Above 1 GHz

Band :	UNII 1
Operation Mode:	802.11 a
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	69.49	-6.00	V	63.49	68.20	4.71	PK
15540	67.51	-6.13	V	61.38	73.98	12.60	PK
15540	52.12	-6.13	V	45.99	53.98	7.99	AV
10360	68.52	-6.00	H	62.52	68.20	5.68	PK
15540	67.14	-6.13	H	61.01	73.98	12.97	PK
15540	51.63	-6.13	H	45.50	53.98	8.48	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 802.11a. 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
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	71.22	-6.03	V	65.19	68.20	3.01	PK
15600	70.70	-6.71	V	63.99	73.98	9.99	PK
15600	54.65	-6.71	V	47.94	53.98	6.04	AV
10400	70.89	-6.03	H	64.86	68.20	3.34	PK
15600	70.06	-6.71	H	63.35	73.98	10.63	PK
15600	53.86	-6.71	H	47.15	53.98	6.83	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 802.11a. 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
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	71.88	-6.20	V	65.68	73.98	8.30	PK
10480	56.88	-6.20	V	50.68	53.98	3.30	AV
15720	69.81	-6.46	V	63.35	73.98	10.63	PK
15720	54.20	-6.46	V	47.74	53.98	6.24	AV
10480	71.35	-6.20	H	65.15	73.98	8.83	PK
10480	56.13	-6.20	H	49.93	53.98	4.05	AV
15720	69.11	-6.46	H	62.65	73.98	11.33	PK
15720	53.75	-6.46	H	47.29	53.98	6.69	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 MCS Index:	0
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	68.96	-6.00	V	62.96	68.20	5.24	PK
15540	66.39	-6.13	V	60.26	73.98	13.72	PK
15540	51.23	-6.13	V	45.10	53.98	8.88	AV
10360	68.13	-6.00	H	62.13	68.20	6.07	PK
15540	65.89	-6.13	H	59.76	73.98	14.22	PK
15540	50.48	-6.13	H	44.35	53.98	9.63	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 802.11n_20 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	71.19	-6.03	V	65.16	68.20	3.04	PK
15600	70.06	-6.71	V	63.35	73.98	10.63	PK
15600	53.82	-6.71	V	47.11	53.98	6.87	AV
10400	70.36	-6.03	H	64.33	68.20	3.87	PK
15600	69.24	-6.71	H	62.53	73.98	11.45	PK
15600	53.13	-6.71	H	46.42	53.98	7.56	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 MCS0 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 MCS Index:	0
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	71.14	-6.20	V	64.94	68.20	3.26	PK
15720	69.91	-6.46	V	63.45	73.98	10.53	PK
15720	53.83	-6.46	V	47.37	53.98	6.61	AV
10480	70.44	-6.20	H	64.24	68.20	3.96	PK
15720	69.13	-6.46	H	62.67	73.98	11.31	PK
15720	53.21	-6.46	H	46.75	53.98	7.23	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 MCS0 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 MCS Index:	0
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	68.00	-6.00	V	62.00	68.20	6.20	PK
15540	66.46	-6.13	V	60.33	73.98	13.65	PK
15540	51.09	-6.13	V	44.96	53.98	9.02	AV
10360	67.34	-6.00	H	61.34	68.20	6.86	PK
15540	65.87	-6.13	H	59.74	73.98	14.24	PK
15540	50.45	-6.13	H	44.32	53.98	9.66	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 802.11ac_20 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	71.18	-6.03	V	65.15	68.20	3.05	PK
15600	70.49	-6.71	V	63.78	73.98	10.20	PK
15600	53.85	-6.71	V	47.14	53.98	6.84	AV
10400	70.28	-6.03	H	64.25	68.20	3.95	PK
15600	70.11	-6.71	H	63.40	73.98	10.58	PK
15600	53.14	-6.71	H	46.43	53.98	7.55	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 802.11ac_20 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	70.79	-6.20	V	64.59	68.20	3.61	PK
15720	70.86	-6.46	V	64.40	73.98	9.58	PK
15720	54.03	-6.46	V	47.57	53.98	6.41	AV
10480	70.41	-6.20	H	64.21	68.20	3.99	PK
15720	70.05	-6.46	H	63.59	73.98	10.39	PK
15720	53.20	-6.46	H	46.74	53.98	7.24	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 MCS0 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 MCS Index:	0
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	64.85	-5.67	V	59.18	68.20	9.02	PK
15570	63.82	-5.86	V	57.96	73.98	16.02	PK
15570	50.65	-5.86	V	44.79	53.98	9.19	AV
10380	64.10	-5.67	H	58.43	68.20	9.77	PK
15570	63.24	-5.86	H	57.38	73.98	16.60	PK
15570	50.03	-5.86	H	44.17	53.98	9.81	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 MCS0 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 MCS Index:	0
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	67.94	-6.20	V	61.74	68.20	6.46	PK
15690	68.34	-6.34	V	62.00	73.98	11.98	PK
15690	52.29	-6.34	V	45.95	53.98	8.03	AV
10460	67.11	-6.20	H	60.91	68.20	7.29	PK
15690	67.92	-6.34	H	61.58	73.98	12.40	PK
15690	51.55	-6.34	H	45.21	53.98	8.77	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 MCS0 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 MCS Index:	0
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	65.03	-5.67	V	59.36	68.20	8.84	PK
15570	63.76	-5.86	V	57.90	73.98	16.08	PK
15570	50.62	-5.86	V	44.76	53.98	9.22	AV
10380	64.23	-5.67	H	58.56	68.20	9.64	PK
15570	63.38	-5.86	H	57.52	73.98	16.46	PK
15570	50.24	-5.86	H	44.38	53.98	9.60	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 MCS0 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 MCS Index:	0
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	66.89	-6.20	V	60.69	68.20	7.51	PK
15690	67.28	-6.34	V	60.94	73.98	13.04	PK
15690	52.46	-6.34	V	46.12	53.98	7.86	AV
10460	66.25	-6.20	H	60.05	68.20	8.15	PK
15690	66.76	-6.34	H	60.42	73.98	13.56	PK
15690	51.80	-6.34	H	45.46	53.98	8.52	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 802.11ac_40 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	63.72	-5.93	V	57.79	68.20	10.41	PK
15630	63.41	-6.78	V	56.63	73.98	17.35	PK
15630	51.79	-6.78	V	45.01	53.98	8.97	AV
10420	63.38	-5.93	H	57.45	68.20	10.75	PK
15630	63.14	-6.78	H	56.36	73.98	17.62	PK
15630	51.53	-6.78	H	44.75	53.98	9.23	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 MCS0 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
Transfer MCS Index:	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	70.08	-6.00	V	64.08	68.20	4.12	PK
15780	72.31	-6.34	V	65.97	73.98	8.01	PK
15780	56.02	-6.34	V	49.68	53.98	4.30	AV
10520	69.23	-6.52	H	62.71	68.20	5.49	PK
15780	71.64	-6.34	H	65.30	73.98	8.68	PK
15780	55.43	-6.34	H	49.09	53.98	4.89	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 802.11a. 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
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	71.02	-6.00	V	65.02	73.98	8.96	PK
10600	56.17	-6.00	V	50.17	53.98	3.81	AV
15900	72.32	-6.70	V	65.62	73.98	8.36	PK
15900	56.06	-6.70	V	49.36	53.98	4.62	AV
10600	70.28	-6.00	H	64.28	73.98	9.70	PK
10600	55.69	-6.00	H	49.69	53.98	4.29	AV
15900	71.54	-6.70	H	64.84	73.98	9.14	PK
15900	55.38	-6.70	H	48.68	53.98	5.30	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 802.11a. 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
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	68.40	-5.60	V	62.80	73.98	11.18	PK
10640	53.61	-5.60	V	48.01	53.98	5.97	AV
15960	67.53	-6.81	V	60.72	73.98	13.26	PK
15960	51.83	-6.81	V	45.02	53.98	8.96	AV
10640	67.52	-5.60	H	61.92	73.98	12.06	PK
10640	52.87	-5.60	H	47.27	53.98	6.71	AV
15960	66.91	-6.81	H	60.10	73.98	13.88	PK
15960	51.24	-6.81	H	44.43	53.98	9.55	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 802.11a. 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 MCS Index:	0
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	69.74	-6.00	V	63.74	68.20	4.46	PK
15780	71.42	-6.34	V	65.08	73.98	8.90	PK
15780	55.49	-6.34	V	49.15	53.98	4.83	AV
10520	69.11	-6.52	H	62.59	68.20	5.61	PK
15780	70.20	-6.34	H	63.86	73.98	10.12	PK
15780	54.76	-6.34	H	48.42	53.98	5.56	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 MCS0 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 MCS Index:	0
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	70.41	-6.00	V	64.41	73.98	9.57	PK
10600	55.29	-6.00	V	49.29	53.98	4.69	AV
15900	71.48	-6.70	V	64.78	73.98	9.20	PK
15900	55.15	-6.70	V	48.45	53.98	5.53	AV
10600	69.52	-6.00	H	63.52	73.98	10.46	PK
10600	54.51	-6.00	H	48.51	53.98	5.47	AV
15900	70.85	-6.70	H	64.15	73.98	9.83	PK
15900	54.23	-6.70	H	47.53	53.98	6.45	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 802.11n_20 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	67.07	-5.60	V	61.47	73.98	12.51	PK
10640	53.29	-5.60	V	47.69	53.98	6.29	AV
15960	67.24	-6.81	V	60.43	73.98	13.55	PK
15960	51.23	-6.81	V	44.42	53.98	9.56	AV
10640	66.13	-5.60	H	60.53	73.98	13.45	PK
10640	52.66	-5.60	H	47.06	53.98	6.92	AV
15960	66.41	-6.81	H	59.60	73.98	14.38	PK
15960	50.48	-6.81	H	43.67	53.98	10.31	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 802.11n_20 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	70.06	-6.00	V	64.06	68.20	4.14	PK
15780	71.83	-6.34	V	65.49	73.98	8.49	PK
15780	55.28	-6.34	V	48.94	53.98	5.04	AV
10520	69.68	-6.52	H	63.16	68.20	5.04	PK
15780	71.45	-6.34	H	65.11	73.98	8.87	PK
15780	54.66	-6.34	H	48.32	53.98	5.66	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 802.11ac_20 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	69.64	-6.00	V	63.64	73.98	10.34	PK
10600	55.38	-6.00	V	49.38	53.98	4.60	AV
15900	72.15	-6.70	V	65.45	73.98	8.53	PK
15900	55.08	-6.70	V	48.38	53.98	5.60	AV
10600	69.29	-6.00	H	63.29	73.98	10.69	PK
10600	54.85	-6.00	H	48.85	53.98	5.13	AV
15900	71.33	-6.70	H	64.63	73.98	9.35	PK
15900	54.42	-6.70	H	47.72	53.98	6.26	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 MCS0 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 MCS Index:	0
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	68.57	-5.60	V	62.97	73.98	11.01	PK
10640	53.47	-5.60	V	47.87	53.98	6.11	AV
15960	66.66	-6.81	V	59.85	73.98	14.13	PK
15960	51.17	-6.81	V	44.36	53.98	9.62	AV
10640	68.11	-5.60	H	62.51	73.98	11.47	PK
10640	52.85	-5.60	H	47.25	53.98	6.73	AV
15960	65.80	-6.81	H	58.99	73.98	14.99	PK
15960	50.34	-6.81	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 802.11ac_20 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	66.39	-5.68	V	60.71	68.20	7.49	PK
15810	69.61	-7.39	V	62.22	73.98	11.76	PK
15810	52.75	-7.39	V	45.36	53.98	8.62	AV
10540	65.77	-5.68	H	60.09	68.20	8.11	PK
15810	69.02	-7.39	H	61.63	73.98	12.35	PK
15810	52.16	-7.39	H	44.77	53.98	9.21	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_40 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	63.80	-6.00	V	57.80	73.98	16.18	PK
10620	50.80	-6.00	V	44.80	53.98	9.18	AV
15930	64.22	-6.68	V	57.54	73.98	16.44	PK
15930	50.30	-6.68	V	43.62	53.98	10.36	AV
10620	63.17	-6.00	H	57.17	73.98	16.81	PK
10620	50.24	-6.00	H	44.24	53.98	9.74	AV
15930	63.58	-6.68	H	56.90	73.98	17.08	PK
15930	49.86	-6.68	H	43.18	53.98	10.80	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 MCS0 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 MCS Index:	0
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	66.38	-5.68	V	60.70	68.20	7.50	PK
15810	67.56	-7.39	V	60.17	73.98	13.81	PK
15810	52.69	-7.39	V	45.30	53.98	8.68	AV
10540	65.71	-5.68	H	60.03	68.20	8.17	PK
15810	66.85	-7.39	H	59.46	73.98	14.52	PK
15810	52.14	-7.39	H	44.75	53.98	9.23	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 MCS0 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 MCS Index:	0
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	64.02	-6.00	V	58.02	73.98	15.96	PK
10620	50.92	-6.00	V	44.92	53.98	9.06	AV
15930	63.14	-6.68	V	56.46	73.98	17.52	PK
15930	50.17	-6.68	V	43.49	53.98	10.49	AV
10620	63.70	-6.00	H	57.70	73.98	16.28	PK
10620	50.43	-6.00	H	44.43	53.98	9.55	AV
15930	62.87	-6.68	H	56.19	73.98	17.79	PK
15930	49.82	-6.68	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 802.11ac_40 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	63.55	-5.73	V	57.82	68.20	10.38	PK
15870	63.55	-6.81	V	56.74	73.98	17.24	PK
15870	51.80	-6.81	V	44.99	53.98	8.99	AV
10580	63.28	-5.73	H	57.55	68.20	10.65	PK
15870	63.20	-6.81	H	56.39	73.98	17.59	PK
15870	51.55	-6.81	H	44.74	53.98	9.24	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 MCS0 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
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	64.97	-4.61	V	60.36	73.98	13.62	PK
11000	50.11	-4.61	V	45.50	53.98	8.48	AV
16500	64.09	-4.10	V	59.99	68.20	8.21	PK
11000	63.84	-4.61	H	59.23	73.98	14.75	PK
11000	49.63	-4.61	H	45.02	53.98	8.96	AV
