OPERATING BAND: UNII Band 2C
OPERATING FREQUENCY: 5,530,000,000 Hz
CHANNEL: 106
REFERENCE VOLTAGE: 7.70 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	7.7	+20(Ref)	5530067.42	67.42
100%		-30	5530017.90	17.90
100%		-20	5530037.16	37.16
100%		-10	5530026.28	26.28
100%		0	5530030.15	30.15
100%		+10	5530023.36	23.36
100%		+30	5530054.72	54.72
100%		+40	5530017.75	17.75
100%		+50	5530035.37	35.37
End.Point	7.3	+20	5530035.92	35.92

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3
OPERATING FREQUENCY: 5,775,000,000 Hz
CHANNEL: 155
REFERENCE VOLTAGE: 7.70 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	7.7	+20(Ref)	5775038.51	38.51
100%		-30	5775045.19	45.19
100%		-20	5775040.34	40.34
100%		-10	5775021.47	21.47
100%		0	5775024.95	24.95
100%		+10	5775091.66	91.66
100%		+30	5775003.91	3.91
100%		+40	5775013.11	13.11
100%		+50	5775067.37	67.37
End.Point	7.3	+20	5775096.61	96.61

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

5 minutes after the EUT is energized

OPERATING BAND: UNII Band 1
OPERATING FREQUENCY: 5,210,000,000 Hz
CHANNEL: 42
REFERENCE VOLTAGE: 7.70 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	7.7	+20(Ref)	5210020.04	20.04
100%		-30	5210052.87	52.87
100%		-20	5210026.88	26.88
100%		-10	5210096.60	96.60
100%		0	5210053.74	53.74
100%		+10	5210010.57	10.57
100%		+30	5210076.98	76.98
100%		+40	5210027.25	27.25
100%		+50	5210066.45	66.45
End.Point	7.3	+20	5210066.65	66.65

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A
OPERATING FREQUENCY: 5,290,000,000 Hz
CHANNEL: 58
REFERENCE VOLTAGE: 7.70 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	7.7	+20(Ref)	5290036.48	36.48
100%		-30	5290080.80	80.80
100%		-20	5290084.07	84.07
100%		-10	5290013.47	13.47
100%		0	5290073.12	73.12
100%		+10	5290026.68	26.68
100%		+30	5290062.73	62.73
100%		+40	5290064.57	64.57
100%		+50	5290050.11	50.11
End.Point	7.3	+20	5290088.20	88.20

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C
OPERATING FREQUENCY: 5,530,000,000 Hz
CHANNEL: 106
REFERENCE VOLTAGE: 7.70 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	7.7	+20(Ref)	5530066.88	66.88
100%		-30	5530092.69	92.69
100%		-20	5530035.49	35.49
100%		-10	5530036.44	36.44
100%		0	5530088.12	88.12
100%		+10	5530066.59	66.59
100%		+30	5530097.83	97.83
100%		+40	5530098.88	98.88
100%		+50	5530021.27	21.27
End.Point	7.3	+20	5530026.20	26.2

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3
OPERATING FREQUENCY: 5,775,000,000 Hz
CHANNEL: 155
REFERENCE VOLTAGE: 7.70 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	7.7	+20(Ref)	5775066.51	66.51
100%		-30	5775095.50	95.50
100%		-20	5775072.88	72.88
100%		-10	5775001.24	1.24
100%		0	5775076.99	76.99
100%		+10	5775066.71	66.71
100%		+30	5775068.22	68.22
100%		+40	5775022.23	22.23
100%		+50	5775014.60	14.60
End.Point	7.3	+20	5775079.07	79.07

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

10 minutes after the EUT is energized

OPERATING BAND:	UNII Band 1
OPERATING FREQUENCY:	5,210,000,000 Hz
CHANNEL:	42
REFERENCE VOLTAGE:	7.70 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	7.7	+20(Ref)	5210058.40	58.40
100%		-30	5210070.29	70.29
100%		-20	5210081.05	81.05
100%		-10	5210025.10	25.10
100%		0	5210081.33	81.33
100%		+10	5210075.69	75.69
100%		+30	5210076.94	76.94
100%		+40	5210084.48	84.48
100%		+50	5210064.83	64.83
End.Point	7.3	+20	5210055.52	55.52

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2A
OPERATING FREQUENCY: 5,290,000,000 Hz
CHANNEL: 58
REFERENCE VOLTAGE: 7.70 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	7.7	+20(Ref)	5290013.19	13.19
100%		-30	5290076.68	76.68
100%		-20	5290056.77	56.77
100%		-10	5290006.97	6.97
100%		0	5290006.86	6.86
100%		+10	5290091.17	91.17
100%		+30	5290056.90	56.9
100%		+40	5290005.97	5.97
100%		+50	5290081.74	81.74
End.Point	7.3	+20	5290087.91	87.91

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 2C
OPERATING FREQUENCY: 5,530,000,000 Hz
CHANNEL: 106
REFERENCE VOLTAGE: 7.70 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	7.7	+20(Ref)	5530078.09	78.09
100%		-30	5530083.52	83.52
100%		-20	5530051.94	51.94
100%		-10	5530093.28	93.28
100%		0	5530035.54	35.54
100%		+10	5530019.47	19.47
100%		+30	5530006.23	6.23
100%		+40	5530079.04	79.04
100%		+50	5530056.19	56.19
End.Point	7.3	+20	5530060.08	60.08

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND: UNII Band 3
OPERATING FREQUENCY: 5,775,000,000 Hz
CHANNEL: 155
REFERENCE VOLTAGE: 7.70 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	7.7	+20(Ref)	5775066.57	66.57
100%		-30	5775093.22	93.22
100%		-20	5775023.29	23.29
100%		-10	5775026.03	26.03
100%		0	5775016.18	16.18
100%		+10	5775038.26	38.26
100%		+30	5775014.30	14.30
100%		+40	5775074.30	74.30
100%		+50	5775038.95	38.95
End.Point	7.3	+20	5775033.68	33.68

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

10.7 STRADDLE CHANNEL

10.7.1 26dB Bandwidth

[ANT1]

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11a	UNII 2C	5720	144	5710.56	14.44
802.11n(HT20)				5710.24	14.76
802.11ac(VHT20)				5710.08	14.92
802.11a	UNII 3	5720	144	5729.16	4.16
802.11n(HT20)				5729.92	4.92
802.11ac(VHT20)				5729.88	4.88

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11n(HT40)	UNII 2C	5710	142	5690.56	34.44
802.11ac(VHT40)				5690.64	34.36
802.11n(HT40)	UNII 3	5710	142	5729.44	4.44
802.11ac(VHT40)				5729.44	4.44

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11ac(VHT80)	UNII 2C	5690	138	5649.80	75.20
	UNII 3	5690	138	5730.80	5.80

Note:

[UNII 2C] 26dB Bandwidth = 5725MHz - Measured Frequency[MHz]

[UNII 3C] 26dB Bandwidth = Measured Frequency[MHz] -5725MHz

[ANT2]

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11a	UNII 2C	5720	144	5710.76	14.24
802.11n(HT20)				5710.16	14.84
802.11ac(VHT20)				5710.16	14.84
802.11a	UNII 3	5720	144	5729.32	4.32
802.11n(HT20)				5729.88	4.88
802.11ac(VHT20)				5729.84	4.84

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11n(HT40)	UNII 2C	5710	142	5690.56	34.44
802.11ac(VHT40)				5690.32	34.68
802.11n(HT40)	UNII 3	5710	142	5729.52	4.52
802.11ac(VHT40)				5729.44	4.44

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11ac(VHT80)	UNII 2C	5690	138	5649.80	75.20
	UNII 3	5690	138	5730.56	5.56

Note:

[UNII 2C] 26dB Bandwidth = 5725MHz **-** Measured Frequency[MHz]

[UNII 3C] 26dB Bandwidth = Measured Frequency[MHz] -5725MHz

[ANT1]

▣ Test Plots (26dB Bandwidth)

802.11a UNII Band	802.11n(HT20) UNII Band
	

802.11ac(VHT20) UNII Band


▣ Test Plots (26dB Bandwidth)

802.11n(HT40) UNII Band	802.11ac(VHT40) UNII Band
	

802.11ac(VHT80) UNII Band


[ANT2]

▣ Test Plots (26dB Bandwidth)

802.11a UNII Band	802.11n(HT20) UNII Band
	

802.11ac(VHT20) UNII Band


▣ Test Plots (26dB Bandwidth)

802.11n(HT40) UNII Band	802.11ac(VHT40) UNII Band
	

802.11ac(VHT80) UNII Band


10.7.2 6dB Bandwidth

[ANT1]

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11a	UNII 3	5720	144	5727.52	2.52	> 0.5
802.11n(HT20)				5727.52	2.52	> 0.5
802.11ac(VHT20)				5727.52	2.52	> 0.5

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11n(HT40)	UNII 3	5710	142	5727.52	2.52	> 0.5
802.11ac(VHT40)				5727.44	2.44	> 0.5

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11ac(VHT80)	UNII 3	5690	138	5727.60	2.60	> 0.5

Note:

6dB Bandwidth = Measured Frequency[MHz] – 5725MHz

[ANT2]

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11a	UNII 3	5720	144	5727.52	2.52	> 0.5
802.11n(HT20)				5727.52	2.52	> 0.5
802.11ac(VHT20)				5727.48	2.48	> 0.5

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11n(HT40)	UNII 3	5710	142	5727.48	2.48	> 0.5
802.11ac(VHT40)				5727.52	2.52	> 0.5

Mode	Band	Frequency [MHz]	Channel	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11ac(VHT80)	UNII 3	5690	138	5727.52	2.52	> 0.5

Note:

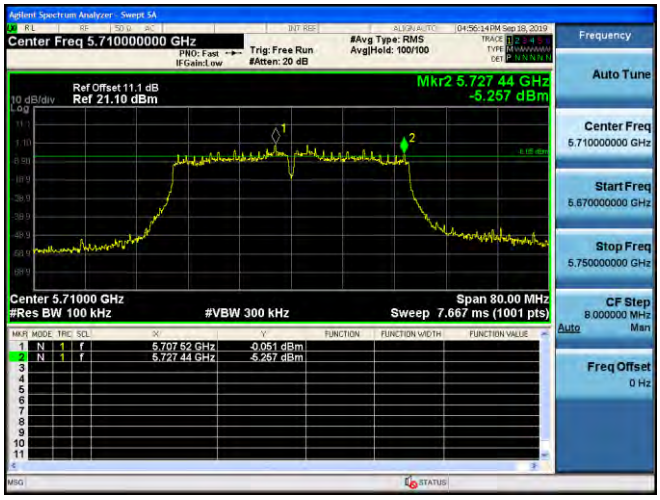
6dB Bandwidth = Measured Frequency[MHz] – 5725MHz

