.0
12.090000	26.6	9.000	Off	L1	10.0	23.4	50.0
12.118000	28.8	9.000	Off	L1	10.0	21.2	50.0

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Standalone with wireless charging cover

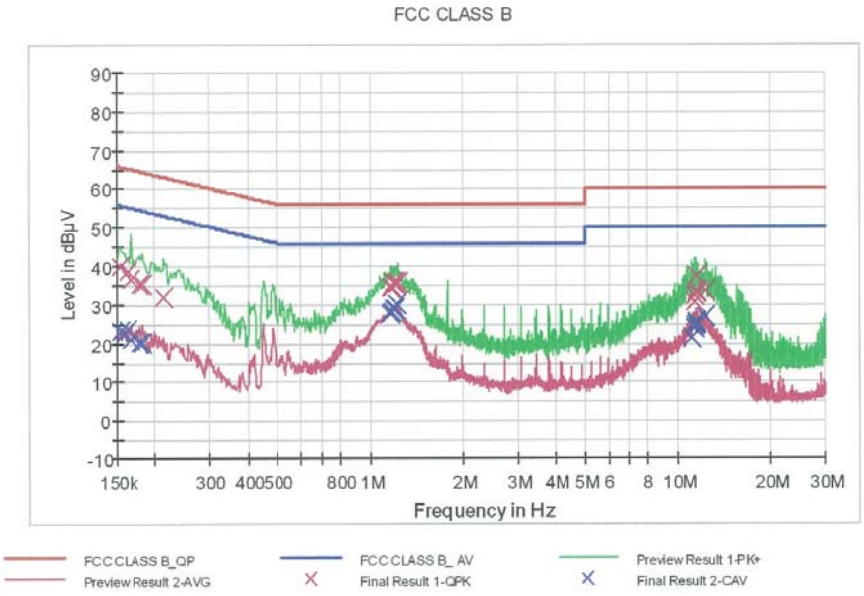
Conducted Emissions (Line 1)

EMI Auto Test(10) 1 / 2

HCT TEST Report

Common Information

EUT:	LG-H960
Manufacturer:	LG
Test Site:	SHIELD ROOM
Operating Conditions:	WLAN MODE_5G (WIRELESS CHARGE CASE)
Operator Name:	



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.154000	39.9	9.000	Off	N	9.6	25.9	65.8
0.162000	38.6	9.000	Off	N	9.6	26.8	65.4
0.166000	36.8	9.000	Off	N	9.6	28.4	65.2
0.178000	35.4	9.000	Off	N	9.6	29.2	64.6
0.182000	35.3	9.000	Off	N	9.6	29.1	64.4
0.214000	32.2	9.000	Off	N	9.6	30.8	63.0
1.160000	34.4	9.000	Off	N	9.7	21.6	56.0
1.184000	34.4	9.000	Off	N	9.7	21.6	56.0
1.192000	35.7	9.000	Off	N	9.7	20.3	56.0
1.206000	36.0	9.000	Off	N	9.7	20.0	56.0
1.212000	35.5	9.000	Off	N	9.7	20.5	56.0
1.226000	35.9	9.000	Off	N	9.7	20.1	56.0
11.380000	32.2	9.000	Off	N	10.0	27.8	60.0
11.384000	30.8	9.000	Off	N	10.0	29.2	60.0
11.442000	33.1	9.000	Off	N	10.0	26.9	60.0
11.446000	33.5	9.000	Off	N	10.0	26.5	60.0