16500	63.27	-4.10	H	59.17	68.20	9.03	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 2C
Operation Mode:	802.11 a
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	67.12	-5.27	V	61.85	73.98	12.13	PK
11160	51.98	-5.27	V	46.71	53.98	7.27	AV
16740	65.71	-3.23	V	62.48	68.20	5.72	PK
11160	66.36	-5.27	H	61.09	73.98	12.89	PK
11160	51.42	-5.27	H	46.15	53.98	7.83	AV
16740	65.14	-3.23	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 802.11a. 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
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
11440	68.40	-5.41	V	62.99	73.98	10.99	PK
11440	53.33	-5.41	V	47.92	53.98	6.06	AV
17160	64.81	-0.96	V	63.85	68.20	4.35	PK
11440	67.60	-5.41	H	62.19	73.98	11.79	PK
11440	52.85	-5.41	H	47.44	53.98	6.54	AV
17160	64.67	-0.96	H	63.71	68.20	4.49	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 MCS Index:	0
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	63.57	-4.61	V	58.96	73.98	15.02	PK
11000	49.72	-4.61	V	45.11	53.98	8.87	AV
16500	63.39	-4.10	V	59.29	68.20	8.91	PK
11000	63.10	-4.61	H	58.49	73.98	15.49	PK
11000	49.36	-4.61	H	44.75	53.98	9.23	AV
16500	62.88	-4.10	H	58.78	68.20	9.42	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 MCS0 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 MCS Index:	0
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	66.82	-5.27	V	61.55	73.98	12.43	PK
11160	51.48	-5.27	V	46.21	53.98	7.77	AV
16740	65.71	-3.23	V	62.48	68.20	5.72	PK
11160	66.27	-5.27	H	61.00	73.98	12.98	PK
11160	51.14	-5.27	H	45.87	53.98	8.11	AV
16740	65.36	-3.23	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 802.11n_20 MHz BW. Worst case is MCS0 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 MCS Index:	0
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
11440	67.56	-5.41	V	62.15	73.98	11.83	PK
11440	52.63	-5.41	V	47.22	53.98	6.76	AV
17160	65.00	-0.96	V	64.04	68.20	4.16	PK
11440	67.15	-5.41	H	61.74	73.98	12.24	PK
11440	52.38	-5.41	H	46.97	53.98	7.01	AV
17160	64.75	-0.96	H	63.79	68.20	4.41	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 MCS0 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 MCS Index:	0
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	63.16	-4.61	V	58.55	73.98	15.43	PK
11000	49.79	-4.61	V	45.18	53.98	8.80	AV
16500	63.96	-4.10	V	59.86	68.20	8.34	PK
11000	62.85	-4.61	H	58.24	73.98	15.74	PK
11000	49.53	-4.61	H	44.92	53.98	9.06	AV
16500	63.42	-4.10	H	59.32	68.20	8.88	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 MCS0 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 MCS Index:	0
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	67.58	-5.27	V	62.31	73.98	11.67	PK
11160	51.56	-5.27	V	46.29	53.98	7.69	AV
16740	65.84	-3.23	V	62.61	68.20	5.59	PK
11160	67.14	-5.27	H	61.87	73.98	12.11	PK
11160	51.28	-5.27	H	46.01	53.98	7.97	AV
16740	65.37	-3.23	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_20 MHz BW. Worst case is MCS0 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 MCS Index:	0
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
11440	68.26	-5.41	V	62.85	73.98	11.13	PK
11440	52.67	-5.41	V	47.26	53.98	6.72	AV
17160	64.62	-0.96	V	63.66	68.20	4.54	PK
11440	67.64	-5.41	H	62.23	73.98	11.75	PK
11440	52.33	-5.41	H	46.92	53.98	7.06	AV
17160	63.97	-0.96	H	63.01	68.20	5.19	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_20 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	62.83	-4.79	V	58.04	73.98	15.94	PK
11020	49.48	-4.79	V	44.69	53.98	9.29	AV
16530	62.18	-3.89	V	58.29	68.20	9.91	PK
11020	62.61	-4.79	H	57.82	73.98	16.16	PK
11020	49.13	-4.79	H	44.34	53.98	9.64	AV
16530	62.05	-3.89	H	58.16	68.20	10.04	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_40 MHz BW. Worst case is MCS0 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 MCS Index:	0
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
11100	63.91	-5.46	V	58.45	73.98	15.53	PK
11100	50.15	-5.46	V	44.69	53.98	9.29	AV
16650	64.68	-3.16	V	61.52	68.20	6.68	PK
11100	63.50	-5.46	H	58.04	73.98	15.94	PK
11100	49.67	-5.46	H	44.21	53.98	9.77	AV
16650	64.28	-3.16	H	61.12	68.20	7.08	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_40 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	65.89	-4.74	V	61.15	73.98	12.83	PK
11420	51.62	-4.74	V	46.88	53.98	7.10	AV
17130	62.77	-1.46	V	61.31	68.20	6.89	PK
11420	65.66	-4.74	H	60.92	73.98	13.06	PK
11420	51.31	-4.74	H	46.57	53.98	7.41	AV
17130	62.52	-1.46	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 802.11n_40 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	62.15	-4.79	V	57.36	73.98	16.62	PK
11020	49.53	-4.79	V	44.74	53.98	9.24	AV
16530	62.24	-3.89	V	58.35	68.20	9.85	PK
11020	61.85	-4.79	H	57.06	73.98	16.92	PK
11020	49.14	-4.79	H	44.35	53.98	9.63	AV
16530	61.96	-3.89	H	58.07	68.20	10.13	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 MCS0 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 MCS Index:	0
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
11100	63.61	-5.46	V	58.15	73.98	15.83	PK
11100	50.13	-5.46	V	44.67	53.98	9.31	AV
16650	63.20	-3.16	V	60.04	68.20	8.16	PK
11100	63.16	-5.46	H	57.70	73.98	16.28	PK
11100	49.77	-5.46	H	44.31	53.98	9.67	AV
16650	62.88	-3.16	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 MCS0 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 MCS Index:	0
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	65.32	-4.74	V	60.58	73.98	13.40	PK
11420	51.51	-4.74	V	46.77	53.98	7.21	AV
17130	62.83	-1.46	V	61.37	68.20	6.83	PK
11420	64.85	-4.74	H	60.11	73.98	13.87	PK
11420	51.23	-4.74	H	46.49	53.98	7.49	AV
17130	62.28	-1.46	H	60.82	68.20	7.38	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_40 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	62.57	-5.10	V	57.47	73.98	16.51	PK
11060	50.68	-5.10	V	45.58	53.98	8.40	AV
16590	63.08	-3.19	V	59.89	68.20	8.31	PK
11060	62.30	-5.10	H	57.20	73.98	16.78	PK
11060	50.43	-5.10	H	45.33	53.98	8.65	AV
16590	62.74	-3.19	H	59.55	68.20	8.65	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 802.11ac_80 MHz BW. Worst case is MCS0 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 MCS Index:	0
Operating Frequency	5610 MHz
Channel No.	122 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11220	63.42	-6.76	V	56.66	73.98	17.32	PK
11220	51.26	-6.76	V	44.50	53.98	9.48	AV
16830	62.24	-2.61	V	59.63	68.20	8.57	PK
11220	63.33	-6.76	H	56.57	73.98	17.41	PK
11220	51.19	-6.76	H	44.43	53.98	9.55	AV
16830	62.05	-2.61	H	59.44	68.20	8.76	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 MCS0 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 MCS Index:	0
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	63.29	-5.00	V	58.29	73.98	15.69	PK
11380	51.39	-5.00	V	46.39	53.98	7.59	AV
17070	61.98	-1.40	V	60.58	68.20	7.62	PK
11380	63.20	-5.00	H	58.20	73.98	15.78	PK
11380	51.27	-5.00	H	46.27	53.98	7.71	AV
17070	61.60	-1.40	H	60.20	68.20	8.00	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 MCS0 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
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	69.16	-5.43	V	63.73	73.98	10.25	PK
11490	54.37	-5.43	V	48.94	53.98	5.04	AV
17235	64.78	-1.30	V	63.48	68.20	4.72	PK
11490	68.63	-5.43	H	63.20	73.98	10.78	PK
11490	54.06	-5.43	H	48.63	53.98	5.35	AV
17235	64.48	-1.30	H	63.18	68.20	5.02	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
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	68.88	-5.41	V	63.47	73.98	10.51	PK
11570	53.91	-5.41	V	48.50	53.98	5.48	AV
17355	63.67	-0.40	V	63.27	68.20	4.93	PK
11570	68.54	-5.41	H	63.13	73.98	10.85	PK
11570	53.79	-5.41	H	48.38	53.98	5.60	AV
17355	63.35	-0.40	H	62.95	68.20	5.25	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
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	65.72	-5.43	V	60.29	73.98	13.69	PK
11650	51.53	-5.43	V	46.10	53.98	7.88	AV
17475	62.68	-0.28	V	62.40	68.20	5.80	PK
11650	65.30	-5.43	H	59.87	73.98	14.11	PK
11650	51.23	-5.43	H	45.80	53.98	8.18	AV
17475	62.24	-0.28	H	61.96	68.20	6.24	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 MCS Index:	0
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	68.58	-5.43	V	63.15	73.98	10.83	PK
11490	53.55	-5.43	V	48.12	53.98	5.86	AV
17235	64.84	-1.30	V	63.54	68.20	4.66	PK
11490	68.10	-5.43	H	62.67	73.98	11.31	PK
11490	53.27	-5.43	H	47.84	53.98	6.14	AV
17235	64.53	-1.30	H	63.23	68.20	4.97	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 MCS0 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 MCS Index:	0
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	68.50	-5.41	V	63.09	73.98	10.89	PK
11570	53.31	-5.41	V	47.90	53.98	6.08	AV
17355	63.56	-0.40	V	63.16	68.20	5.04	PK
11570	68.16	-5.41	H	62.75	73.98	11.23	PK
11570	53.14	-5.41	H	47.73	53.98	6.25	AV
17355	63.22	-0.40	H	62.82	68.20	5.38	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 802.11n_20 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	64.72	-5.43	V	59.29	73.98	14.69	PK
11650	51.12	-5.43	V	45.69	53.98	8.29	AV
17475	62.22	-0.28	V	61.94	68.20	6.26	PK
11650	64.36	-5.43	H	58.93	73.98	15.05	PK
11650	50.88	-5.43	H	45.45	53.98	8.53	AV
17475	61.81	-0.28	H	61.53	68.20	6.67	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 802.11n_20 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	69.69	-5.43	V	64.26	73.98	9.72	PK
11490	53.85	-5.43	V	48.42	53.98	5.56	AV
17235	64.83	-1.30	V	63.53	68.20	4.67	PK
11490	69.28	-5.43	H	63.85	73.98	10.13	PK
11490	53.61	-5.43	H	48.18	53.98	5.80	AV
17235	64.60	-1.30	H	63.30	68.20	4.90	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 802.11ac_20 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	68.37	-5.41	V	62.96	73.98	11.02	PK
11570	53.33	-5.41	V	47.92	53.98	6.06	AV
17355	63.25	-0.40	V	62.85	68.20	5.35	PK
11570	68.13	-5.41	H	62.72	73.98	11.26	PK
11570	52.94	-5.41	H	47.53	53.98	6.45	AV
17355	63.02	-0.40	H	62.62	68.20	5.58	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 802.11ac_20 MHz BW. Worst case is MCS0 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 MCS Index:	0
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	65.42	-5.43	V	59.99	73.98	13.99	PK
11650	51.09	-5.43	V	45.66	53.98	8.32	AV
17475	62.96	-0.28	V	62.68	68.20	5.52	PK
11650	65.10	-5.43	H	59.67	73.98	14.31	PK
11650	50.88	-5.43	H	45.45	53.98	8.53	AV
17475	61.95	-0.28	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 MCS0 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 MCS Index:	0
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	65.59	-5.23	V	60.36	73.98	13.62	PK
11510	51.66	-5.23	V	46.43	53.98	7.55	AV
17265	62.63	-1.12	V	61.51	68.20	6.69	PK
11510	65.14	-5.23	H	59.91	73.98	14.07	PK
11510	51.35	-5.23	H	46.12	53.98	7.86	AV
17265	62.35	-1.12	H	61.23	68.20	6.97	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 MCS0 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 MCS Index:	0
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	62.65	-5.35	V	57.30	73.98	16.68	PK
11590	49.94	-5.35	V	44.59	53.98	9.39	AV
17385	62.56	-0.10	V	62.46	68.20	5.74	PK
11590	62.33	-5.35	H	56.98	73.98	17.00	PK
11590	49.69	-5.35	H	44.34	53.98	9.64	AV
17385	62.38	-0.10	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 MCS0 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 MCS Index:	0
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	65.29	-5.23	V	60.06	73.98	13.92	PK
11510	51.75	-5.23	V	46.52	53.98	7.46	AV
17265	62.55	-1.12	V	61.43	68.20	6.77	PK
11510	64.82	-5.23	H	59.59	73.98	14.39	PK
11510	51.60	-5.23	H	46.37	53.98	7.61	AV
17265	61.93	-1.12	H	60.81	68.20	7.39	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 MCS0 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 MCS Index:	0
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	62.95	-5.35	V	57.60	73.98	16.38	PK
11590	49.94	-5.35	V	44.59	53.98	9.39	AV
17385	62.76	-0.10	V	62.66	68.20	5.54	PK
11590	62.60	-5.35	H	57.25	73.98	16.73	PK
11590	49.75	-5.35	H	44.40	53.98	9.58	AV
17385	62.40	-0.10	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 802.11ac_40 MHz BW. Worst case is MCS0 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 MCS Index:	0
Operating Frequency	5775 MHz
Channel No.	155 Ch