[ANT1]

▣ Test Plots(UNII 3 Band 6dB Bandwidth)

802.11a CH.144	802.11n_HT20 CH.144
	

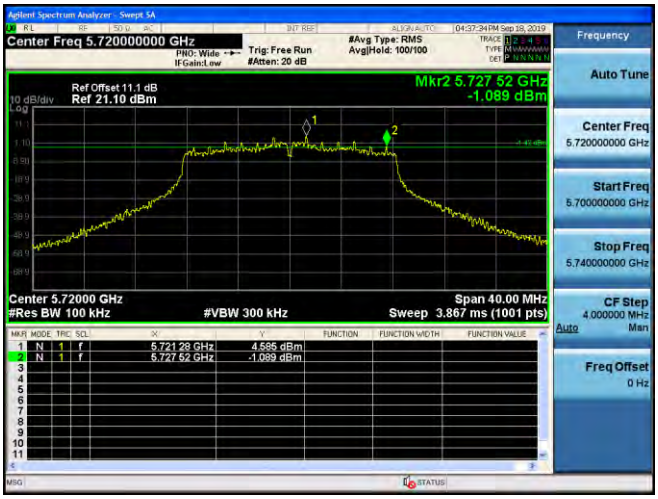
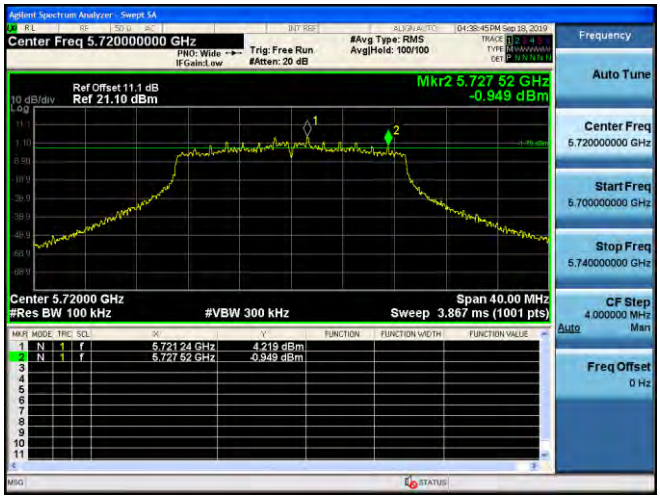
802.11ac_VHT20 CH.144


802.11n_HT40 CH.142	802.11ac_VHT40 CH.142
	

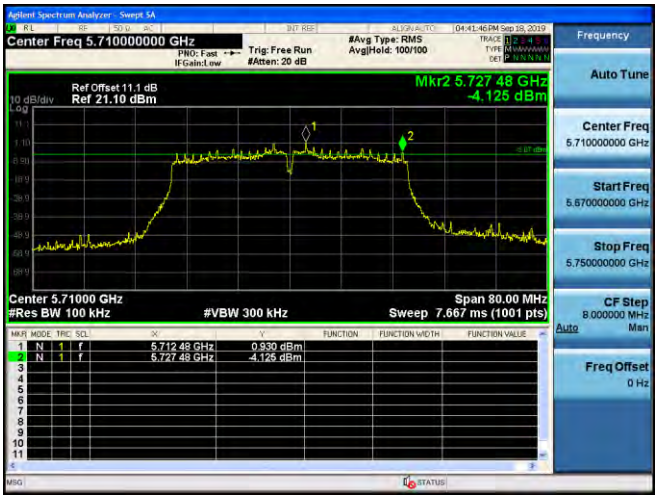
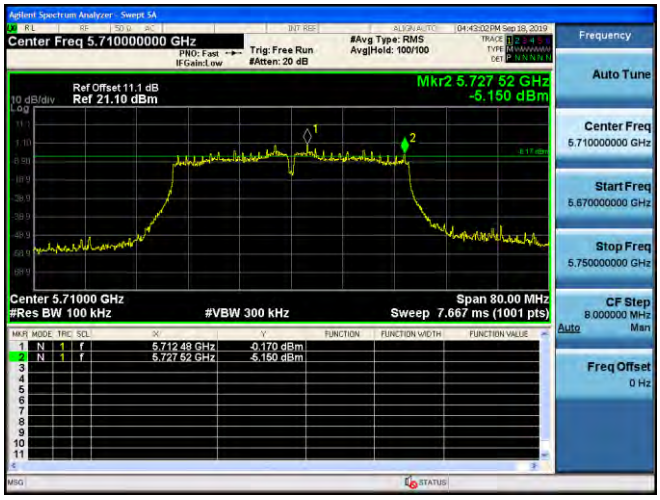
802.11ac_VHT80 CH.138


[ANT2]

▣ Test Plots(UNII 3 Band 6dB Bandwidth)

802.11a CH.144	802.11n_HT20 CH.144
	

802.11ac_VHT20 CH.144


802.11n_HT40 CH.142	802.11ac_VHT40 CH.142
	

802.11ac_VHT80 CH.138


10.7.3 Output Power

[ANT1]

Mode	Frequency [MHz]	Channel	Measured Power (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	Limit (dBm)
802.11a	5720 (UNII 2C Band)	144	12.55	0.318	12.87	22.60
802.11n(HT20)			12.28	0.326	12.61	22.69
802.11ac(VHT20)			11.12	0.322	11.44	22.74
802.11a	5720 (UNII 3 Band)	144	4.33	0.318	4.65	30.00
802.11n(HT20)			4.64	0.326	4.97	30.00
802.11ac(VHT20)			3.48	0.322	3.80	30.00

Mode	Frequency [MHz]	Channel	Measured Power (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	Limit (dBm)
802.11n(HT40)	5710 (UNII 2C Band)	142	11.34	0.589	11.93	23.98
802.11ac(VHT40)			10.30	0.587	10.89	23.98
802.11n(HT40)	5710 (UNII 3 Band)	142	-1.04	0.589	-0.45	30.00
802.11ac(VHT40)			-2.09	0.587	-1.50	30.00

Mode	Frequency [MHz]	Channel	Measured Power (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	Limit (dBm)
802.11ac(VHT80)	5690 (UNII 2C Band)	138	8.99	1.001	9.99	23.98
	5690 (UNII 3 Band)	138	-6.52	1.001	-5.52	30.00

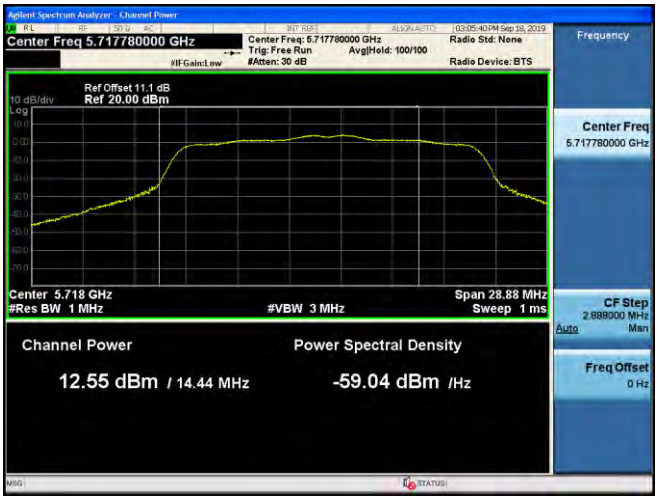
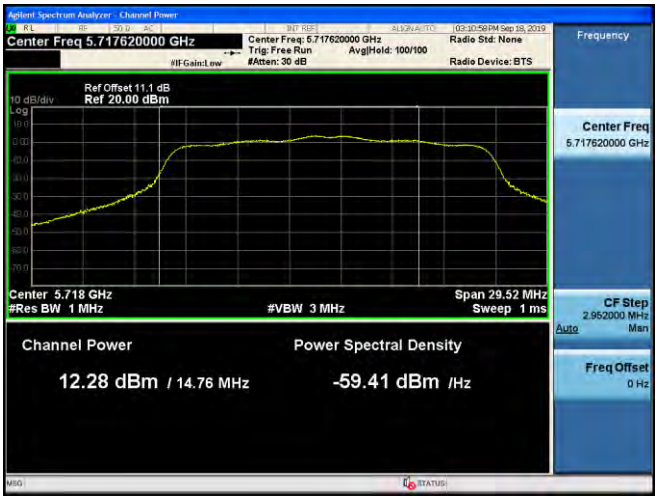
[ANT2]

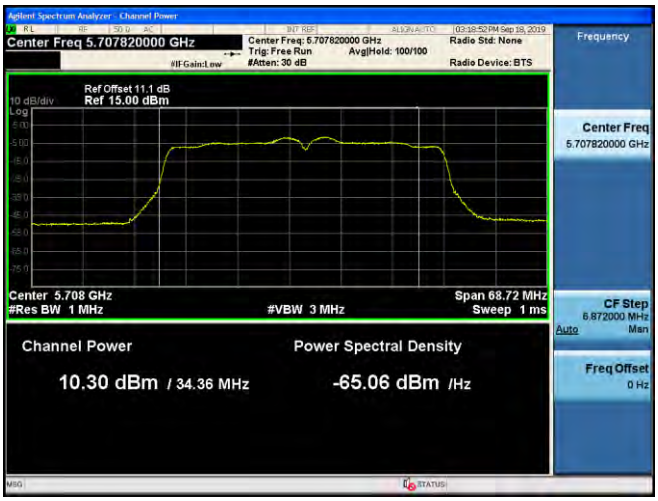
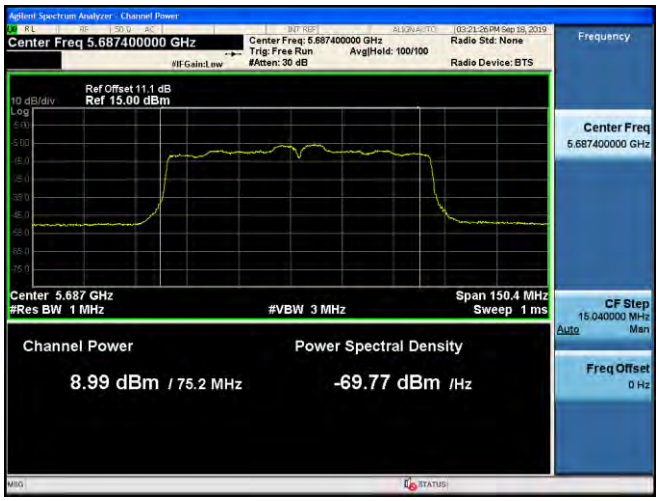
Mode	Frequency [MHz]	Channel	Measured Power (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	Limit (dBm)
802.11a	5720 (UNII 2C Band)	144	12.22	0.318	12.54	22.54
802.11n(HT20)			12.13	0.326	12.46	22.71
802.11ac(VHT20)			11.09	0.322	11.41	22.71
802.11a	5720 (UNII 3 Band)	144	3.97	0.318	4.29	30.00
802.11n(HT20)			4.48	0.326	4.81	30.00
802.11ac(VHT20)			3.42	0.322	3.74	30.00