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EMI Auto Test(10) 2 / 2

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
11.450000	37.5	9.000	Off	N	10.0	22.5	60.0
12.310000	33.9	9.000	Off	N	10.0	26.1	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.154000	23.1	9.000	Off	N	9.6	32.7	55.8
0.158000	22.9	9.000	Off	N	9.6	32.7	55.6
0.162000	23.5	9.000	Off	N	9.6	31.9	55.4
0.166000	21.1	9.000	Off	N	9.6	34.1	55.2
0.178000	20.4	9.000	Off	N	9.6	34.2	54.6
0.182000	20.3	9.000	Off	N	9.6	34.1	54.4
1.158000	27.6	9.000	Off	N	9.7	18.4	46.0
1.166000	27.8	9.000	Off	N	9.7	18.2	46.0
1.184000	28.2	9.000	Off	N	9.7	17.8	46.0
1.192000	29.2	9.000	Off	N	9.7	16.8	46.0
1.206000	29.1	9.000	Off	N	9.7	16.9	46.0
1.212000	30.4	9.000	Off	N	9.7	15.6	46.0
11.080000	21.5	9.000	Off	N	10.0	28.5	50.0
11.380000	25.0	9.000	Off	N	10.0	25.0	50.0
11.384000	23.9	9.000	Off	N	10.0	26.1	50.0
11.444000	25.1	9.000	Off	N	10.0	24.9	50.0
11.448000	25.7	9.000	Off	N	10.0	24.3	50.0
12.310000	27.1	9.000	Off	N	10.0	22.9	50.0

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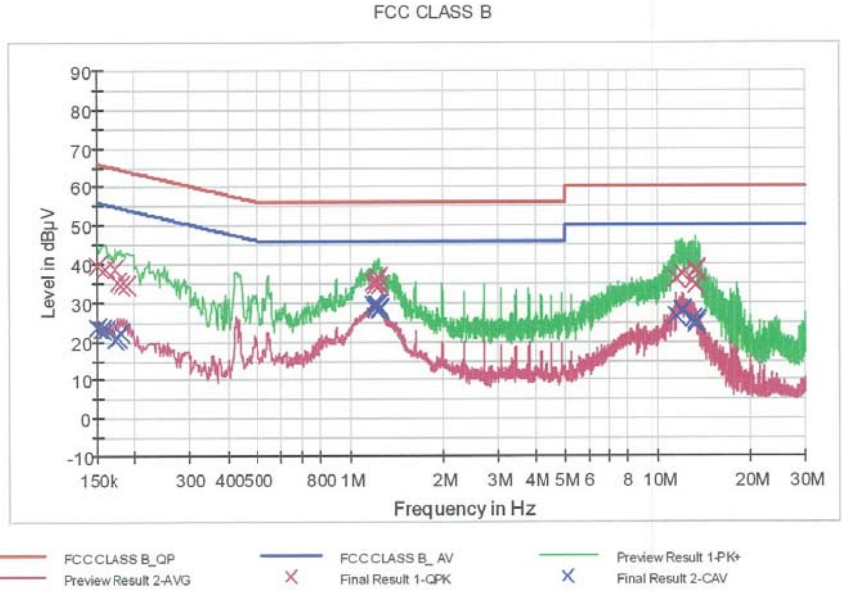
Conducted Emissions (Line 2)

EMI Auto Test(10) 1 / 2

HCT TEST Report

Common Information

EUT:	LG-H960
Manufacturer:	LG
Test Site:	SHIELD ROOM
Operating Conditions:	WLAN MODE_5G (WIRELESS CHARGE CASE)
Operator Name:	KS KANG



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	39.6	9.000	Off	L1	9.6	26.4	66.0
0.158000	38.6	9.000	Off	L1	9.6	27.0	65.6
0.172000	38.6	9.000	Off	L1	9.6	26.3	64.9
0.176000	35.4	9.000	Off	L1	9.6	29.3	64.7
0.180000	34.4	9.000	Off	L1	9.6	30.1	64.5
0.188000	34.6	9.000	Off	L1	9.6	29.5	64.1
1.188000	35.3	9.000	Off	L1	9.7	20.7	56.0
1.200000	34.7	9.000	Off	L1	9.7	21.3	56.0
1.214000	35.8	9.000	Off	L1	9.7	20.2	56.0
1.224000	35.7	9.000	Off	L1	9.7	20.3	56.0
1.236000	36.8	9.000	Off	L1	9.7	19.2	56.0
1.240000	34.6	9.000	Off	L1	9.7	21.4	56.0
11.520000	36.4	9.000	Off	L1	10.0	23.6	60.0
12.052000	37.3	9.000	Off	L1	10.0	22.7	60.0
12.966000	35.6	9.000	Off	L1	10.1	24.4	60.0
13.266000	34.7	9.000	Off	L1	10.1	25.3	60.0