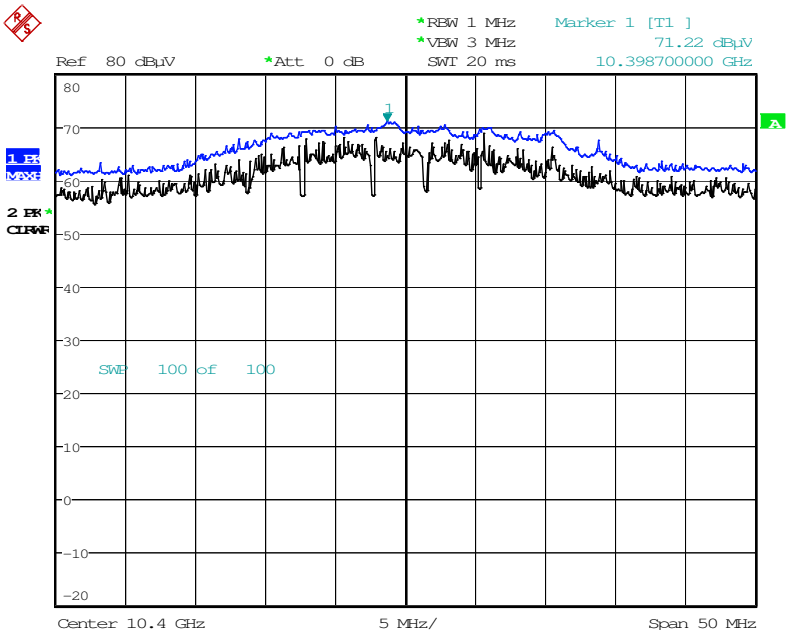
Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11550	63.16	-5.40	V	57.76	73.98	16.22	PK
11550	51.11	-5.40	V	45.71	53.98	8.27	AV
17325	62.21	-0.94	V	61.27	68.20	6.93	PK
11550	63.14	-5.40	H	57.74	73.98	16.24	PK
11550	51.06	-5.40	H	45.66	53.98	8.32	AV
17325	61.94	-0.94	H	61.00	68.20	7.20	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 MCS0 in 802.11ac_80 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

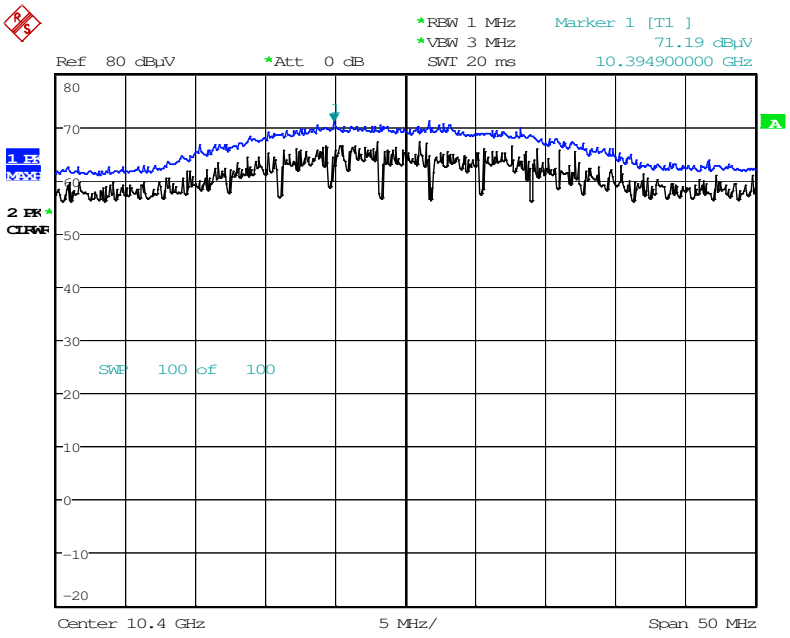
▣ RESULT PLOTS

Radiated Spurious Emissions plot –Peak Reading (802.11a, Ch.40 2nd Harmonic, x-V)