Mode	Frequency [MHz]	Channel	Measured Power (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	Limit (dBm)
802.11n(HT40)	5710 (UNII 2C Band)	142	10.40	0.589	10.99	23.98
802.11ac(VHT40)			9.32	0.587	9.91	23.98
802.11n(HT40)	5710 (UNII 3 Band)	142	-1.93	0.589	-1.34	30.00
802.11ac(VHT40)			-3.03	0.587	-2.44	30.00

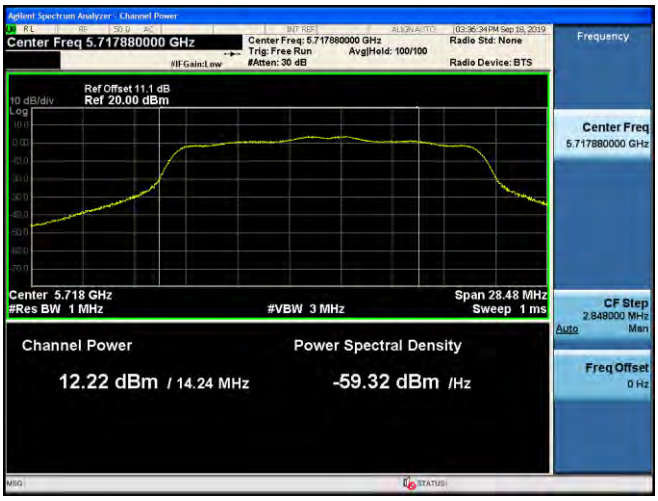
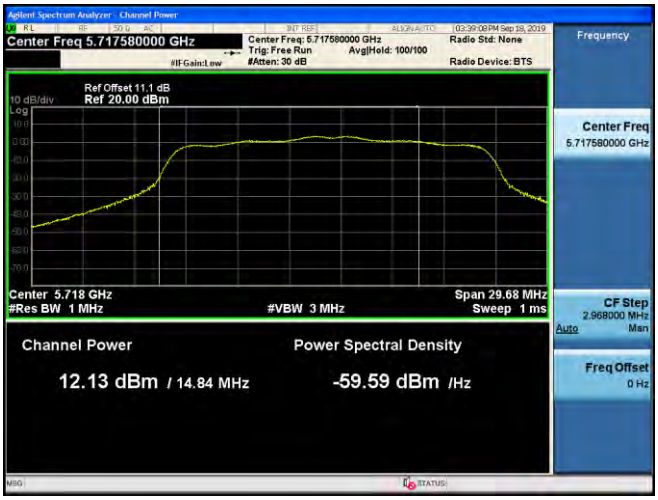
Mode	Frequency [MHz]	Channel	Measured Power (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	Limit (dBm)
802.11ac(VHT80)	5690 (UNII 2C Band)	138	9.03	1.001	10.03	23.98
	5690 (UNII 3 Band)	138	-6.34	1.001	-5.34	30.00

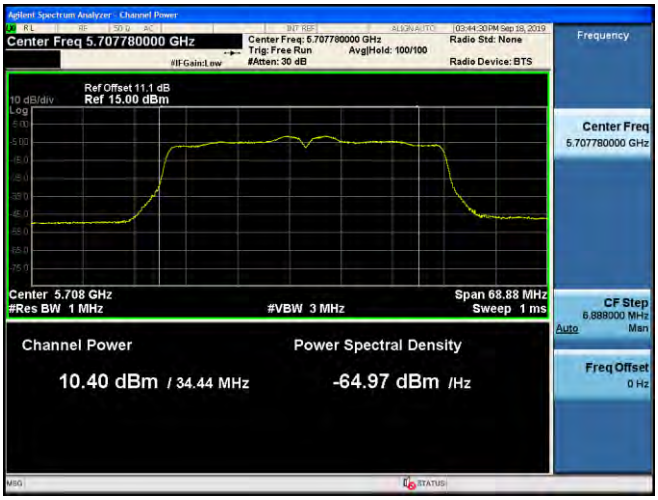
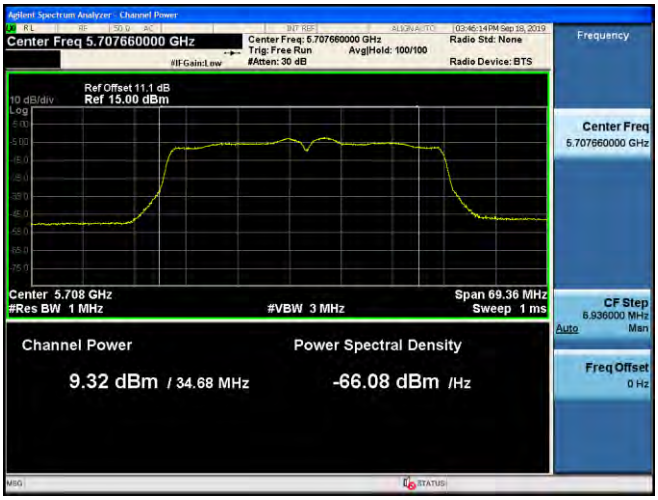
▣ Test Plots_**[ANT1]**

802.11a UNII 2C Band	802.11a UNII 3 Band
	
802.11n(HT20) UNII 2C Band	**802.11n(HT20) UNII 3 Band**
	
802.11ac(VHT20) UNII 2C Band	**802.11ac(VHT20) UNII 3 Band**
	

802.11n(HT40) UNII 2C Band	802.11n(HT40) UNII 3 Band
	
802.11ac(VHT40) UNII 2C Band	**802.11ac(VHT40) UNII 3 Band**
	
802.11ac(VHT80) UNII 2C Band	**802.11ac(VHT80) UNII 3 Band**
	

▣ Test Plots_[ANT2]

802.11a UNII 2C Band	802.11a UNII 3 Band
	
802.11n(HT20) UNII 2C Band	**802.11n(HT20) UNII 3 Band**
	
802.11ac(VHT20) UNII 2C Band	**802.11ac(VHT20) UNII 3 Band**
	

802.11n(HT40) UNII 2C Band	802.11n(HT40) UNII 3 Band
	
802.11ac(VHT40) UNII 2C Band	**802.11ac(VHT40) UNII 3 Band**
	
802.11ac(VHT80) UNII 2C Band	**802.11ac(VHT80) UNII 3 Band**
	

10.7.4 Power Spectral Density

[ANT1]

Mode	Frequency [MHz]	Channel	Measured Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)
802.11a	5720 (UNII 2C Band)	144	4.294	0.318	4.612	11.00
802.11n(HT20)			3.698	0.326	4.024	11.00
802.11ac(VHT20)			2.643	0.322	2.965	11.00
802.11a	5720 (UNII 3 Band)	144	-1.424	0.318	-1.106	30.00
802.11n(HT20)			-1.962	0.326	-1.636	30.00
802.11ac(VHT20)			-2.850	0.322	-2.528	30.00

Mode	Frequency [MHz]	Channel	Measured Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)
802.11n(HT40)	5710 (UNII 2C Band)	142	-0.528	0.589	0.061	11.00
802.11ac(VHT40)			-1.712	0.587	-1.125	11.00
802.11n(HT40)	5710 (UNII 3 Band)	142	-8.156	0.589	-7.567	30.00
802.11ac(VHT40)			-9.088	0.587	-8.501	30.00

Mode	Frequency [MHz]	Channel	Measured Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)
802.11ac(VHT80)	5690 (UNII 2C Band)	138	-5.668	1.001	-4.667	11.00
	5690 (UNII 3 Band)	138	-13.274	1.001	-12.273	30.00

[ANT2]

Mode	Frequency [MHz]	Channel	Measured Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)
802.11a	5720 (UNII 2C Band)	144	3.881	0.318	4.199	11.00
802.11n(HT20)			3.608	0.326	3.934	11.00
802.11ac(VHT20)			2.634	0.322	2.956	11.00
802.11a	5720 (UNII 3 Band)	144	-1.749	0.318	-1.431	30.00
802.11n(HT20)			-1.866	0.326	-1.540	30.00
802.11ac(VHT20)			-3.274	0.322	-2.952	30.00

Mode	Frequency [MHz]	Channel	Measured Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)
802.11n(HT40)	5710 (UNII 2C Band)	142	-1.151	0.589	-0.562	11.00
802.11ac(VHT40)			-2.582	0.587	-1.995	11.00
802.11n(HT40)	5710 (UNII 3 Band)	142	-8.931	0.589	-8.342	30.00
802.11ac(VHT40)			-9.980	0.587	-9.393	30.00

Mode	Frequency [MHz]	Channel	Measured Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)
802.11ac(VHT80)	5690 (UNII 2C Band)	138	-5.692	1.001	-4.691	11.00
	5690 (UNII 3 Band)	138	-12.763	1.001	-11.762	30.00

▣ Test Plots_[ANT1]

802.11a UNII 2C Band	802.11a UNII 3 Band
	
802.11n(HT20) UNII 2C Band	**802.11n(HT20) UNII 3 Band**
	
802.11ac(VHT20) UNII 2C Band	**802.11ac(VHT20) UNII 3 Band**
	

802.11n(HT40) UNII 2C Band	802.11n(HT40) UNII 3 Band
	
802.11ac(VHT40) UNII 2C Band	**802.11ac(VHT40) UNII 3 Band**
	
802.11ac(VHT80) UNII 2C Band	**802.11ac(VHT80) UNII 3 Band**
	

▣ Test Plots_**[ANT2]**

802.11a UNII 2C Band	802.11a UNII 3 Band
	
802.11n(HT20) UNII 2C Band	**802.11n(HT20) UNII 3 Band**
	
802.11ac(VHT20) UNII 2C Band	**802.11ac(VHT20) UNII 3 Band**
	

802.11n(HT40) UNII 2C Band	802.11n(HT40) UNII 3 Band
	
802.11ac(VHT40) UNII 2C Band	**802.11ac(VHT40) UNII 3 Band**
	
802.11ac(VHT80) UNII 2C Band	**802.11ac(VHT80) UNII 3 Band**
	

10.8 RADIATED SPURIOUS EMISSIONS

Frequency Range : 9 kHz – 30MHz

Frequency	Reading	Ant. factor	Cable loss	Ant. POL	Total	Limit	Margin
MHz	dBuV/m	dBm/m	dBm	(H/V)	dBuV/m	dBuV/m	dB
No Critical peaks found							