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EMI Auto Test(10) 2 / 2

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
13.336000	38.9	9.000	Off	L1	10.1	21.1	60.0
13.340000	38.4	9.000	Off	L1	10.1	21.6	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	23.6	9.000	Off	L1	9.6	32.4	56.0
0.156000	23.2	9.000	Off	L1	9.6	32.5	55.7
0.160000	23.2	9.000	Off	L1	9.6	32.3	55.5
0.172000	20.7	9.000	Off	L1	9.6	34.2	54.9
0.176000	20.9	9.000	Off	L1	9.6	33.8	54.7
0.180000	22.3	9.000	Off	L1	9.6	32.2	54.5
1.190000	29.5	9.000	Off	L1	9.7	16.6	46.0
1.198000	28.8	9.000	Off	L1	9.7	17.2	46.0
1.214000	29.7	9.000	Off	L1	9.7	16.3	46.0
1.234000	29.5	9.000	Off	L1	9.7	16.5	46.0
1.246000	28.6	9.000	Off	L1	9.7	17.4	46.0
1.250000	28.3	9.000	Off	L1	9.7	17.7	46.0
11.520000	26.7	9.000	Off	L1	10.0	23.3	50.0
12.048000	28.0	9.000	Off	L1	10.0	22.0	50.0
12.052000	27.9	9.000	Off	L1	10.0	22.1	50.0
12.966000	25.8	9.000	Off	L1	10.1	24.2	50.0
13.266000	24.5	9.000	Off	L1	10.1	25.5	50.0
13.334000	25.3	9.000	Off	L1	10.1	24.7	50.0

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With wireless charging pad(WCD-110)

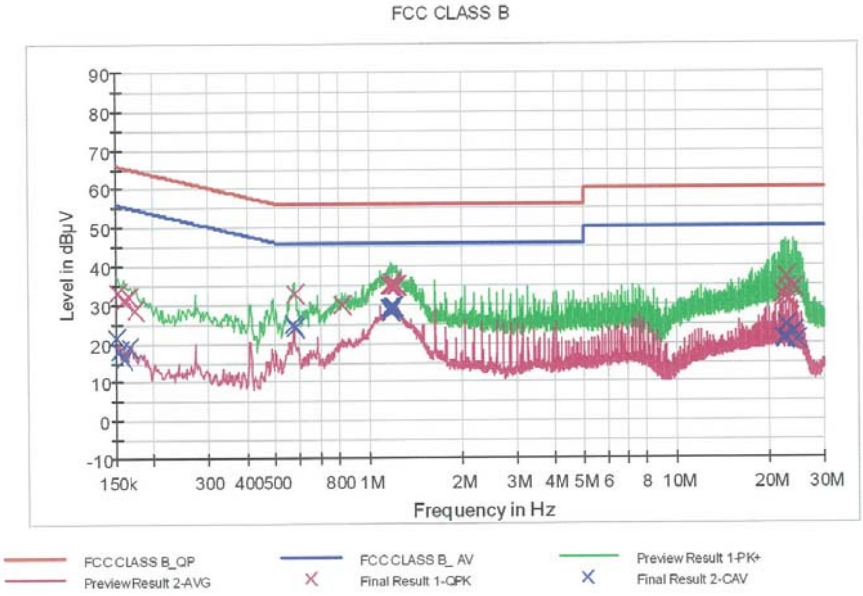
Conducted Emissions (Line 1)

EMI Auto Test(10) 1 / 2

HCT TEST Report

Common Information

EUT:	LG-H960
Manufacturer:	LG
Test Site:	SHIELD ROOM
Operating Conditions:	WLAN MODE_5G (WIRELESS CHARGE PAD_#1)
Operator Name:	KS KANG