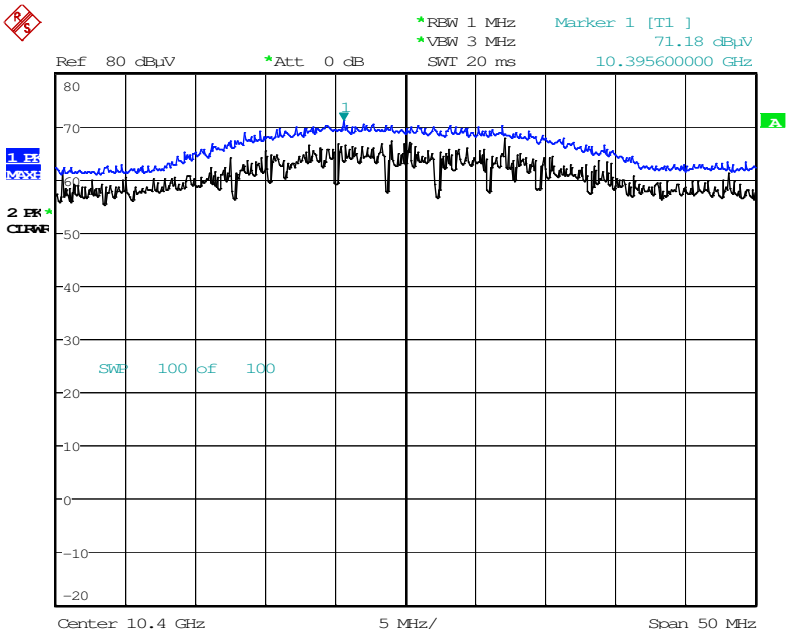
Date: 7.MAR.2016 14:43:52

Radiated Spurious Emissions plot – Peak Reading(802.11n_20M, Ch.40 2nd Harmonic, x-V)



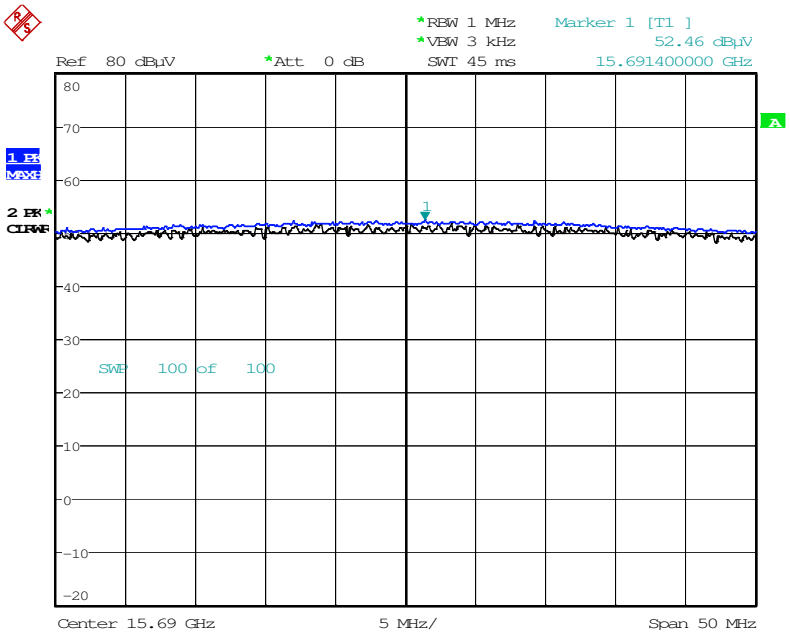
Date: 7.MAR.2016 14:51:44

Radiated Spurious Emissions plot –Peak Reading (802.11ac_20M, Ch.40 2nd Harmonic, x-V)



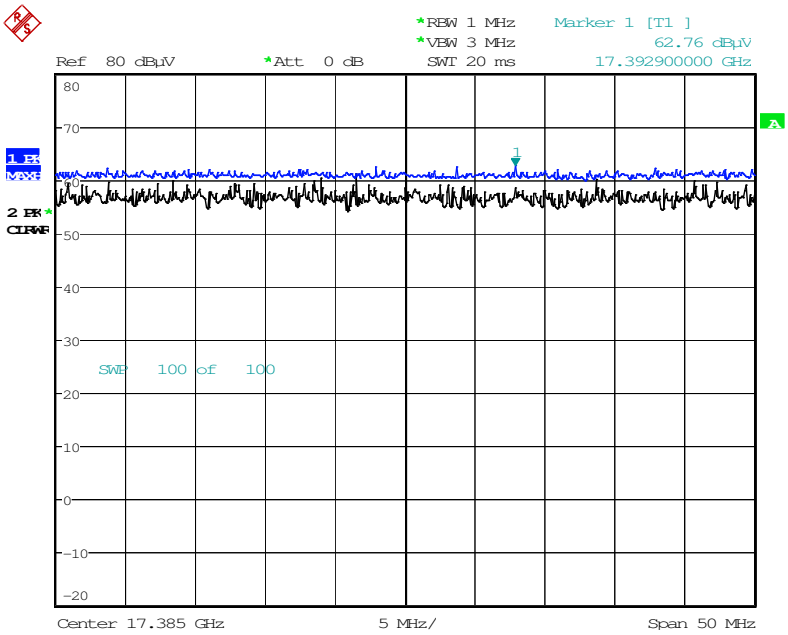
Date: 7.MAR.2016 15:02:40

Radiated Spurious Emissions plot – Average Reading (802.11ac_40M, Ch.46 3rd Harmonic, y-V)



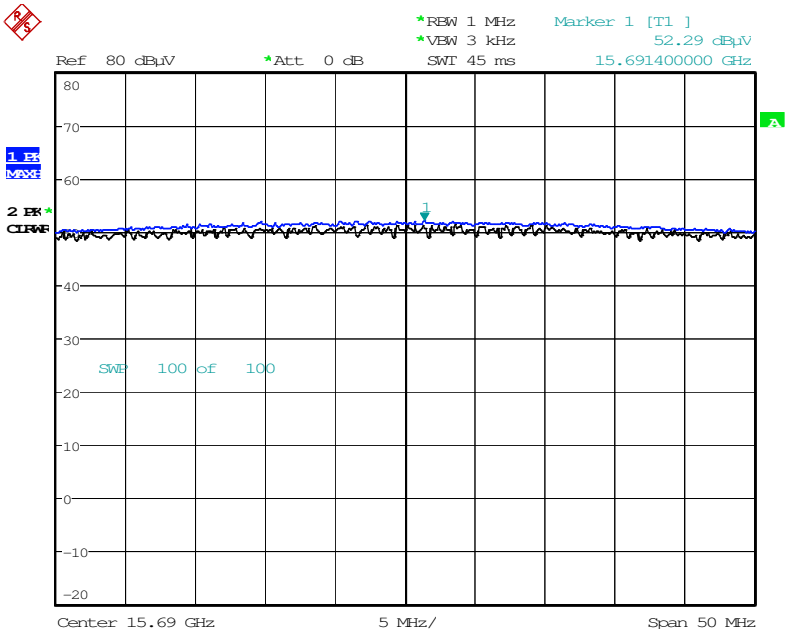
Date: 7.MAR.2016 19:08:46

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



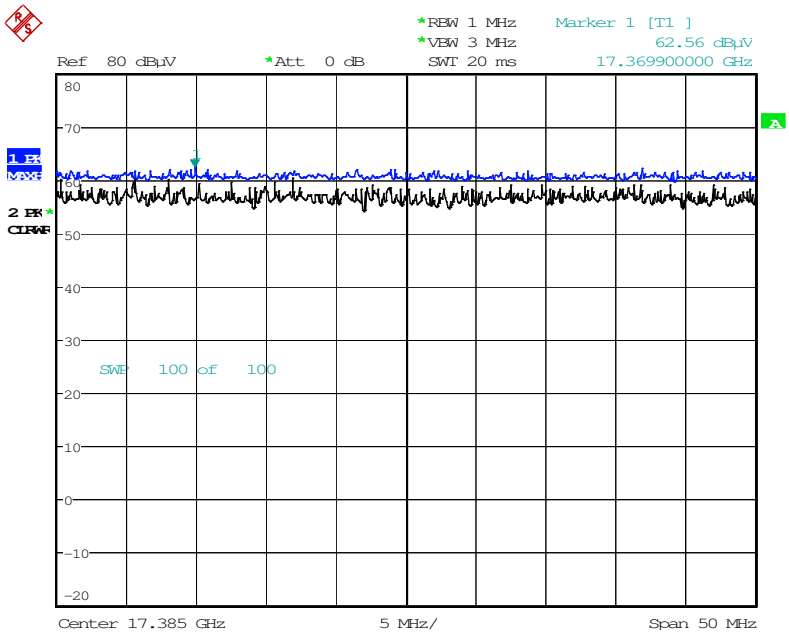
Date: 7.MAR.2016 20:21:34

Radiated Spurious Emissions plot – Average Reading (802.11n_40M, Ch.46 3rd Harmonic, y-V)



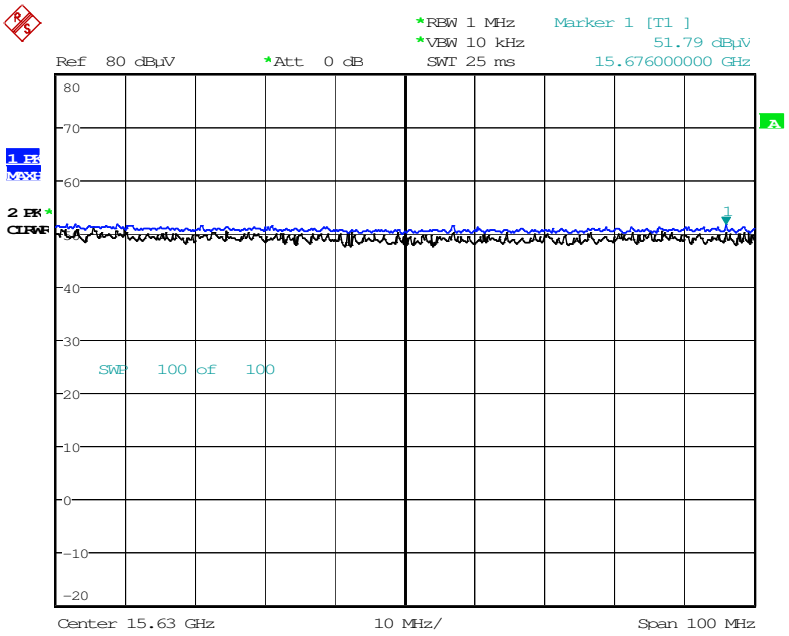
Date: 7.MAR.2016 19:07:51

Radiated Spurious Emissions plot –Peak Reading (802.11n_40M, Ch.159 3rd Harmonic, y-V)



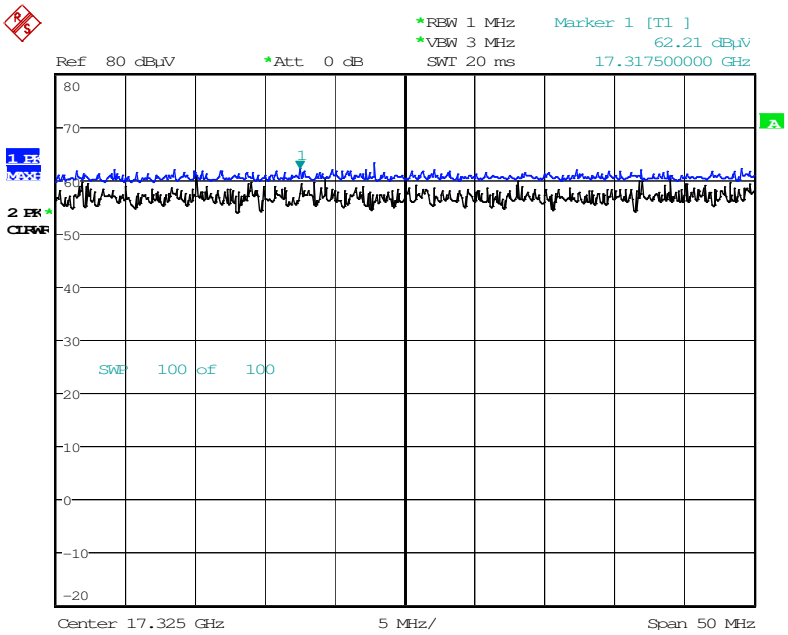
Date: 7.MAR.2016 20:19:32

Radiated Spurious Emissions plot – Average Reading (802.11ac_80M, Ch.42 3rd Harmonic, y-V)



Date: 7.MAR.2016 19:12:31

Radiated Spurious Emissions plot –Peak Reading (802.11ac_80M, Ch.155 3rd Harmonic, y-V)



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

9.6.2 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)).