Note:

1. The reading of emissions are attenuated more than 20 dB below the permissible limits or the field strength is too small to be measured.
2. Distance extrapolation factor = 40log (specific distance / test distance) (dB)
3. Limit line = specific Limits (dBuV) + Distance extrapolation factor

Frequency Range : Below 1 GHz

Frequency	Reading	Ant. factor	Cable loss	Ant. POL	Total	Limit	Margin
MHz	dBuV/m	dBm/m	dBm	(H/V)	dBuV/m	dBuV/m	dB
No Critical peaks found							

Note:

1. Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Quasi peak detector mode

Frequency Range : 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]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	54.59	-2.55	V	52.04	68.20	16.16	PK
15540	52.09	-1.04	V	51.05	73.98	22.93	PK
15540	39.32	-1.04	V	38.28	53.98	15.70	AV
10360	53.85	-2.55	H	51.30	68.20	16.90	PK
15540	52.24	-1.04	H	51.20	73.98	22.78	PK
15540	39.39	-1.04	H	38.35	53.98	15.63	AV

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

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	54.15	-1.97	V	52.18	68.20	16.02	PK
15600	52.86	-2.39	V	50.47	73.98	23.51	PK
15600	39.92	-2.39	V	37.53	53.98	16.45	AV
10400	54.28	-1.97	H	52.31	68.20	15.89	PK
15600	53.06	-2.39	H	50.67	73.98	23.31	PK
15600	40.17	-2.39	H	37.78	53.98	16.20	AV

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

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	54.87	-3.16	V	51.71	68.20	16.49	PK
15720	52.73	-2.57	V	50.16	73.98	23.82	PK
15720	39.63	-2.57	V	37.06	53.98	16.92	AV
10480	53.41	-3.16	H	50.25	68.20	17.95	PK
15720	52.06	-2.57	H	49.49	73.98	24.49	PK
15720	39.51	-2.57	H	36.94	53.98	17.04	AV

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

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	54.28	-3.06	V	51.22	68.20	16.98	PK
15780	51.75	-2.55	V	49.20	73.98	24.78	PK
15780	39.36	-2.55	V	36.81	53.98	17.17	AV
10520	53.47	-3.06	H	50.41	68.20	17.79	PK
15780	52.72	-2.55	H	50.17	73.98	23.81	PK
15780	39.40	-2.55	H	36.85	53.98	17.13	AV

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

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	54.52	-2.95	V	51.57	73.98	22.41	PK
10600	42.01	-2.95	V	39.06	53.98	14.92	AV
15900	50.86	-3.45	V	47.41	73.98	26.57	PK
15900	37.80	-3.45	V	34.35	53.98	19.63	AV
10600	55.39	-2.95	H	52.44	73.98	21.54	PK
10600	41.05	-2.95	H	38.10	53.98	15.88	AV
15900	50.09	-3.45	H	46.64	73.98	27.34	PK
15900	37.72	-3.45	H	34.27	53.98	19.71	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]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	54.78	-2.94	V	51.84	73.98	22.14	PK
10640	41.75	-2.94	V	38.81	53.98	15.17	AV
15960	53.52	-3.22	V	50.30	73.98	23.68	PK
15960	40.10	-3.22	V	36.88	53.98	17.10	AV
10640	54.52	-2.94	H	51.58	73.98	22.40	PK
10640	41.82	-2.94	H	38.88	53.98	15.10	AV
15960	52.53	-3.22	H	49.31	73.98	24.67	PK
15960	40.02	-3.22	H	36.80	53.98	17.18	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]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	53.29	-1.91	V	51.38	73.98	22.60	PK
11000	40.49	-1.91	V	38.58	53.98	15.40	AV
16500	53.55	-0.72	V	52.83	68.20	15.37	PK
11000	53.45	-1.91	H	51.54	73.98	22.44	PK
11000	40.51	-1.91	H	38.60	53.98	15.38	AV
16500	52.75	-0.72	H	52.03	68.20	16.17	PK

Band :	UNII 2C
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5600 MHz
Channel No.	120 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11200	53.54	-2.24	V	51.30	73.98	22.68	PK
11200	40.75	-2.24	V	38.51	53.98	15.47	AV
16800	52.75	1.54	V	54.29	68.20	13.91	PK
11200	53.23	-2.24	H	50.99	73.98	22.99	PK
11200	40.67	-2.24	H	38.43	53.98	15.55	AV
16800	51.98	1.54	H	53.52	68.20	14.68	PK

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

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11440	53.35	-1.88	V	51.47	73.98	22.51	PK
11440	40.46	-1.88	V	38.58	53.98	15.40	AV
17160	52.61	3.28	V	55.89	68.20	12.31	PK
11440	53.18	-1.88	H	51.30	73.98	22.68	PK
11440	40.19	-1.88	H	38.31	53.98	15.67	AV
17160	52.15	3.28	H	55.43	68.20	12.77	PK

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

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	54.05	-2.07	V	51.98	73.98	22.00	PK
11490	40.20	-2.07	V	38.13	53.98	15.85	AV
17235	52.82	3.87	V	56.69	68.20	11.51	PK
11490	52.47	-2.07	H	50.40	73.98	23.58	PK
11490	40.51	-2.07	H	38.44	53.98	15.54	AV
17235	52.90	3.87	H	56.77	68.20	11.43	PK

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

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	54.77	-2.13	V	52.64	73.98	21.34	PK
11570	41.19	-2.13	V	39.06	53.98	14.92	AV
17355	52.41	4.56	V	56.97	68.20	11.24	PK
11570	54.67	-2.13	H	52.54	73.98	21.44	PK
11570	41.20	-2.13	H	39.07	53.98	14.91	AV
17355	52.02	4.56	H	56.58	68.20	11.63	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]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	54.54	-2.46	V	52.08	73.98	21.90	PK
11650	41.22	-2.46	V	38.76	53.98	15.22	AV
17475	50.77	5.67	V	56.44	68.20	11.77	PK
11650	53.49	-2.46	H	51.03	73.98	22.95	PK
11650	41.07	-2.46	H	38.61	53.98	15.37	AV
17475	52.25	5.67	H	57.92	68.20	10.29	PK

Band :	UNII 1
Operation Mode:	802.11 n(HT20)
Transfer MCS Index:	MCS0
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	53.65	-2.55	V	51.10	68.20	17.10	PK
15540	51.58	-1.04	V	50.54	73.98	23.44	PK
15540	39.35	-1.04	V	38.31	53.98	15.67	AV
10360	53.78	-2.55	H	51.23	68.20	16.97	PK
15540	52.11	-1.04	H	51.07	73.98	22.91	PK
15540	39.38	-1.04	H	38.34	53.98	15.64	AV

Band :	UNII 1
Operation Mode:	802.11 n(HT20)
Transfer MCS Index:	MCS0
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	53.88	-1.97	V	51.91	68.20	16.29	PK
15600	52.78	-2.39	V	50.39	73.98	23.59	PK
15600	39.89	-2.39	V	37.50	53.98	16.48	AV
10400	53.65	-1.97	H	51.68	68.20	16.52	PK
15600	52.95	-2.39	H	50.56	73.98	23.42	PK
15600	39.95	-2.39	H	37.56	53.98	16.42	AV

Band :	UNII 1
Operation Mode:	802.11 n(HT20)
Transfer MCS Index:	MCS0
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	53.69	-3.16	V	50.53	68.20	17.67	PK
15720	52.85	-2.57	V	50.28	73.98	23.70	PK
15720	39.44	-2.57	V	36.87	53.98	17.11	AV
10480	54.11	-3.16	H	50.95	68.20	17.25	PK
15720	53.15	-2.57	H	50.58	73.98	23.40	PK
15720	39.58	-2.57	H	37.01	53.98	16.97	AV

Band :	UNII 2A
Operation Mode:	802.11 n(HT20)
Transfer MCS Index:	MCS0
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	52.85	-3.06	V	49.79	68.20	18.41	PK
15780	50.79	-2.55	V	48.24	73.98	25.74	PK
15780	39.28	-2.55	V	36.73	53.98	17.25	AV
10520	53.31	-3.06	H	50.25	68.20	17.95	PK
15780	51.11	-2.55	H	48.56	73.98	25.42	PK
15780	39.50	-2.55	H	36.95	53.98	17.03	AV

Band :	UNII 2A
Operation Mode:	802.11 n(HT20)
Transfer MCS Index:	MCS0
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	53.90	-2.95	V	50.95	73.98	23.03	PK
10600	39.90	-2.95	V	36.95	53.98	17.03	AV
15900	50.52	-3.45	V	47.07	73.98	26.91	PK
15900	37.77	-3.45	V	34.32	53.98	19.66	AV
10600	54.75	-2.95	H	51.80	73.98	22.18	PK
10600	39.99	-2.95	H	37.04	53.98	16.94	AV
15900	49.84	-3.45	H	46.39	73.98	27.59	PK
15900	37.85	-3.45	H	34.40	53.98	19.58	AV

Band :	UNII 2A
Operation Mode:	802.11 n(HT20)
Transfer MCS Index:	MCS0
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	54.19	-2.94	V	51.25	73.98	22.73	PK
10640	41.79	-2.94	V	38.85	53.98	15.13	AV
15960	52.68	-3.22	V	49.46	73.98	24.52	PK
15960	40.05	-3.22	V	36.83	53.98	17.15	AV
10640	53.67	-2.94	H	50.73	73.98	23.25	PK
10640	41.77	-2.94	H	38.83	53.98	15.15	AV
15960	51.56	-3.22	H	48.34	73.98	25.64	PK
15960	39.89	-3.22	H	36.67	53.98	17.31	AV

Band :	UNII 2C
Operation Mode:	802.11 n(HT20)
Transfer MCS Index:	MCS0
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	53.11	-1.91	V	51.20	73.98	22.78	PK
11000	40.48	-1.91	V	38.57	53.98	15.41	AV
16500	52.68	-0.72	V	51.96	68.20	16.24	PK
11000	52.61	-1.91	H	50.70	73.98	23.28	PK
11000	40.44	-1.91	H	38.53	53.98	15.45	AV
16500	51.49	-0.72	H	50.77	68.20	17.43	PK

Band :	UNII 2C
Operation Mode:	802.11 n(HT20)
Transfer MCS Index:	MCS0
Operating Frequency	5600 MHz
Channel No.	120 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11200	53.19	-2.24	V	50.95	73.98	23.03	PK
11200	40.66	-2.24	V	38.42	53.98	15.56	AV
16800	52.14	1.54	V	53.68	68.20	14.52	PK
11200	52.82	-2.24	H	50.58	73.98	23.40	PK
11200	40.60	-2.24	H	38.36	53.98	15.62	AV
16800	51.28	1.54	H	52.82	68.20	15.38	PK