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.152000	33.4	9.000	Off	N	9.6	32.5	65.9
0.158000	31.2	9.000	Off	N	9.6	34.4	65.6
0.166000	32.1	9.000	Off	N	9.6	33.1	65.2
0.174000	28.6	9.000	Off	N	9.6	36.2	64.8
0.574000	32.8	9.000	Off	N	9.6	23.2	56.0
0.816000	30.1	9.000	Off	N	9.7	25.9	56.0
1.164000	35.0	9.000	Off	N	9.7	21.0	56.0
1.178000	34.9	9.000	Off	N	9.7	21.1	56.0
1.192000	35.6	9.000	Off	N	9.7	20.4	56.0
1.196000	35.0	9.000	Off	N	9.7	21.0	56.0
1.222000	34.9	9.000	Off	N	9.7	21.1	56.0
1.226000	35.0	9.000	Off	N	9.7	21.0	56.0
22.092000	32.3	9.000	Off	N	10.3	27.7	60.0
22.260000	31.5	9.000	Off	N	10.3	28.5	60.0
22.498000	37.0	9.000	Off	N	10.3	23.0	60.0
22.668000	34.2	9.000	Off	N	10.3	25.8	60.0

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EMI Auto Test(10) 2 / 2

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
23.152000	31.2	9.000	Off	N	10.3	28.8	60.0
23.852000	34.1	9.000	Off	N	10.3	25.9	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	21.5	9.000	Off	N	9.6	34.5	56.0
0.154000	18.3	9.000	Off	N	9.6	37.5	55.8
0.158000	15.9	9.000	Off	N	9.6	39.7	55.6
0.166000	19.0	9.000	Off	N	9.6	36.2	55.2
0.572000	24.7	9.000	Off	N	9.6	21.3	46.0
0.576000	23.9	9.000	Off	N	9.6	22.1	46.0
1.164000	29.0	9.000	Off	N	9.7	17.0	46.0
1.172000	28.2	9.000	Off	N	9.7	17.8	46.0
1.184000	29.2	9.000	Off	N	9.7	16.8	46.0
1.192000	29.3	9.000	Off	N	9.7	16.7	46.0
1.196000	28.9	9.000	Off	N	9.7	17.1	46.0
1.204000	29.7	9.000	Off	N	9.7	16.3	46.0
22.092000	21.0	9.000	Off	N	10.3	29.0	50.0
22.260000	20.9	9.000	Off	N	10.3	29.1	50.0
22.498000	24.4	9.000	Off	N	10.3	25.6	50.0
22.668000	21.0	9.000	Off	N	10.3	29.0	50.0
23.852000	22.9	9.000	Off	N	10.3	27.1	50.0
24.530000	20.7	9.000	Off	N	10.4	29.3	50.0

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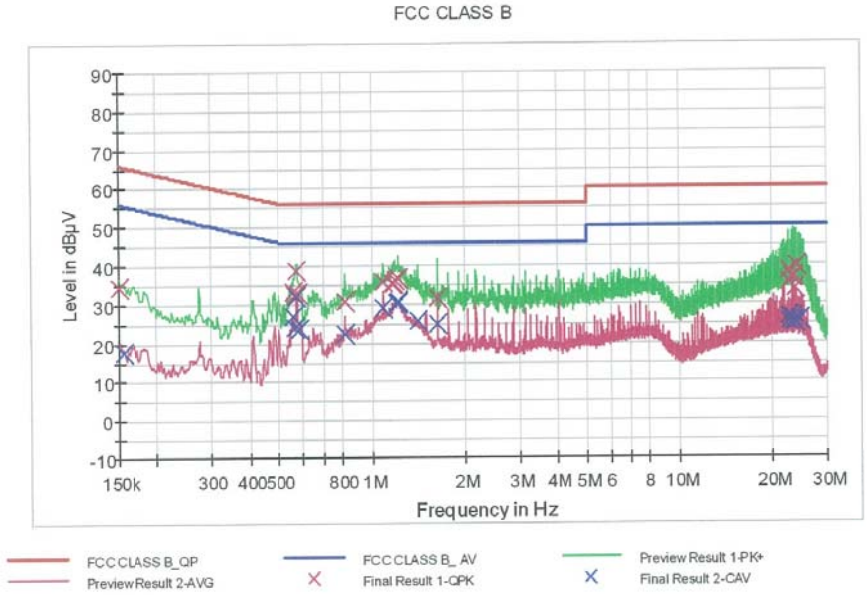
Conducted Emissions (Line 2)