Band :	UNII 1
Operation Mode:	802.11 a
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	61.56	8.18	H	69.74	73.98	4.24	PK
5150	40.56	8.18	H	48.74	53.98	5.24	AV
5150	61.32	8.18	V	69.50	73.98	4.48	PK
5150	40.13	8.18	V	48.31	53.98	5.67	AV

Band :	UNII 1
Operation Mode:	802.11 n_20 MHz BW
Transfer MCS Index:	0
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	63.78	8.18	H	71.96	73.98	2.02	PK
5150	40.41	8.18	H	48.59	53.98	5.39	AV
5150	62.91	8.18	V	71.09	73.98	2.89	PK
5150	40.13	8.18	V	48.31	53.98	5.67	AV

Band :	UNII 1
Operation Mode:	802.11 ac_20Mz BW
Transfer MCS Index:	0
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	63.45	8.18	H	71.63	73.98	2.35	PK
5150	40.63	8.18	H	48.81	53.98	5.17	AV
5150	63.08	8.18	V	71.26	73.98	2.72	PK
5150	40.31	8.18	V	48.49	53.98	5.49	AV

Band :	UNII 1
Operation Mode:	802.11 n_40 MHz BW
Transfer MCS Index:	0
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	56.94	8.18	H	65.12	73.98	8.86	PK
5150	39.48	8.18	H	47.66	53.98	6.32	AV
5150	56.38	8.18	V	64.56	73.98	9.42	PK
5150	39.11	8.18	V	47.29	53.98	6.69	AV

Band :	UNII 1
Operation Mode:	802.11 ac_40 MHz BW
Transfer MCS Index:	0
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	56.43	8.18	H	64.61	73.98	9.37	PK
5150	39.70	8.18	H	47.88	53.98	6.10	AV
5150	56.10	8.18	V	64.28	73.98	9.70	PK
5150	39.44	8.18	V	47.62	53.98	6.36	AV

Band :	UNII 1
Operation Mode:	802.11 ac_80 MHz BW
Transfer MCS Index:	0
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	55.08	8.18	H	63.26	73.98	10.72	PK
5150	41.47	8.18	H	49.65	53.98	4.33	AV
5150	54.69	8.18	V	62.87	73.98	11.11	PK
5150	41.08	8.18	V	49.26	53.98	4.72	AV

Band :	UNII 2A
Operation Mode:	802.11 a
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	60.43	8.95	H	69.38	73.98	4.60	PK
5350	41.17	8.95	H	50.12	53.98	3.86	AV
5350	60.20	8.95	V	69.15	73.98	4.83	PK
5350	41.04	8.95	V	49.99	53.98	3.99	AV

Band :	UNII 2A
Operation Mode:	802.11 n_20 MHz BW
Transfer MCS Index:	0
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	62.81	8.95	H	71.76	73.98	2.22	PK
5350	42.18	8.95	H	51.13	53.98	2.85	AV
5350	62.43	8.95	V	71.38	73.98	2.60	PK
5350	42.03	8.95	V	50.98	53.98	3.00	AV

Band :	UNII 2A
Operation Mode:	802.11 ac_20Mz BW
Transfer MCS Index:	0
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	62.47	8.95	H	71.42	73.98	2.56	PK
5350	41.50	8.95	H	50.45	53.98	3.53	AV
5350	62.17	8.95	V	71.12	73.98	2.86	PK
5350	41.25	8.95	V	50.20	53.98	3.78	AV

Band :	UNII 2A
Operation Mode:	802.11 n_40 MHz BW
Transfer MCS Index:	0
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	56.72	8.95	H	65.67	73.98	8.31	PK
5350	38.19	8.95	H	47.14	53.98	6.84	AV
5350	56.35	8.95	V	65.30	73.98	8.68	PK
5350	38.03	8.95	V	46.98	53.98	7.00	AV

Band :	UNII 2A
Operation Mode:	802.11 ac_40 MHz BW
Transfer MCS Index:	0
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	55.72	8.95	H	64.67	73.98	9.31	PK
5350	38.14	8.95	H	47.09	53.98	6.89	AV
5350	55.38	8.95	V	64.33	73.98	9.65	PK
5350	38.02	8.95	V	46.97	53.98	7.01	AV

Band :	UNII 2A
Operation Mode:	802.11 ac_80 MHz BW
Transfer MCS Index:	0
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	54.99	8.95	H	63.94	73.98	10.04	PK
5350	39.09	8.95	H	48.04	53.98	5.94	AV
5350	54.37	8.95	V	63.32	73.98	10.66	PK
5350	38.86	8.95	V	47.81	53.98	6.17	AV

Band :	UNII 2C
Operation Mode:	802.11 a
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	51.16	9.62	H	60.78	73.98	13.20	PK
5460	36.41	9.62	H	46.03	53.98	7.95	AV
*#5470	57.55	9.52	H	67.07	73.98	6.91	PK
*#5470	37.18	9.52	H	46.70	53.98	7.28	AV
5460	51.24	9.62	V	60.86	73.98	13.12	PK
5460	36.43	9.62	V	46.05	53.98	7.93	AV
*#5470	57.62	9.52	V	67.14	73.98	6.84	PK
*#5470	37.30	9.52	V	46.82	53.98	7.16	AV

Band :	UNII 2C
Operation Mode:	802.11 n_20MHz BW
Transfer MCS Index:	0
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	54.38	9.62	H	64.00	73.98	9.98	PK
5460	36.32	9.62	H	45.94	53.98	8.04	AV
*#5470	61.04	9.52	H	70.56	73.98	3.42	PK
*#5470	37.48	9.52	H	47.00	53.98	6.98	AV
5460	54.55	9.62	V	64.17	73.98	9.81	PK
5460	36.37	9.62	V	45.99	53.98	7.99	AV
*#5470	61.39	9.52	V	70.91	73.98	3.07	PK
*#5470	37.71	9.52	V	47.23	53.98	6.75	AV

Band :	UNII 2C
Operation Mode:	802.11 ac_20 MHz BW
Transfer MCS Index:	0
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	53.46	9.62	H	63.08	73.98	10.90	PK
5460	36.39	9.62	H	46.01	53.98	7.97	AV
*#5470	60.89	9.52	H	70.41	73.98	3.57	PK
*#5470	37.07	9.52	H	46.59	53.98	7.39	AV
5460	53.90	9.62	V	63.52	73.98	10.46	PK
5460	36.42	9.62	V	46.04	53.98	7.94	AV
*#5470	61.23	9.52	V	70.75	73.98	3.23	PK
*#5470	37.27	9.52	V	46.79	53.98	7.19	AV

Band :	UNII 2C
Operation Mode:	802.11 n_40 MHz BW
Transfer MCS Index:	0
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	49.55	9.62	H	59.17	73.98	14.81	PK
5460	36.43	9.62	H	46.05	53.98	7.93	AV
*5470	50.40	9.52	H	59.92	68.20	8.28	PK
5460	49.67	9.62	V	59.29	73.98	14.69	PK
5460	36.49	9.62	V	46.11	53.98	7.87	AV
*5470	50.52	9.52	V	60.04	68.20	8.16	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_40 MHz BW
Transfer MCS Index:	0
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	49.28	9.62	H	58.90	73.98	15.08	PK
5460	35.84	9.62	H	45.46	53.98	8.52	AV
*5470	51.16	9.52	H	60.68	68.20	7.52	PK
5460	49.64	9.62	V	59.26	73.98	14.72	PK
5460	36.00	9.62	V	45.62	53.98	8.36	AV
*5470	51.33	9.52	V	60.85	68.20	7.35	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_80 MHz BW
Transfer MCS Index:	0
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	48.99	9.62	H	58.61	73.98	15.37	PK
5460	37.46	9.62	H	47.08	53.98	6.90	AV
*5470	49.16	9.52	H	58.68	68.20	9.52	PK
5460	49.41	9.62	V	59.03	73.98	14.95	PK
5460	37.83	9.62	V	47.45	53.98	6.53	AV
*5470	49.68	9.52	V	59.20	68.20	9.00	PK

Band :	UNII 3
Operation Mode:	802.11 a
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	51.96	11.47	H	63.43	78.20	14.77	PK
*5850	51.24	11.47	V	62.71	78.20	15.49	PK
*5860	48.54	11.47	H	60.01	68.20	8.19	PK
*5860	48.46	11.47	V	59.93	68.20	8.27	PK

Band :	UNII 3
Operation Mode:	802.11 n_20MHz BW
Transfer MCS Index:	0
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	53.11	11.47	H	64.58	78.20	13.62	PK
*5850	52.87	11.47	V	64.34	78.20	13.86	PK
*5860	49.01	11.47	H	60.48	68.20	7.72	PK
*5860	48.76	11.47	V	60.23	68.20	7.97	PK

Band :	UNII 3
Operation Mode:	802.11 ac_20 MHz BW
Transfer MCS Index:	0
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	53.03	11.47	H	64.50	78.20	13.70	PK
*5850	52.76	11.47	V	64.23	78.20	13.97	AV
*5860	48.62	11.47	H	60.09	68.20	8.11	PK
*5860	48.51	11.47	V	59.98	68.20	8.22	AV

Band :	UNII 3
Operation Mode:	802.11 n_40 MHz BW
Transfer MCS Index:	0
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	47.98	11.47	H	59.45	78.20	18.75	PK
*5850	47.69	11.47	V	59.16	78.20	19.04	PK
*5860	47.59	11.47	H	59.06	68.20	9.14	PK
*5860	47.51	11.47	V	58.98	68.20	9.22	PK

Band :	UNII 3
Operation Mode:	802.11 ac_40 MHz BW
Transfer MCS Index:	0
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	48.42	11.47	H	59.89	78.20	18.31	PK
*5850	48.16	11.47	V	59.63	78.20	18.57	AV
*5860	47.78	11.47	H	59.25	68.20	8.95	PK
*5860	47.64	11.47	V	59.11	68.20	9.09	AV