Band :	UNII 2C
Operation Mode:	802.11 n(HT20)
Transfer MCS Index:	MCS0
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11440	52.82	-1.88	V	50.94	73.98	23.04	PK
11440	40.38	-1.88	V	38.50	53.98	15.48	AV
17160	53.48	3.28	V	56.76	68.20	11.44	PK
11440	52.61	-1.88	H	50.73	73.98	23.25	PK
11440	40.29	-1.88	H	38.41	53.98	15.57	AV
17160	51.66	3.28	H	54.94	68.20	13.26	PK

Band :	UNII 3
Operation Mode:	802.11 n(HT20)
Transfer MCS Index:	MCS0
Operating Frequency	5745MHz
Channel No.	149 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	52.85	-2.07	V	50.78	73.98	23.20	PK
11490	40.40	-2.07	V	38.33	53.98	15.65	AV
17235	51.77	3.87	V	55.64	68.20	12.56	PK
11490	53.11	-2.07	H	51.04	73.98	22.94	PK
11490	40.46	-2.07	H	38.39	53.98	15.59	AV
17235	52.31	3.87	H	56.18	68.20	12.02	PK

Band :	UNII 3
Operation Mode:	802.11 n(HT20)
Transfer MCS Index:	MCS0
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	52.85	-2.13	V	50.72	73.98	23.26	PK
11570	41.05	-2.13	V	38.92	53.98	15.06	AV
17355	51.96	4.56	V	56.52	68.20	11.69	PK
11570	53.00	-2.13	H	50.87	73.98	23.11	PK
11570	40.89	-2.13	H	38.76	53.98	15.22	AV
17355	51.64	4.56	H	56.20	68.20	12.01	PK

Band :	UNII 3
Operation Mode:	802.11 n(HT20)
Transfer MCS Index:	MCS0
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	53.10	-2.46	V	50.64	73.98	23.34	PK
11650	41.11	-2.46	V	38.65	53.98	15.33	AV
17475	51.64	5.67	V	57.31	68.20	10.90	PK
11650	52.88	-2.46	H	50.42	73.98	23.56	PK
11650	40.95	-2.46	H	38.49	53.98	15.49	AV
17475	50.98	5.67	H	56.65	68.20	11.56	PK

Band :	UNII 1
Operation Mode:	802.11 ac(VHT20)
Transfer MCS Index:	MCS0
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	52.75	-2.55	V	50.20	68.20	18.00	PK
15540	51.44	-1.04	V	50.40	73.98	23.58	PK
15540	39.32	-1.04	V	38.28	53.98	15.70	AV
10360	53.66	-2.55	H	51.11	68.20	17.09	PK
15540	50.89	-1.04	H	49.85	73.98	24.13	PK
15540	39.25	-1.04	H	38.21	53.98	15.77	AV

Band :	UNII 1
Operation Mode:	802.11 ac(VHT20)
Transfer MCS Index:	MCS0
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10400	51.45	-1.97	V	49.48	68.20	18.72	PK
15600	52.11	-2.39	V	49.72	73.98	24.26	PK
15600	39.84	-2.39	V	37.45	53.98	16.53	AV
10400	52.99	-1.97	H	51.02	68.20	17.18	PK
15600	51.89	-2.39	H	49.50	73.98	24.48	PK
15600	39.91	-2.39	H	37.52	53.98	16.46	AV

Band :	UNII 1
Operation Mode:	802.11 ac(VHT20)
Transfer MCS Index:	MCS0
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10480	52.88	-3.16	V	49.72	68.20	18.48	PK
15720	51.74	-2.57	V	49.17	73.98	24.81	PK
15720	39.40	-2.57	V	36.83	53.98	17.15	AV
10480	53.56	-3.16	H	50.40	68.20	17.80	PK
15720	52.95	-2.57	H	50.38	73.98	23.60	PK
15720	39.49	-2.57	H	36.92	53.98	17.06	AV

Band :	UNII 2A
Operation Mode:	802.11 ac(VHT20)
Transfer MCS Index:	MCS0
Operating Frequency	5260MHz
Channel No.	52 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	51.68	-3.06	V	48.62	68.20	19.58	PK
15780	51.77	-2.55	V	49.22	73.98	24.76	PK
15780	39.20	-2.55	V	36.65	53.98	17.33	AV
10520	53.19	-3.06	H	50.13	68.20	18.07	PK
15780	50.82	-2.55	H	48.27	73.98	25.71	PK
15780	39.38	-2.55	H	36.83	53.98	17.15	AV

Band :	UNII 2A
Operation Mode:	802.11 ac(VHT20)
Transfer MCS Index:	MCS0
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	51.89	-2.95	V	48.94	73.98	25.04	PK
10600	39.48	-2.95	V	36.53	53.98	17.45	AV
15900	49.85	-3.45	V	46.40	73.98	27.58	PK
15900	37.70	-3.45	V	34.25	53.98	19.73	AV
10600	53.66	-2.95	H	50.71	73.98	23.27	PK
10600	39.92	-2.95	H	36.97	53.98	17.01	AV
15900	48.25	-3.45	H	44.80	73.98	29.18	PK
15900	37.81	-3.45	H	34.36	53.98	19.62	AV

Band :	UNII 2A
Operation Mode:	802.11 ac(VHT20)
Transfer MCS Index:	MCS0
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	53.61	-2.94	V	50.67	73.98	23.31	PK
10640	41.84	-2.94	V	38.90	53.98	15.08	AV
15960	51.58	-3.22	V	48.36	73.98	25.62	PK
15960	40.01	-3.22	V	36.79	53.98	17.19	AV
10640	52.55	-2.94	H	49.61	73.98	24.37	PK
10640	41.65	-2.94	H	38.71	53.98	15.27	AV
15960	52.58	-3.22	H	49.36	73.98	24.62	PK
15960	39.96	-3.22	H	36.74	53.98	17.24	AV

Band :	UNII 2C
Operation Mode:	802.11 ac(VHT20)
Transfer MCS Index:	MCS0
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	52.92	-1.91	V	51.01	73.98	22.97	PK
11000	40.55	-1.91	V	38.64	53.98	15.34	AV
16500	52.76	-0.72	V	52.04	68.20	16.16	PK
11000	52.55	-1.91	H	50.64	73.98	23.34	PK
11000	40.68	-1.91	H	38.77	53.98	15.21	AV
16500	53.10	-0.72	H	52.38	68.20	15.82	PK

Band :	UNII 2C
Operation Mode:	802.11 ac(VHT20)
Transfer MCS Index:	MCS0
Operating Frequency	5600 MHz
Channel No.	120 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11200	52.64	-2.24	V	50.40	73.98	23.58	PK
11200	40.58	-2.24	V	38.34	53.98	15.64	AV
16800	50.89	1.54	V	52.43	68.20	15.77	PK
11200	53.11	-2.24	H	50.87	73.98	23.11	PK
11200	40.69	-2.24	H	38.45	53.98	15.53	AV
16800	52.78	1.54	H	54.32	68.20	13.88	PK

Band :	UNII 2C
Operation Mode:	802.11 ac(VHT20)
Transfer MCS Index:	MCS0
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11440	51.85	-1.88	V	49.97	73.98	24.01	PK
11440	40.41	-1.88	V	38.53	53.98	15.45	AV
17160	52.08	3.28	V	55.36	68.20	12.84	PK
11440	51.94	-1.88	H	50.06	73.98	23.92	PK
11440	40.35	-1.88	H	38.47	53.98	15.51	AV
17160	52.74	3.28	H	56.02	68.20	12.18	PK

Band :	UNII 3
Operation Mode:	802.11 ac(VHT20)
Transfer MCS Index:	MCS0
Operating Frequency	5745MHz
Channel No.	149 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	52.66	-2.07	V	50.59	73.98	23.39	PK
11490	40.31	-2.07	V	38.24	53.98	15.74	AV
17235	52.35	3.87	V	56.22	68.20	11.98	PK
11490	52.18	-2.07	H	50.11	73.98	23.87	PK
11490	40.38	-2.07	H	38.31	53.98	15.67	AV
17235	51.19	3.87	H	55.06	68.20	13.14	PK

Band :	UNII 3
Operation Mode:	802.11 ac(VHT20)
Transfer MCS Index:	MCS0
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	53.11	-2.13	V	50.98	73.98	23.00	PK
11570	40.89	-2.13	V	38.76	53.98	15.22	AV
17355	52.65	4.56	V	57.21	68.20	11.00	PK
11570	52.72	-2.13	H	50.59	73.98	23.39	PK
11570	40.95	-2.13	H	38.82	53.98	15.16	AV
17355	51.59	4.56	H	56.15	68.20	12.06	PK

Band :	UNII 3
Operation Mode:	802.11 ac(VHT20)
Transfer MCS Index:	MCS0
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	52.84	-2.46	V	50.38	73.98	23.60	PK
11650	40.89	-2.46	V	38.43	53.98	15.55	AV
17475	51.90	5.67	V	57.57	68.20	10.64	PK
11650	52.58	-2.46	H	50.12	73.98	23.86	PK
11650	40.85	-2.46	H	38.39	53.98	15.59	AV
17475	51.55	5.67	H	57.22	68.20	10.99	PK

Band :	UNII 1
Operation Mode:	802.11 n(HT40)
Transfer MCS Index:	MCS0
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10380	54.01	-2.27	V	51.74	68.20	16.46	PK
15570	53.43	-2.41	V	51.02	73.98	22.96	PK
15570	40.49	-2.41	V	38.08	53.98	15.90	AV
10380	54.19	-2.27	H	51.92	68.20	16.28	PK
15570	53.05	-2.41	H	50.64	73.98	23.34	PK
15570	40.60	-2.41	H	38.19	53.98	15.79	AV

Band :	UNII 1
Operation Mode:	802.11 n(HT40)
Transfer MCS Index:	MCS0
Operating Frequency	5230 MHz
Channel No.	46 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10460	53.60	-2.96	V	50.64	68.20	17.56	PK
15690	51.53	-2.19	V	49.34	73.98	24.64	PK
15690	40.23	-2.19	V	38.04	53.98	15.94	AV
10460	53.28	-2.96	H	50.32	68.20	17.88	PK
15690	53.29	-2.19	H	51.10	73.98	22.88	PK
15690	40.30	-2.19	H	38.11	53.98	15.87	AV

Band :	UNII 2A
Operation Mode:	802.11 n(HT40)
Transfer MCS Index:	MCS0
Operating Frequency	5270 MHz
Channel No.	54 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10540	53.65	-2.62	V	51.03	68.20	17.17	PK
15810	52.84	-3.01	V	49.83	73.98	24.15	PK
15810	40.03	-3.01	V	37.02	53.98	16.96	AV
10540	54.03	-2.62	H	51.41	68.20	16.79	PK
15810	51.58	-3.01	H	48.57	73.98	25.41	PK
15810	39.97	-3.01	H	36.96	53.98	17.02	AV