EMI Auto Test(10) 1 / 2

HCT TEST Report

Common Information

EUT:	LG-H960
Manufacturer:	LG
Test Site:	SHIELD ROOM
Operating Conditions:	WLAN MODE_5G (WIRELESS CHARGE PAD_#1)
Operator Name:	KS KANG



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	34.3	9.000	Off	L1	9.6	31.7	66.0
0.556000	33.5	9.000	Off	L1	9.7	22.5	56.0
0.562000	32.3	9.000	Off	L1	9.7	23.7	56.0
0.572000	38.6	9.000	Off	L1	9.7	17.4	56.0
0.580000	33.0	9.000	Off	L1	9.7	23.0	56.0
0.822000	30.6	9.000	Off	L1	9.7	25.4	56.0
1.092000	35.8	9.000	Off	L1	9.7	20.2	56.0
1.162000	35.3	9.000	Off	L1	9.7	20.7	56.0
1.184000	35.5	9.000	Off	L1	9.7	20.5	56.0
1.194000	36.1	9.000	Off	L1	9.7	19.9	56.0
1.222000	36.6	9.000	Off	L1	9.7	19.4	56.0
1.634000	31.7	9.000	Off	L1	9.7	24.3	56.0
22.526000	38.3	9.000	Off	L1	10.3	21.7	60.0
22.656000	35.5	9.000	Off	L1	10.3	24.5	60.0
23.044000	36.4	9.000	Off	L1	10.3	23.6	60.0
23.446000	36.8	9.000	Off	L1	10.3	23.2	60.0

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EMI Auto Test(10) 2 / 2

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
23.580000	33.9	9.000	Off	L1	10.3	26.1	60.0
23.858000	39.8	9.000	Off	L1	10.3	20.2	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.156000	17.9	9.000	Off	L1	9.6	37.8	55.7
0.556000	27.2	9.000	Off	L1	9.7	18.8	46.0
0.562000	23.9	9.000	Off	L1	9.7	22.1	46.0
0.572000	31.9	9.000	Off	L1	9.7	14.1	46.0
0.582000	23.8	9.000	Off	L1	9.7	22.2	46.0
0.822000	22.5	9.000	Off	L1	9.7	23.5	46.0
1.092000	29.0	9.000	Off	L1	9.7	17.0	46.0
1.200000	30.2	9.000	Off	L1	9.7	15.8	46.0
1.212000	30.6	9.000	Off	L1	9.7	15.4	46.0
1.222000	30.5	9.000	Off	L1	9.7	15.5	46.0
1.404000	25.5	9.000	Off	L1	9.7	20.5	46.0
1.634000	25.1	9.000	Off	L1	9.7	20.9	46.0
22.526000	25.4	9.000	Off	L1	10.3	24.6	50.0
22.656000	26.5	9.000	Off	L1	10.3	23.5	50.0
23.044000	26.3	9.000	Off	L1	10.3	23.7	50.0
23.446000	25.3	9.000	Off	L1	10.3	24.7	50.0
23.582000	24.7	9.000	Off	L1	10.3	25.3	50.0
24.550000	25.6	9.000	Off	L1	10.4	24.4	50.0

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With wireless charging pad(CT 06801)