Band :	UNII 3
Operation Mode:	802.11 ac_80 MHz BW
Transfer MCS Index:	0
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	11.47	H	59.36	78.20	18.84	PK
*5850	47.82	11.47	V	59.29	78.20	18.91	PK
*5860	47.99	11.47	H	59.46	68.20	8.74	PK
*5860	47.66	11.47	V	59.13	68.20	9.07	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)
5. The mark '#' is testedaccording to Ⅱ.G.2.c in KDB 789033 D02, issued 01/08/2016

II. MEASUREMENT PROCEDURES

G. Unwanted Emission Measurement

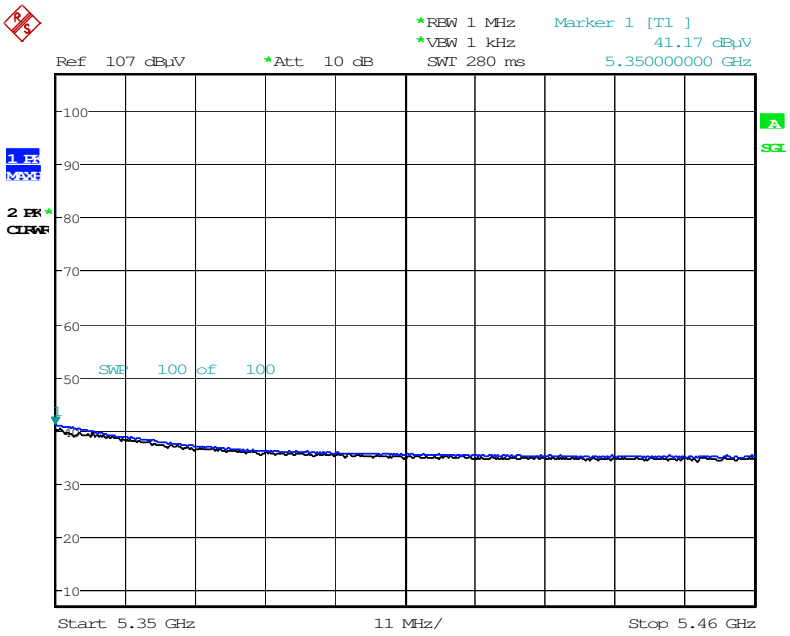
2. Unwanted Emissions that fall Outside of the Restricted Bands

c) At frequencies above 1000 MHz, use the procedure for maximum emissions described in sectionII.G.5., “Procedure for Unwanted Maximum Unwanted Emissions Measurements Above 1000 MHz”.

As specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

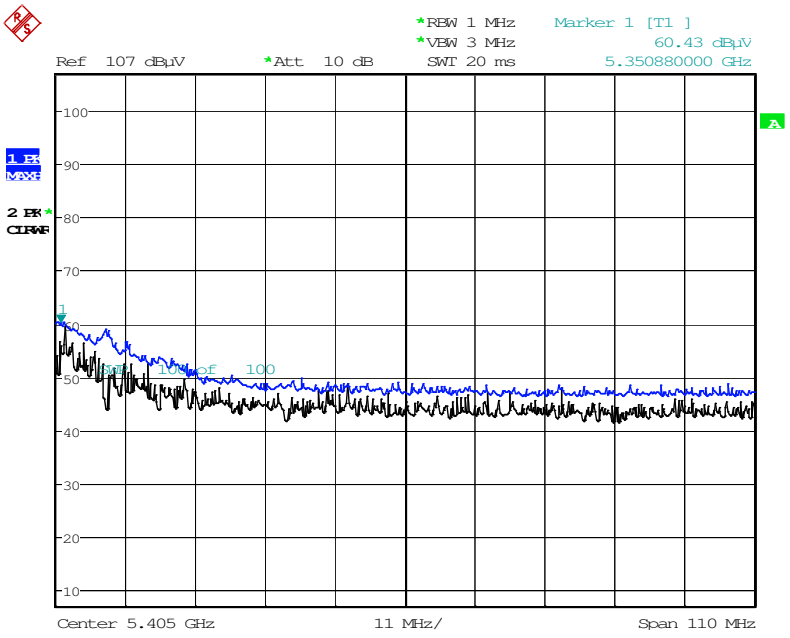
▣ RESULT PLOTS

Radiated Restricted Band Edges plot – Average Reading (802.11a, Ch.64, x-H)



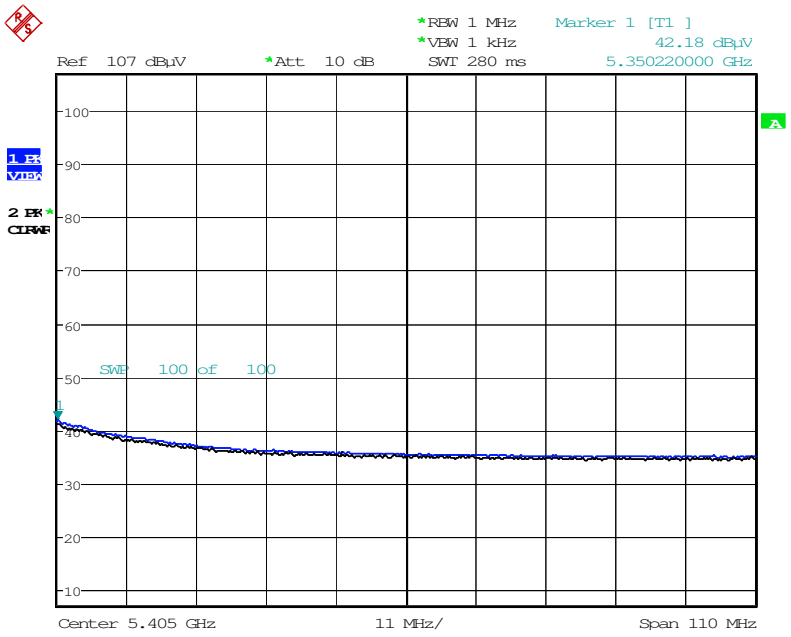
Date: 4.MAR.2016 10:34:30

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



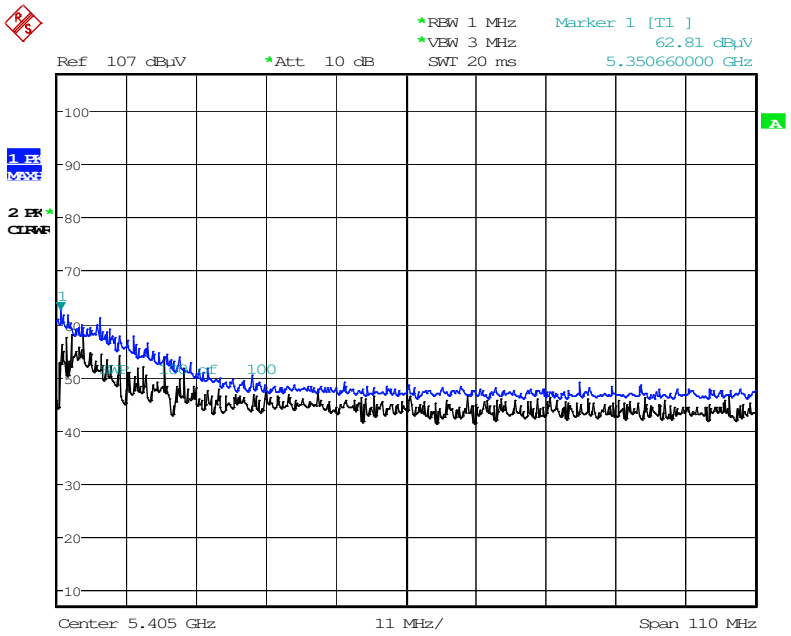
Date: 4.MAR.2016 10:36:05

Radiated Restricted Band Edges plot – Average Reading (802.11n_20M, Ch.64, x-H)



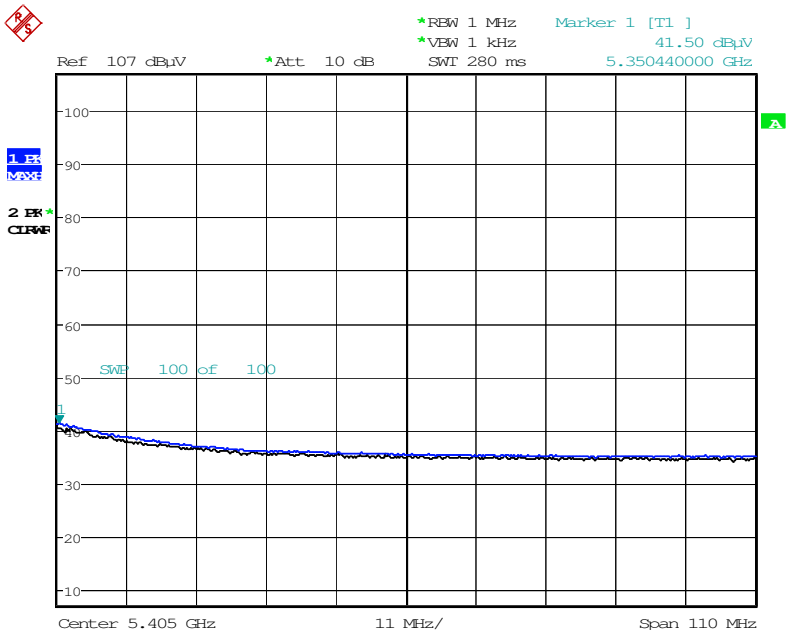
Date: 4.MAR.2016 10:40:56

Radiated Restricted Band Edges plot – Peak Reading (802.11n_20M, Ch.64, x-H)



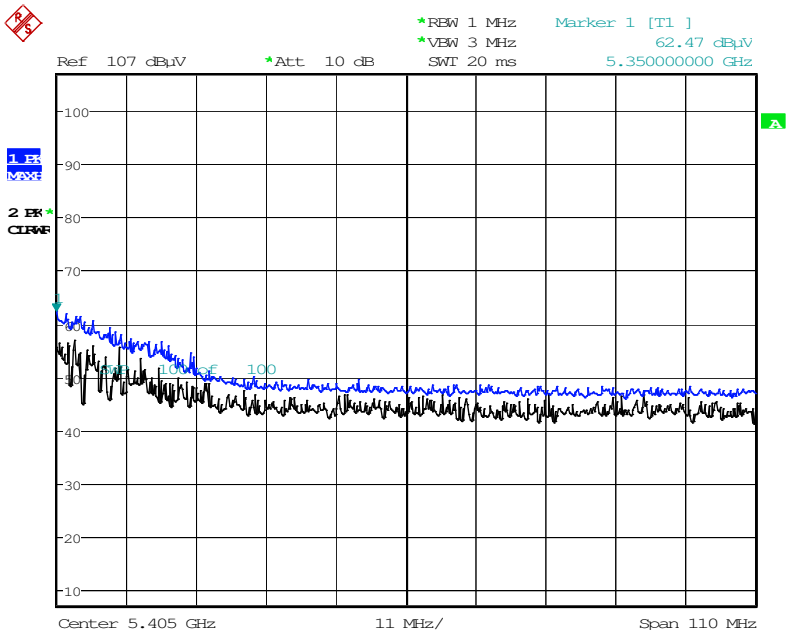
Date: 4.MAR.2016 10:52:06

Radiated Restricted Band Edges plot – Average Reading (802.11ac_20M, Ch.64, x-H)