Band :	UNII 2A
Operation Mode:	802.11 n(HT40)
Transfer MCS Index:	MCS0
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10620	54.68	-3.11	V	51.57	73.98	22.41	PK
10620	42.79	-3.11	V	39.68	53.98	14.30	AV
15930	52.13	-3.67	V	48.46	73.98	25.52	PK
15930	39.45	-3.67	V	35.78	53.98	18.20	AV
10620	54.20	-3.11	H	51.09	73.98	22.89	PK
10620	42.64	-3.11	H	39.53	53.98	14.45	AV
15930	52.58	-3.67	H	48.91	73.98	25.07	PK
15930	39.62	-3.67	H	35.95	53.98	18.03	AV

Band :	UNII 2C
Operation Mode:	802.11 n(HT40)
Transfer MCS Index:	MCS0
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11020	53.97	-1.71	V	52.26	73.98	21.72	PK
11020	41.46	-1.71	V	39.75	53.98	14.23	AV
16530	54.38	-1.15	V	53.23	68.20	14.97	PK
11020	53.89	-1.71	H	52.18	73.98	21.80	PK
11020	41.51	-1.71	H	39.80	53.98	14.18	AV
16530	54.29	-1.15	H	53.14	68.20	15.06	PK

Band :	UNII 2C
Operation Mode:	802.11 n(HT40)
Transfer MCS Index:	MCS0
Operating Frequency	5590 MHz
Channel No.	118 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11180	54.46	-1.93	V	52.53	73.98	21.45	PK
11180	41.87	-1.93	V	39.94	53.98	14.04	AV
16770	52.00	-0.81	V	51.19	68.20	17.01	PK
11180	52.94	-1.93	H	51.01	73.98	22.97	PK
11180	41.55	-1.93	H	39.62	53.98	14.36	AV
16770	51.97	-0.81	H	51.16	68.20	17.04	PK

Band :	UNII 2C
Operation Mode:	802.11 n(HT40)
Transfer MCS Index:	MCS0
Operating Frequency	5710 MHz
Channel No.	142 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11420	52.79	-1.82	V	50.97	73.98	23.01	PK
11420	40.59	-1.82	V	38.77	53.98	15.21	AV
17130	52.58	2.94	V	55.52	68.20	12.68	PK
11420	53.27	-1.82	H	51.45	73.98	22.53	PK
11420	40.61	-1.82	H	38.79	53.98	15.19	AV
17130	52.91	2.94	H	55.85	68.20	12.35	PK

Band :	UNII 3
Operation Mode:	802.11 n(HT40)
Transfer MCS Index:	MCS0
Operating Frequency	5755 MHz
Channel No.	151 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11510	53.20	-1.83	V	51.37	73.98	22.61	PK
11510	41.25	-1.83	V	39.42	53.98	14.56	AV
17265	52.74	3.80	V	56.54	68.20	11.67	PK
11510	54.28	-1.83	H	52.45	73.98	21.53	PK
11510	41.59	-1.83	H	39.76	53.98	14.22	AV
17265	53.08	3.80	H	56.88	68.20	11.33	PK

Band :	UNII 3
Operation Mode:	802.11 n(HT40)
Transfer MCS Index:	MCS0
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11590	54.12	-2.10	V	52.02	73.98	21.96	PK
11590	41.77	-2.10	V	39.67	53.98	14.31	AV
17385	51.98	4.82	V	56.80	68.20	11.40	PK
11590	54.98	-2.10	H	52.88	73.98	21.10	PK
11590	42.09	-2.10	H	39.99	53.98	13.99	AV
17385	52.53	4.82	H	57.35	68.20	10.85	PK

Band :	UNII 1
Operation Mode:	802.11 ac(VHT40)
Transfer MCS Index:	MCS0
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10380	53.84	-2.27	V	51.57	68.20	16.63	PK
15570	52.96	-2.41	V	50.55	73.98	23.43	PK
15570	40.54	-2.41	V	38.13	53.98	15.85	AV
10380	53.59	-2.27	H	51.32	68.20	16.88	PK
15570	52.53	-2.41	H	50.12	73.98	23.86	PK
15570	40.48	-2.41	H	38.07	53.98	15.91	AV

Band :	UNII 1
Operation Mode:	802.11 ac(VHT40)
Transfer MCS Index:	MCS0
Operating Frequency	5230 MHz
Channel No.	46 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10460	53.11	-2.96	V	50.15	68.20	18.05	PK
15690	51.09	-2.19	V	48.90	73.98	25.08	PK
15690	40.30	-2.19	V	38.11	53.98	15.87	AV
10460	52.82	-2.96	H	49.86	68.20	18.34	PK
15690	51.56	-2.19	H	49.37	73.98	24.61	PK
15690	40.19	-2.19	H	38.00	53.98	15.98	AV

Band :	UNII 2A
Operation Mode:	802.11 ac(VHT40)
Transfer MCS Index:	MCS0
Operating Frequency	5270 MHz
Channel No.	54 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10540	53.25	-2.62	V	50.63	68.20	17.57	PK
15810	52.46	-3.01	V	49.45	73.98	24.53	PK
15810	40.10	-3.01	V	37.09	53.98	16.89	AV
10540	53.88	-2.62	H	51.26	68.20	16.94	PK
15810	51.75	-3.01	H	48.74	73.98	25.24	PK
15810	39.89	-3.01	H	36.88	53.98	17.10	AV

Band :	UNII 2A
Operation Mode:	802.11 ac(VHT40)
Transfer MCS Index:	MCS0
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10620	54.12	-3.11	V	51.01	73.98	22.97	PK
10620	42.61	-3.11	V	39.50	53.98	14.48	AV
15930	51.84	-3.67	V	48.17	73.98	25.81	PK
15930	39.41	-3.67	V	35.74	53.98	18.24	AV
10620	53.94	-3.11	H	50.83	73.98	23.15	PK
10620	41.55	-3.11	H	38.44	53.98	15.54	AV
15930	51.88	-3.67	H	48.21	73.98	25.77	PK
15930	39.53	-3.67	H	35.86	53.98	18.12	AV

Band :	UNII 2C
Operation Mode:	802.11 ac(VHT40)
Transfer MCS Index:	MCS0
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11020	53.12	-1.71	V	51.41	73.98	22.57	PK
11020	41.35	-1.71	V	39.64	53.98	14.34	AV
16530	5.11	-1.15	V	3.96	68.20	64.24	PK
11020	53.68	-1.71	H	51.97	73.98	22.01	PK
11020	41.48	-1.71	H	39.77	53.98	14.21	AV
16530	53.65	-1.15	H	52.50	68.20	15.70	PK

Band :	UNII 2C
Operation Mode:	802.11 ac(VHT40)
Transfer MCS Index:	MCS0
Operating Frequency	5590 MHz
Channel No.	118 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11180	52.94	-1.93	V	51.01	73.98	22.97	PK
11180	41.68	-1.93	V	39.75	53.98	14.23	AV
16770	51.82	-0.81	V	51.01	68.20	17.19	PK
11180	51.99	-1.93	H	50.06	73.98	23.92	PK
11180	41.48	-1.93	H	39.55	53.98	14.43	AV
16770	51.46	-0.81	H	50.65	68.20	17.55	PK

Band :	UNII 2C
Operation Mode:	802.11 ac(VHT40)
Transfer MCS Index:	MCS0
Operating Frequency	5710 MHz
Channel No.	142 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11420	52.55	-1.82	V	50.73	73.98	23.25	PK
11420	40.49	-1.82	V	38.67	53.98	15.31	AV
17130	52.14	2.94	V	55.08	68.20	13.12	PK
11420	52.94	-1.82	H	51.12	73.98	22.86	PK
11420	40.55	-1.82	H	38.73	53.98	15.25	AV
17130	52.65	2.94	H	55.59	68.20	12.61	PK

Band :	UNII 3
Operation Mode:	802.11 ac(VHT40)
Transfer MCS Index:	MCS0
Operating Frequency	5755 MHz
Channel No.	151 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11510	52.74	-1.83	V	50.91	73.98	23.07	PK
11510	41.19	-1.83	V	39.36	53.98	14.62	AV
17265	53.08	3.80	V	56.88	68.20	11.33	PK
11510	53.44	-1.83	H	51.61	73.98	22.37	PK
11510	41.32	-1.83	H	39.49	53.98	14.49	AV
17265	53.17	3.80	H	56.97	68.20	11.24	PK

Band :	UNII 3
Operation Mode:	802.11 ac(VHT40)
Transfer MCS Index:	MCS0
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11590	53.43	-2.10	V	51.33	73.98	22.65	PK
11590	41.81	-2.10	V	39.71	53.98	14.27	AV
17385	51.55	4.82	V	56.37	68.20	11.83	PK
11590	53.67	-2.10	H	51.57	73.98	22.41	PK
11590	41.89	-2.10	H	39.79	53.98	14.19	AV
17385	51.94	4.82	H	56.76	68.20	11.44	PK

Band :	UNII 1
Operation Mode:	802.11 ac(VHT80)
Transfer MCS Index:	MCS0
Operating Frequency	5210 MHz
Channel No.	42 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10420	54.04	-2.67	V	51.37	68.20	16.83	PK
15630	52.03	-2.90	V	49.13	73.98	24.85	PK
15630	41.37	-2.90	V	38.47	53.98	15.51	AV
10420	54.95	-2.67	H	52.28	68.20	15.92	PK
15630	52.57	-2.90	H	49.67	73.98	24.31	PK
15630	41.65	-2.90	H	38.75	53.98	15.23	AV

Band :	UNII 2A
Operation Mode:	802.11 ac(VHT80)
Transfer MCS Index:	MCS0
Operating Frequency	5290 MHz
Channel No.	58 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10580	54.02	-2.78	V	51.24	68.20	16.96	PK
15870	52.03	-3.72	V	48.31	73.98	25.67	PK
15870	40.60	-3.72	V	36.88	53.98	17.10	AV
10580	54.53	-2.78	H	51.75	68.20	16.45	PK
15870	51.77	-3.72	H	48.05	73.98	25.93	PK
15870	40.48	-3.72	H	36.76	53.98	17.22	AV

Band :	UNII 2C
Operation Mode:	802.11 ac(VHT80)
Transfer MCS Index:	MCS0
Operating Frequency	5530 MHz
Channel No.	106 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11060	54.63	-1.76	V	52.87	73.98	21.11	PK
11060	41.73	-1.76	V	39.97	53.98	14.01	AV
16590	53.05	-1.06	V	51.99	68.20	16.21	PK
11060	54.17	-1.76	H	52.41	73.98	21.57	PK
11060	41.62	-1.76	H	39.86	53.98	14.12	AV
16590	52.51	-1.06	H	51.45	68.20	16.75	PK