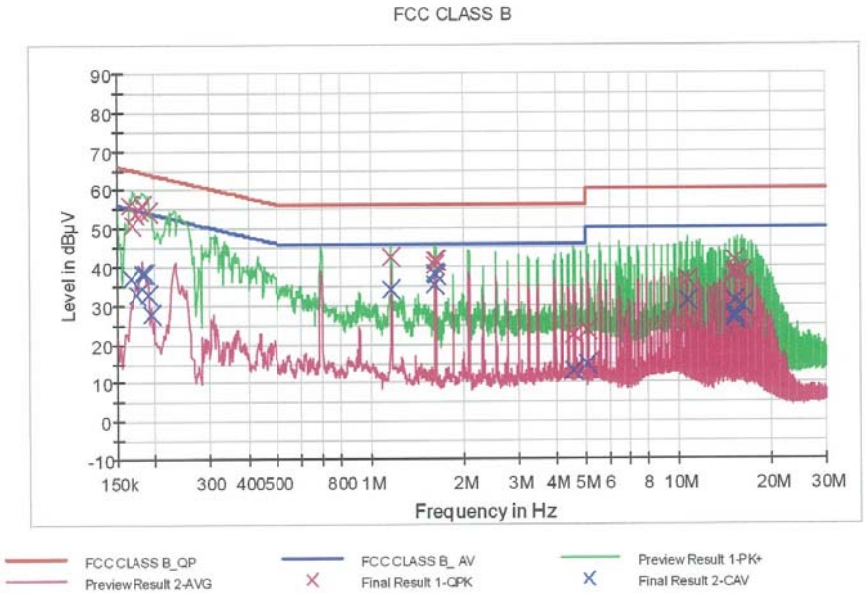
Conducted Emissions (Line 1)

EMI Auto Test(10) 1 / 2

HCT TEST Report

Common Information

EUT:	LG-H960
Manufacturer:	LG
Test Site:	SHIELD ROOM
Operating Conditions:	WLAN MODE_5G (WIRELESS CHARGE PAD_#2)
Operator Name:	KS KANG



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.164000	56.0	9.000	Off	N	9.6	9.3	65.3
0.168000	50.9	9.000	Off	N	9.6	14.2	65.1
0.172000	53.9	9.000	Off	N	9.6	11.0	64.9
0.178000	54.6	9.000	Off	N	9.6	10.0	64.6
0.182000	56.0	9.000	Off	N	9.6	8.4	64.4
0.190000	54.4	9.000	Off	N	9.6	9.6	64.0
1.168000	42.5	9.000	Off	N	9.7	13.5	56.0
1.616000	40.3	9.000	Off	N	9.7	15.7	56.0
1.620000	41.7	9.000	Off	N	9.7	14.3	56.0
1.632000	41.5	9.000	Off	N	9.7	14.5	56.0
4.600000	22.3	9.000	Off	N	9.8	33.7	56.0
5.074000	23.5	9.000	Off	N	9.8	36.5	60.0
10.736000	36.6	9.000	Off	N	10.0	23.4	60.0
15.146000	38.1	9.000	Off	N	10.1	21.9	60.0
15.150000	38.6	9.000	Off	N	10.1	21.4	60.0
15.156000	41.8	9.000	Off	N	10.1	18.2	60.0

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EMI Auto Test(10) 2 / 2

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
15.634000	38.9	9.000	Off	N	10.1	21.1	60.0
16.088000	38.3	9.000	Off	N	10.2	21.7	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.166000	36.9	9.000	Off	N	9.6	18.3	55.2
0.174000	33.0	9.000	Off	N	9.6	21.8	54.8
0.182000	38.1	9.000	Off	N	9.6	16.3	54.4
0.186000	38.5	9.000	Off	N	9.6	15.7	54.2
0.190000	32.8	9.000	Off	N	9.6	21.2	54.0
0.194000	27.9	9.000	Off	N	9.6	26.0	53.9
1.166000	34.3	9.000	Off	N	9.7	11.7	46.0
1.614000	38.4	9.000	Off	N	9.7	7.6	46.0
1.622000	35.2	9.000	Off	N	9.7	10.8	46.0
1.634000	38.0	9.000	Off	N	9.7	8.0	46.0
4.600000	13.2	9.000	Off	N	9.8	32.8	46.0
5.074000	14.6	9.000	Off	N	9.8	35.4	50.0
10.734000	31.0	9.000	Off	N	10.0	19.0	50.0
15.146000	27.1	9.000	Off	N	10.1	22.9	50.0
15.150000	27.8	9.000	Off	N	10.1	22.2	50.0
15.156000	26.7	9.000	Off	N	10.1	23.3	50.0
15.164000	31.1	9.000	Off	N	10.1	18.9	50.0
16.088000	29.9	9.000	Off	N	10.2	20.1	50.0