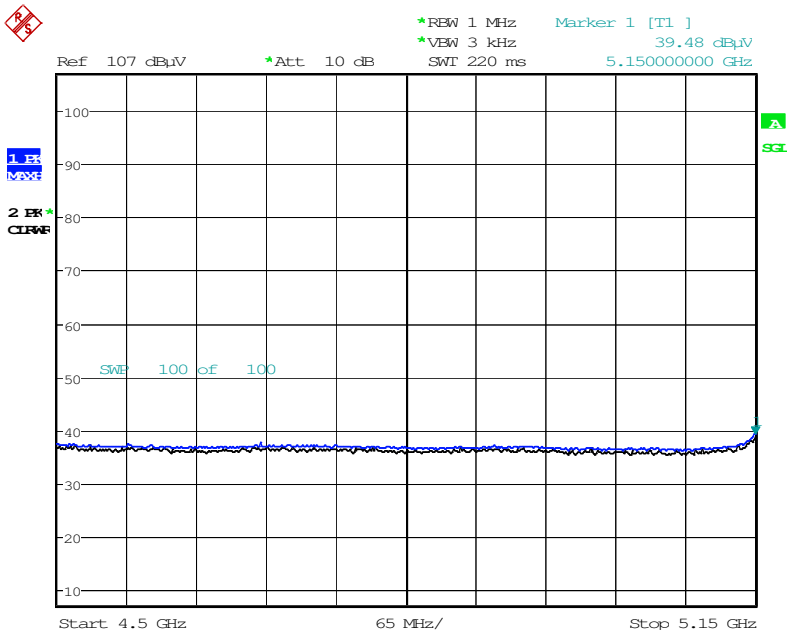
Date: 4.MAR.2016 10:58:05

Radiated Restricted Band Edges plot – Peak Reading (802.11ac_20M, Ch.64, x-H)



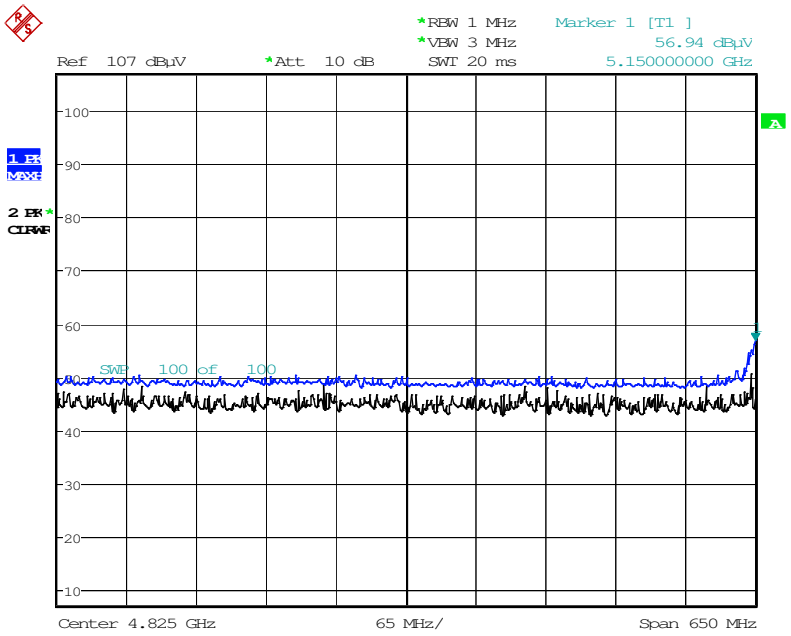
Date: 4.MAR.2016 10:56:09

Radiated Restricted Band Edges plot –Peak Reading (802.11n_40M, Ch.38, x-H)



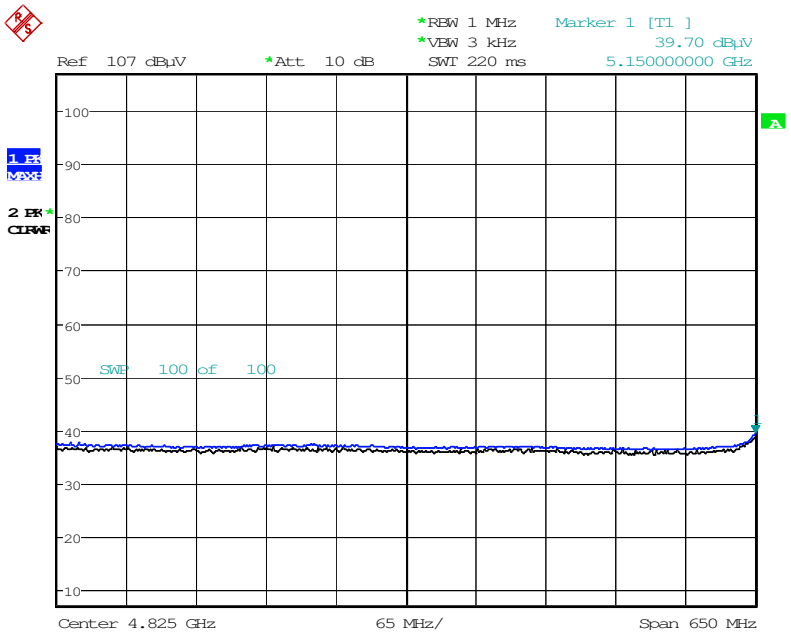
Date: 4.MAR.2016 10:15:30

Radiated Restricted Band Edges plot – Peak Reading (802.11n_40M, Ch.38, x-H)



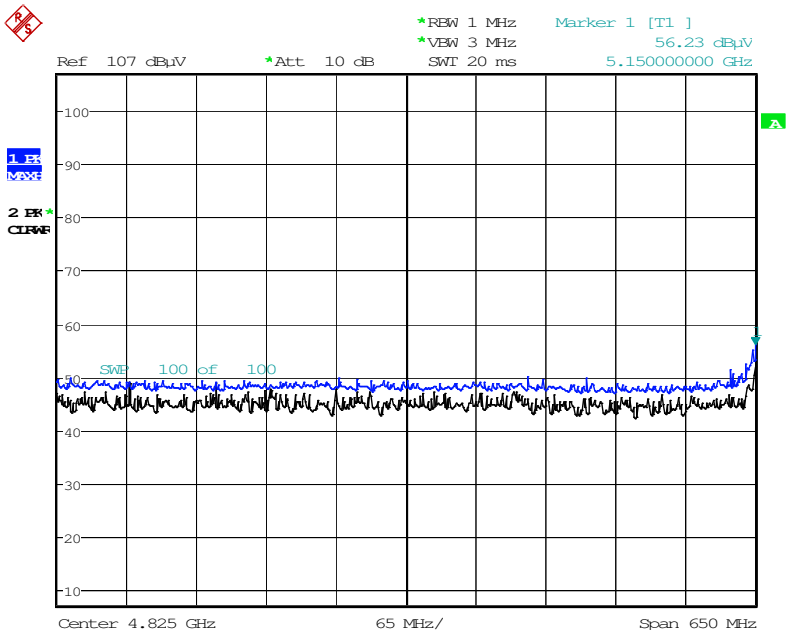
Date: 4.MAR.2016 10:19:23

Radiated Restricted Band Edges plot –Peak Reading (802.11ac_40M, Ch.38, x-H)



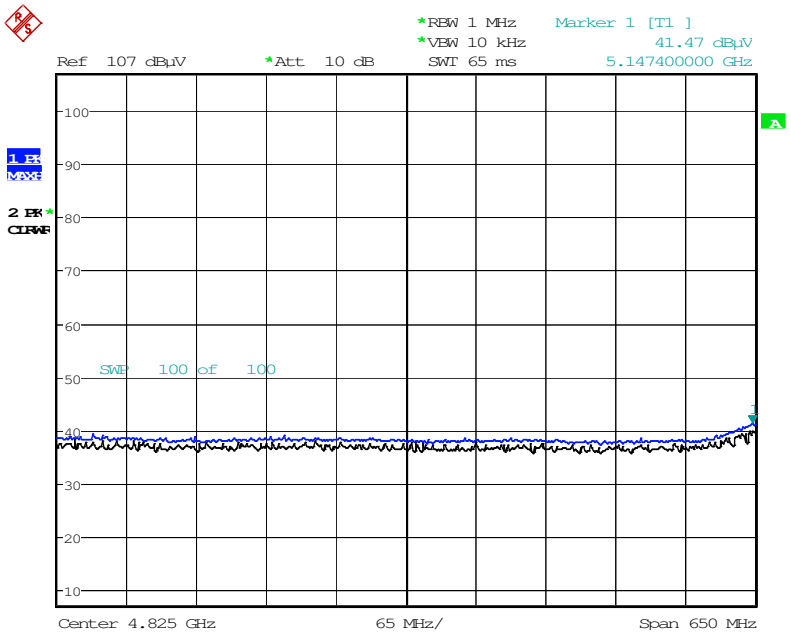
Date: 4.MAR.2016 10:22:50

Radiated Restricted Band Edges plot – Peak Reading (802.11ac_40M, Ch.38, x-H)



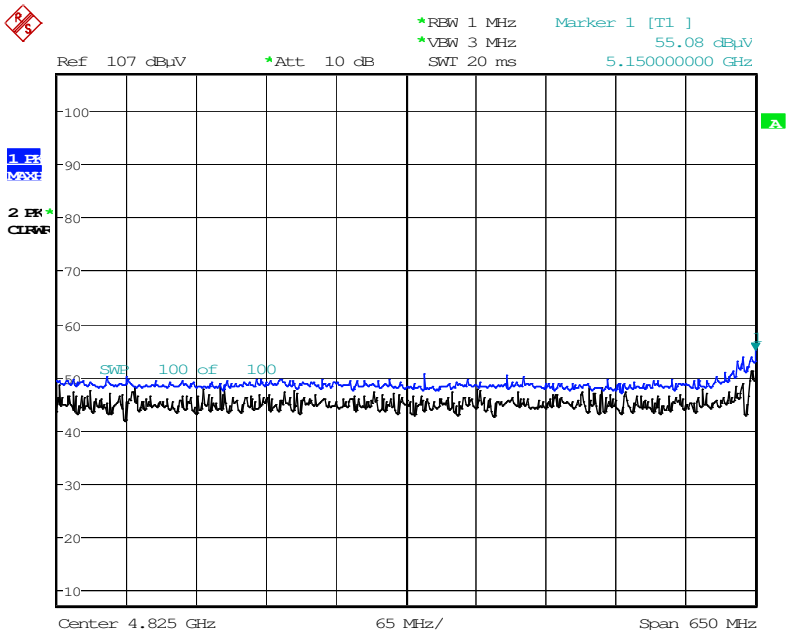
Date: 4.MAR.2016 10:21:07

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



Date: 4.MAR.2016 10:26:33

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



Date: 4.MAR.2016 10:27:28

9.7 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

Conducted Emissions (Line 1)