Band :	UNII 2C
Operation Mode:	802.11 ac(VHT80)
Transfer MCS Index:	MCS0
Operating Frequency	5610 MHz
Channel No.	122 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11220	52.62	-2.53	V	50.09	73.98	23.89	PK
11220	42.34	-2.53	V	39.81	53.98	14.17	AV
16830	52.77	1.35	V	54.12	68.20	14.08	PK
11220	53.51	-2.53	H	50.98	73.98	23.00	PK
11220	42.40	-2.53	H	39.87	53.98	14.11	AV
16830	52.72	1.35	H	54.07	68.20	14.13	PK

Band :	UNII 2C
Operation Mode:	802.11 ac(VHT80)
Transfer MCS Index:	MCS0
Operating Frequency	5690 MHz
Channel No.	138 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11380	53.19	-1.92	V	51.27	73.98	22.71	PK
11380	42.24	-1.92	V	40.32	53.98	13.66	AV
17070	52.07	2.28	V	54.35	68.20	13.85	PK
11380	54.29	-1.92	H	52.37	73.98	21.61	PK
11380	42.05	-1.92	H	40.13	53.98	13.85	AV
17070	52.50	2.28	H	54.78	68.20	13.42	PK

Band :	UNII 3
Operation Mode:	802.11 ac(VHT80)
Transfer MCS Index:	MCS0
Operating Frequency	5775 MHz
Channel No.	155 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11550	53.61	-1.50	V	52.11	73.98	21.87	PK
11550	42.68	-1.50	V	41.18	53.98	12.80	AV
17325	52.45	4.52	V	56.97	68.20	11.24	PK
11550	54.44	-1.50	H	52.94	73.98	21.04	PK
11550	43.04	-1.50	H	41.54	53.98	12.44	AV
17325	52.98	4.52	H	57.50	68.20	10.71	PK

[DBS Mode 2.4 GHz & 5GHz]

Band :	UNII 1
Operation Mode:	802.11 a & 802.11b
Transfer Rate:	6 Mbps & 1 Mbps
Operating Frequency	5180 MHz & 2412 MHz
Channel No.	36 Ch & 1 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10360	53.91	-2.55	V	51.36	68.20	16.84	PK
15540	51.69	-1.04	V	50.65	73.98	23.33	PK
15540	39.44	-1.04	V	38.40	53.98	15.58	AV
10360	53.75	-2.55	H	51.20	68.20	17.00	PK
15540	52.39	-1.04	H	51.35	73.98	22.63	PK
15540	39.69	-1.04	H	38.65	53.98	15.33	AV

Band :	UNII 2C
Operation Mode:	802.11 a & 802.11b
Transfer Rate:	6 Mbps & 1Mbps
Operating Frequency	5500 MHz & 2437MHz
Channel No.	100 Ch & 6 Ch

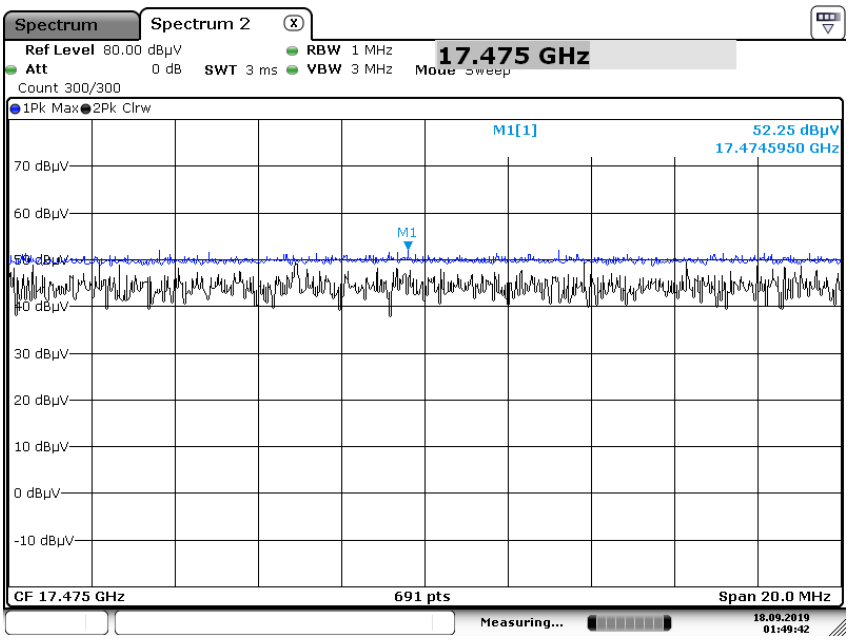
Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	53.90	-1.91	V	51.99	73.98	21.99	PK
11000	41.05	-1.91	V	39.14	53.98	14.84	AV
16500	52.53	-0.72	V	51.81	68.20	16.39	PK
11000	52.84	-1.91	H	50.93	73.98	23.05	PK
11000	40.88	-1.91	H	38.97	53.98	15.01	AV
16500	52.41	-0.72	H	51.69	68.20	16.51	PK

Band :	UNII 3
Operation Mode:	802.11 a & 802.11b
Transfer Rate:	6 Mbps & 1Mbps
Operating Frequency	5825 MHz & 2462 MHz
Channel No.	165 Ch & 11 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L. -A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	54.39	-2.46	V	51.93	73.98	22.05	PK
11650	41.68	-2.46	V	39.22	53.98	14.76	AV
17475	51.55	5.67	V	57.22	68.20	10.99	PK
11650	54.27	-2.46	H	51.81	73.98	22.17	PK
11650	41.71	-2.46	H	39.25	53.98	14.73	AV
17475	51.81	5.67	H	57.48	68.20	10.73	PK

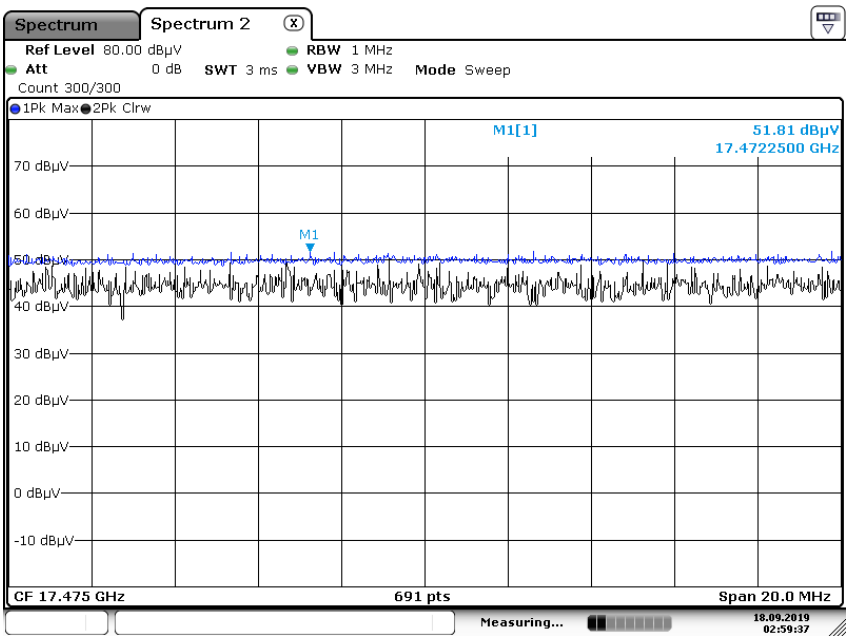
▣ Test Plots

Peak Reading (802.11a, Ch.165 3rd Harmonic, Y-H)



Date: 18.SEP.2019 01:49:42

Peak Reading [DBS Mode 2.4 GHz & 5GHz_802.11 a & 802.11b, 6 Mbps & 1Mbps, 165 Ch & 11 Ch]



Date: 18.SEP.2019 02:59:38

Note:

Only the worst case plots for Radiated Spurious Emissions.

10.9 RADIATED RESTRICTED BAND EDGE

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. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	49.38	3.89	H	53.27	73.98	20.71	PK
5150	36.60	3.89	H	40.49	53.98	13.49	AV
5150	50.27	3.89	V	54.16	73.98	19.82	PK
5150	36.87	3.89	V	40.76	53.98	13.22	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. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	49.52	4.12	H	53.64	73.98	20.34	PK
5350	35.89	4.12	H	40.01	53.98	13.97	AV
5350	50.94	4.12	V	55.06	73.98	18.92	PK
5350	36.31	4.12	V	40.43	53.98	13.55	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. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	50.93	5.20	H	56.13	73.98	17.85	PK
5460	36.15	5.20	H	41.35	53.98	12.63	AV
5470	53.55	5.16	H	58.71	68.20	9.49	PK
5460	51.61	5.20	V	56.81	73.98	17.17	PK
5460	36.38	5.20	V	41.58	53.98	12.40	AV
5470	54.56	5.16	V	59.72	68.20	8.48	PK

Band :	UNII 1
Operation Mode:	802.11 n_HT20
Transfer MCS Index:	0
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	49.16	3.89	H	53.05	73.98	20.93	PK
5150	36.65	3.89	H	40.54	53.98	13.44	AV
5150	49.41	3.89	V	53.3	73.98	20.68	PK
5150	36.78	3.89	V	40.67	53.98	13.31	AV

Band :	UNII 2A
Operation Mode:	802.11 n_HT20
Transfer MCS Index:	0
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	49.15	4.12	H	53.27	73.98	20.71	PK
5350	35.76	4.12	H	39.88	53.98	14.10	AV
5350	50.83	4.12	V	54.95	73.98	19.03	PK
5350	36.07	4.12	V	40.19	53.98	13.79	AV

Band :	UNII 2C
Operation Mode:	802.11 n_HT20
Transfer MCS Index:	0
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	50.35	5.20	H	55.55	73.98	18.43	PK
5460	36.08	5.20	H	41.28	53.98	12.70	AV
5470	53.44	5.16	H	58.6	68.20	9.60	PK
5460	50.94	5.20	V	56.14	73.98	17.84	PK
5460	36.29	5.20	V	41.49	53.98	12.49	AV
5470	54.53	5.16	V	59.69	68.20	8.51	PK

Band :	UNII 1
Operation Mode:	802.11 ac_VHT20
Transfer MCS Index:	0
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	48.34	3.89	H	52.23	73.98	21.75	PK
5150	36.50	3.89	H	40.39	53.98	13.59	AV
5150	49.16	3.89	V	53.05	73.98	20.93	PK
5150	36.71	3.89	V	40.6	53.98	13.38	AV