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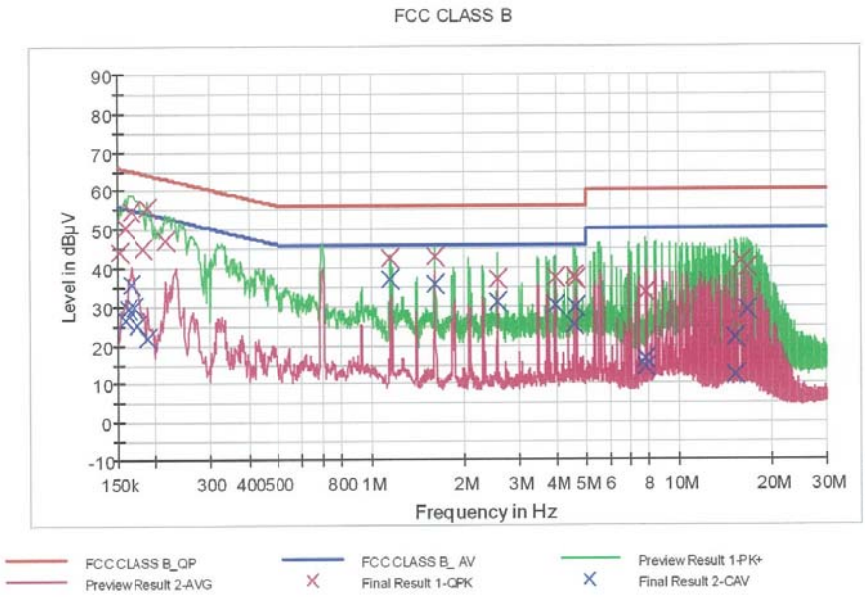
Conducted Emissions (Line 2)

EMI Auto Test(10) 1 / 2

HCT TEST Report

Common Information

EUT:	LG-H960
Manufacturer:	LG
Test Site:	SHIELD ROOM
Operating Conditions:	WLAN MODE_5G (WIRELESS CHARGE PAD_#2)
Operator Name:	KS KANG



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.152000	44.0	9.000	Off	L1	9.6	21.9	65.9
0.158000	50.6	9.000	Off	L1	9.6	15.0	65.6
0.166000	54.9	9.000	Off	L1	9.6	10.3	65.2
0.182000	45.1	9.000	Off	L1	9.6	19.3	64.4
0.188000	55.4	9.000	Off	L1	9.6	8.7	64.1
0.216000	47.2	9.000	Off	L1	9.6	15.8	63.0
1.154000	42.4	9.000	Off	L1	9.7	13.6	56.0
1.614000	42.9	9.000	Off	L1	9.7	13.1	56.0
2.564000	36.9	9.000	Off	L1	9.7	19.1	56.0
3.960000	37.5	9.000	Off	L1	9.8	18.5	56.0
4.596000	37.9	9.000	Off	L1	9.8	18.1	56.0
4.610000	37.2	9.000	Off	L1	9.8	18.8	56.0
7.818000	33.8	9.000	Off	L1	9.9	26.2	60.0
15.142000	26.9	9.000	Off	L1	10.1	33.1	60.0
15.156000	20.9	9.000	Off	L1	10.1	39.1	60.0
15.164000	27.5	9.000	Off	L1	10.1	32.5	60.0