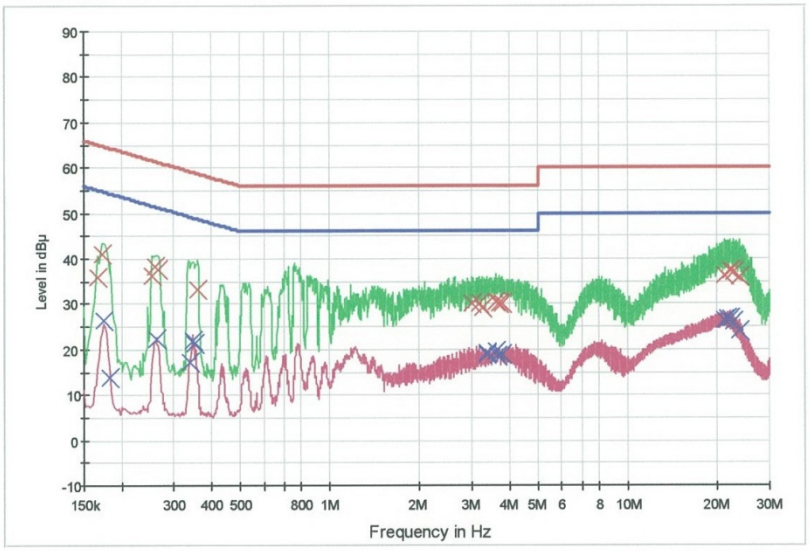
Test 1 / 2

HCT TEST Report

Common Information

EUT:	SM-J700T
Manufacturer:	SAMSUNG
Test Site:	SHIELD ROOM
Operating Conditions:	WLAN MODE _ 5G
Operator Name	SK LEE

FCC CLASS B



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.166000	35.8	9.000	Off	N	9.6	29.4	65.2
0.172000	41.2	9.000	Off	N	9.6	23.7	64.9
0.254000	36.1	9.000	Off	N	9.6	25.5	61.6
0.260000	38.2	9.000	Off	N	9.6	23.2	61.4
0.266000	37.5	9.000	Off	N	9.6	23.7	61.2
0.362000	33.1	9.000	Off	N	9.6	25.5	58.7
3.004000	30.2	9.000	Off	N	9.8	25.8	56.0
3.162000	30.0	9.000	Off	N	9.8	26.0	56.0
3.244000	29.2	9.000	Off	N	9.8	26.8	56.0
3.612000	30.6	9.000	Off	N	9.8	25.4	56.0
3.704000	30.0	9.000	Off	N	9.8	26.0	56.0
3.792000	30.0	9.000	Off	N	9.8	26.0	56.0
21.114000	36.3	9.000	Off	N	10.3	23.7	60.0
22.012000	37.3	9.000	Off	N	10.3	22.7	60.0
22.184000	37.3	9.000	Off	N	10.3	22.7	60.0
22.526000	37.1	9.000	Off	N	10.3	22.9	60.0
23.720000	36.1	9.000	Off	N	10.4	23.9	60.0
23.742000	36.0	9.000	Off	N	10.4	24.0	60.0

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Test 2 / 2

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.174000	26.3	9.000	Off	N	9.6	28.5	54.8
0.184000	13.7	9.000	Off	N	9.6	40.6	54.3
0.262000	22.3	9.000	Off	N	9.6	29.1	51.4
0.340000	17.3	9.000	Off	N	9.6	31.9	49.2
0.348000	21.9	9.000	Off	N	9.6	27.2	49.0
0.352000	21.1	9.000	Off	N	9.6	27.8	48.9
3.358000	18.9	9.000	Off	N	9.8	27.1	46.0
3.362000	19.2	9.000	Off	N	9.8	26.8	46.0
3.610000	19.7	9.000	Off	N	9.8	26.3	46.0
3.640000	18.7	9.000	Off	N	9.8	27.3	46.0
3.794000	19.0	9.000	Off	N	9.8	27.0	46.0
3.798000	18.8	9.000	Off	N	9.8	27.2	46.0
21.114000	26.5	9.000	Off	N	10.3	23.5	50.0
21.622000	26.6	9.000	Off	N	10.3	23.4	50.0
22.012000	26.8	9.000	Off	N	10.3	23.2	50.0
22.184000	26.8	9.000	Off	N	10.3	23.2	50.0
22.526000	26.0	9.000	Off	N	10.3	24.0	50.0
23.720000	24.0	9.000	Off	N	10.4	26.0	50.0

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Conducted Emissions (Line 2)

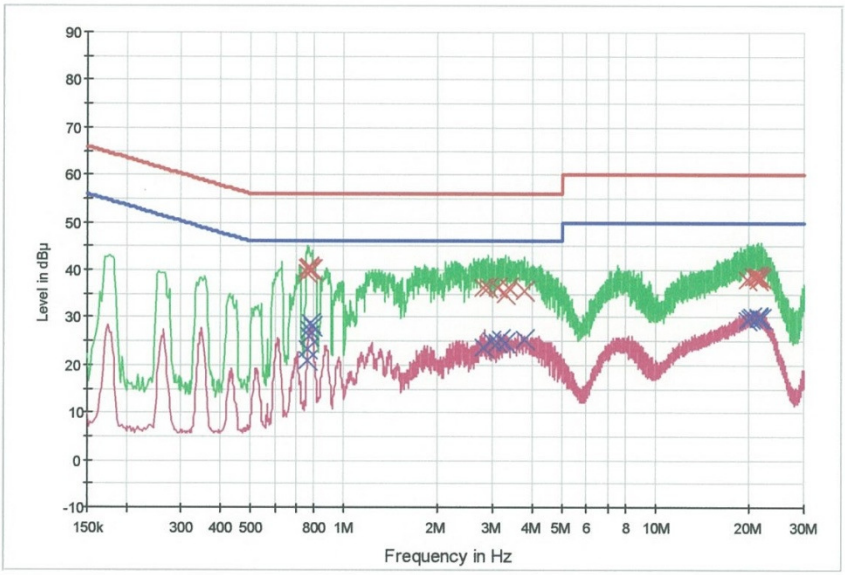
Test 1 / 2

HCT TEST Report

Common Information

EUT:	SM-J700T
Manufacturer:	SAMSUNG
Test Site:	SHIELD ROOM
Operating Conditions:	WLAN MODE _ 5G
Operator Name	SK LEE

FCC CLASS B



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.760000	40.4	9.000	Off	L1	9.7	15.6	56.0
0.764000	39.4	9.000	Off	L1	9.7	16.6	56.0
0.768000	40.5	9.000	Off	L1	9.7	15.5	56.0
0.772000	40.4	9.000	Off	L1	9.7	15.6	56.0
0.784000	40.0	9.000	Off	L1	9.7	16.0	56.0
0.788000	40.2	9.000	Off	L1	9.7	15.8	56.0
2.792000	36.3	9.000	Off	L1	9.8	19.7	56.0
2.882000	36.2	9.000	Off	L1	9.8	19.8	56.0
3.088000	36.1	9.000	Off	L1	9.8	19.9	56.0
3.276000	34.9	9.000	Off	L1	9.8	21.1	56.0
3.360000	36.1	9.000	Off	L1	9.8	19.9	56.0
3.782000	35.7	9.000	Off	L1	9.8	20.3	56.0
19.774000	37.9	9.000	Off	L1	10.2	22.1	60.0
20.622000	38.5	9.000	Off	L1	10.3	21.5	60.0
21.240000	38.6	9.000	Off	L1	10.3	21.4	60.0
21.402000	38.5	9.000	Off	L1	10.3	21.5	60.0
21.460000	38.1	9.000	Off	L1	10.3	21.9	60.0
21.844000	38.3	9.000	Off	L1	10.3	21.7	60.0

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Test 2 / 2

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.760000	21.1	9.000	Off	L1	9.7	24.9	46.0
0.764000	23.4	9.000	Off	L1	9.7	22.6	46.0
0.768000	26.2	9.000	Off	L1	9.7	19.8	46.0
0.772000	27.3	9.000	Off	L1	9.7	18.7	46.0
0.784000	28.6	9.000	Off	L1	9.7	17.4	46.0
0.788000	28.0	9.000	Off	L1	9.7	18.0	46.0
2.792000	23.7	9.000	Off	L1	9.8	22.3	46.0
2.976000	25.0	9.000	Off	L1	9.8	21.0	46.0
3.088000	24.8	9.000	Off	L1	9.8	21.2	46.0
3.184000	25.5	9.000	Off	L1	9.8	20.5	46.0
3.276000	24.9	9.000	Off	L1	9.8	21.1	46.0
3.782000	25.3	9.000	Off	L1	9.8	20.7	46.0
19.774000	29.5	9.000	Off	L1	10.2	20.5	50.0
20.088000	29.9	9.000	Off	L1	10.3	20.1	50.0
20.380000	30.0	9.000	Off	L1	10.3	20.0	50.0
21.460000	30.0	9.000	Off	L1	10.3	20.0	50.0
21.466000	29.9	9.000	Off	L1	10.3	20.1	50.0
21.798000	29.8	9.000	Off	L1	10.3	20.2	50.0

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10. LIST OF TEST EQUIPMENT

10.1 LIST OF TEST EQUIPMENT(Conducted Test)

Manufacturer	Model / Equipment	Calibration Date	Calibration Interval	Serial No.
Rohde & Schwarz	ENV216/ LISN	12/28/2015	Annual	100073
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	11/30/2015	Annual	3116A03621
Hewlett Packard	11667B / Power Splitter	06/15/2015	Annual	5001
Hewlett Packard	E3632A / DC Power Supply	03/09/2016	Annual	KR75303962
Agilent	8493C / Attenuator(10 dB)	07/23/2015	Annual	07560
ESPAC.	SH-642 / Temp & Humidity Chamber	07/23/2015	Annual	93000717

10.2 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
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	01/15/2016	Annual	839117/011
Wainwright Instrument	WHF3.0/18G-10EF / High Pass Filter	06/29/2015	Annual	8
Wainwright Instrument	WHKX8-6090-7000-18000-40SS / High Pass Filter	08/05/2015	Annual	5
Wainwright Instrument	WRCJV5100/5850-40/50-8EEK / Band Reject Filter	01/16/2016	Annual	2
Wainwright Instrument	WRCJ2400/2483.5-2370/2520-60/14SS / Band Reject Filter	06/15/2015	Annual	1
Rohde & Schwarz	LOOP ANTENNA	02/04/2016	Biennial	100179
CERNEX	CBL26405040 / POWER AMP	07/21/2015	Annual	19660
CERNEX	CBLU1183540 / POWER AMP	07/21/2015	Annual	22964
CERNEX	CBL18265035 / POWER AMP	07/27/2015	Annual	22966
CERNEX	CBL06185030 / POWER AMP	07/21/2015	Annual	22965