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EMI Auto Test(10) 2 / 2

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
15.978000	41.8	9.000	Off	L1	10.2	18.2	60.0
16.566000	40.2	9.000	Off	L1	10.2	19.8	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.158000	26.7	9.000	Off	L1	9.6	28.9	55.6
0.162000	29.4	9.000	Off	L1	9.6	26.0	55.4
0.166000	36.0	9.000	Off	L1	9.6	19.2	55.2
0.170000	29.9	9.000	Off	L1	9.6	25.1	55.0
0.174000	25.2	9.000	Off	L1	9.6	29.6	54.8
0.188000	22.0	9.000	Off	L1	9.6	32.1	54.1
1.154000	37.1	9.000	Off	L1	9.7	8.9	46.0
1.614000	36.0	9.000	Off	L1	9.7	10.0	46.0
2.566000	31.2	9.000	Off	L1	9.7	14.8	46.0
3.964000	30.2	9.000	Off	L1	9.8	15.8	46.0
4.596000	25.2	9.000	Off	L1	9.8	20.8	46.0
4.610000	29.7	9.000	Off	L1	9.8	16.3	46.0
7.812000	14.3	9.000	Off	L1	9.9	35.7	50.0
7.818000	16.4	9.000	Off	L1	9.9	33.6	50.0
15.142000	21.8	9.000	Off	L1	10.1	28.2	50.0
15.158000	12.4	9.000	Off	L1	10.1	37.6	50.0
15.164000	12.3	9.000	Off	L1	10.1	37.7	50.0
16.566000	29.0	9.000	Off	L1	10.2	21.0	50.0

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9. LIST OF TEST EQUIPMENT

9.1 LIST OF TEST EQUIPMENT(Conducted Test)

Manufacturer	Model / Equipment	Calibration Date	Calibration Interval	Serial No.
Rohde & Schwarz	ENV216/ LISN	01/13/2015	Annual	100073
Agilent	E4440A/ Spectrum Analyzer	03/18/2015	Annual	US45303008
Agilent	N9020A / SIGNAL ANALYZER	06/30/2015	Annual	MY51110085
Agilent	N9020A / SIGNAL ANALYZER	07/02/2015	Annual	MY50510304
Agilent	N1911A/Power Meter	07/09/2015	Annual	MY45100523
Agilent	N1921A /POWER SENSOR	07/09/2015	Annual	MY45241059
Agilent	87300B/Directional Coupler	12/08/2014	Annual	3116A03621
Hewlett Packard	11667B / Power Splitter	04/30/2015	Annual	11275
ITECH	IT6720 / DC POWER SUPPLY	11/04/2014	Annual	010002156287001199
Agilent	8493C / Attenuator(10 dB)	07/21/2015	Annual	07560

9.2 LIST OF TEST EQUIPMENT(Radiated Test)

Manufacturer	Model / Equipment	Calibration Date	Calibration Interval	Serial No.
Schwarzbeck	VULB 9160/ TRILOG Antenna	10/10/2014	Biennial	3368
HD	MA240/ Antenna Position Tower	N/A	N/A	556
EMCO	1050/ Turn Table	N/A	N/A	114
HD GmbH	HD 100/ Controller	N/A	N/A	13
HD GmbH	KMS 560/ SlideBar	N/A	N/A	12
CERNEX	CBL18265035 / POWER AMP	07/27/2015	Annual	22966
Schwarzbeck	BBHA 9120D/ Horn Antenna	05/07/2015	Biennial	937
Schwarzbeck	BBHA9170 / Horn Antenna(15 GHz ~ 40 GHz)	04/30/2015	Biennial	BBHA9170124
Rohde & Schwarz	FSP / Spectrum Analyzer	10/23/2014	Annual	836650/016
Wainwright Instrument	WHF3.0/18G-10EF / High Pass Filter	06/28/2015	Annual	8
Wainwright Instrument	WRCJ2400/2483.5-2370/2520-60/14SS / Band Reject Filter	06/15/2015	Annual	1
Rohde & Schwarz	LOOP ANTENNA	09/03/2014	Biennial	1513-175
CERNEX	CBL06185030 / POWER AMP	07/21/2015	Annual	22965
CERNEX	CBLU1183540 / POWER AMP	07/21/2015	Annual	22964