Band :	UNII 2A
Operation Mode:	802.11 ac_VHT20
Transfer MCS Index:	0
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	49.15	4.12	H	53.27	73.98	20.71	PK
5350	36.05	4.12	H	40.17	53.98	13.81	AV
5350	49.48	4.12	V	53.6	73.98	20.38	PK
5350	36.21	4.12	V	40.33	53.98	13.65	AV

Band :	UNII 2C
Operation Mode:	802.11 ac_VHT20
Transfer MCS Index:	0
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.12	5.20	H	53.32	73.98	20.66	PK
5460	35.65	5.20	H	40.85	53.98	13.13	AV
5470	48.85	5.16	H	54.01	68.20	14.19	PK
5460	48.68	5.20	V	53.88	73.98	20.10	PK
5460	35.95	5.20	V	41.15	53.98	12.83	AV
5470	49.91	5.16	V	55.07	68.20	13.13	PK

Band :	UNII 1
Operation Mode:	802.11 n_HT40
Transfer MCS Index:	0
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	49.32	3.89	H	53.21	73.98	20.77	PK
5150	37.77	3.89	H	41.66	53.98	12.32	AV
5150	50.79	3.89	V	54.68	73.98	19.30	PK
5150	39.34	3.89	V	43.23	53.98	10.75	AV

Band :	UNII 2A
Operation Mode:	802.11 n_HT40
Transfer MCS Index:	0
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	48.65	4.12	H	52.77	73.98	21.21	PK
5350	37.12	4.12	H	41.24	53.98	12.74	AV
5350	49.28	4.12	V	53.4	73.98	20.58	PK
5350	37.63	4.12	V	41.75	53.98	12.23	AV

Band :	UNII 2C
Operation Mode:	802.11 n_HT40
Transfer MCS Index:	0
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	50.79	5.20	H	55.99	73.98	17.99	PK
5460	36.33	5.20	H	41.53	53.98	12.45	AV
5470	51.84	5.16	H	57	68.20	11.20	PK
5460	51.12	5.20	V	56.32	73.98	17.66	PK
5460	36.65	5.20	V	41.85	53.98	12.13	AV
5470	52.28	5.16	V	57.44	68.20	10.76	PK

Band :	UNII 1
Operation Mode:	802.11 ac_VHT40
Transfer MCS Index:	0
Operating Frequency	5190 MHz
Channel No.	38 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	48.91	3.89	H	52.80	73.98	21.18	PK
5150	37.85	3.89	H	41.74	53.98	12.24	AV
5150	49.57	3.89	V	53.46	73.98	20.52	PK
5150	38.10	3.89	V	41.99	53.98	11.99	AV

Band :	UNII 2A
Operation Mode:	802.11 ac_VHT40
Transfer MCS Index:	0
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	47.72	4.12	H	51.84	73.98	22.14	PK
5350	36.63	4.12	H	40.75	53.98	13.23	AV
5350	48.47	4.12	V	52.59	73.98	21.39	PK
5350	36.82	4.12	V	40.94	53.98	13.04	AV

Band :	UNII 2C
Operation Mode:	802.11 ac_VHT40
Transfer MCS Index:	0
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.59	5.20	H	53.79	73.98	20.19	PK
5460	36.45	5.20	H	41.65	53.98	12.33	AV
5470	50.11	5.16	H	55.27	68.20	12.93	PK
5460	49.19	5.20	V	54.39	73.98	19.59	PK
5460	36.68	5.20	V	41.88	53.98	12.10	AV
5470	50.62	5.16	V	55.78	68.20	12.42	PK

Band :	UNII 1
Operation Mode:	802.11 ac_VHT80
Transfer MCS Index:	0
Operating Frequency	5210 MHz
Channel No.	42 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	48.82	3.89	H	52.71	73.98	21.27	PK
5150	39.60	3.89	H	43.49	53.98	10.49	AV
5150	49.24	3.89	V	53.13	73.98	20.85	PK
5150	39.78	3.89	V	43.67	53.98	10.31	AV

Band :	UNII 2A
Operation Mode:	802.11 ac_VHT80
Transfer MCS Index:	0
Operating Frequency	5290 MHz
Channel No.	58 Ch

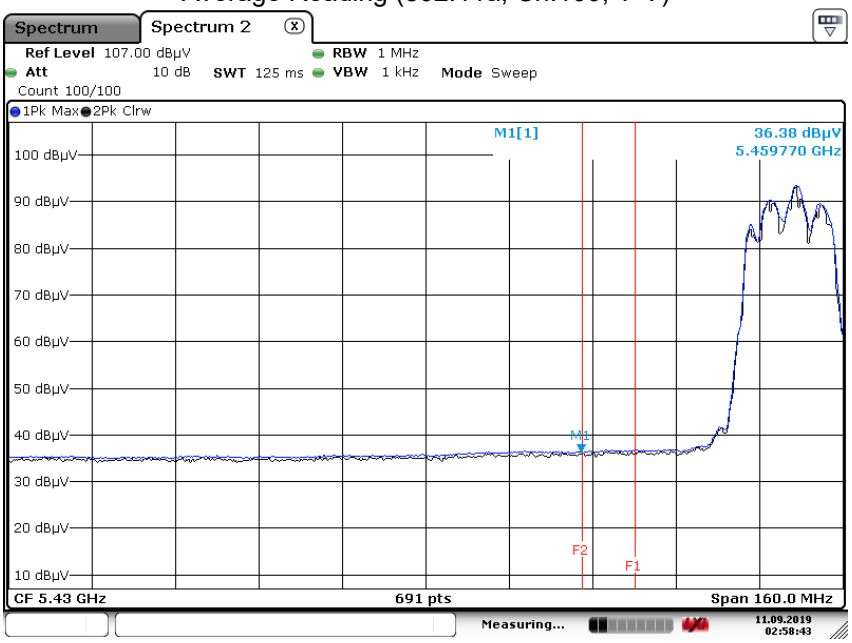
Frequency [MHz]	Reading dBuV	AN.+CL-AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	49.07	4.12	H	53.19	73.98	20.79	PK
5350	37.33	4.12	H	41.45	53.98	12.53	AV
5350	49.45	4.12	V	53.57	73.98	20.41	PK
5350	37.73	4.12	V	41.85	53.98	12.13	AV

Band :	UNII 2C
Operation Mode:	802.11 ac_VHT80
Transfer MCS Index:	0
Operating Frequency	5530 MHz
Channel No.	106 Ch

Frequency [MHz]	Reading DBuV	AN.+CL-AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	48.55	5.20	H	53.75	73.98	20.23	PK
5460	38.25	5.20	H	43.45	53.98	10.53	AV
5470	50.87	5.16	H	56.03	68.20	12.17	PK
5460	49.07	5.20	V	54.27	73.98	19.71	PK
5460	38.42	5.20	V	43.62	53.98	10.36	AV
5470	51.80	5.16	V	56.96	68.20	11.24	PK

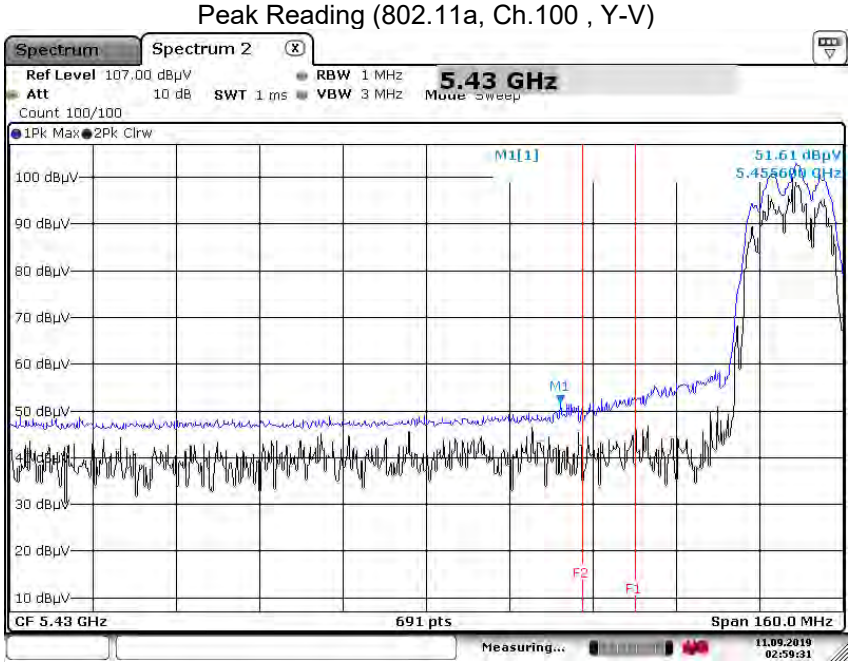
▣ Test Plots(UNII 1, 2A, 2C)

Average Reading (802.11a, Ch.100, Y-V)



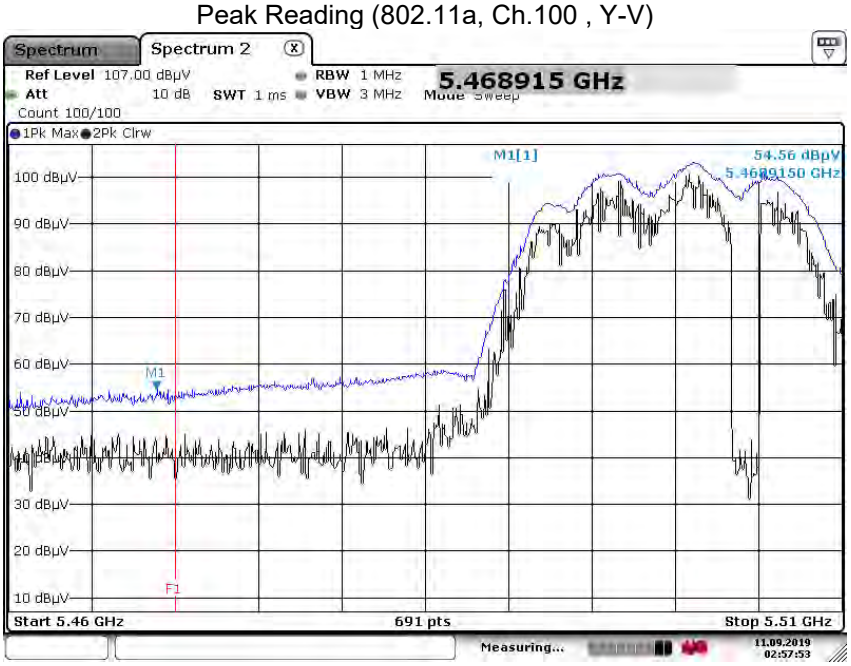
Date: 11.SEP.2019 02:58:43

Peak Reading (802.11a, Ch.100 , Y-V)



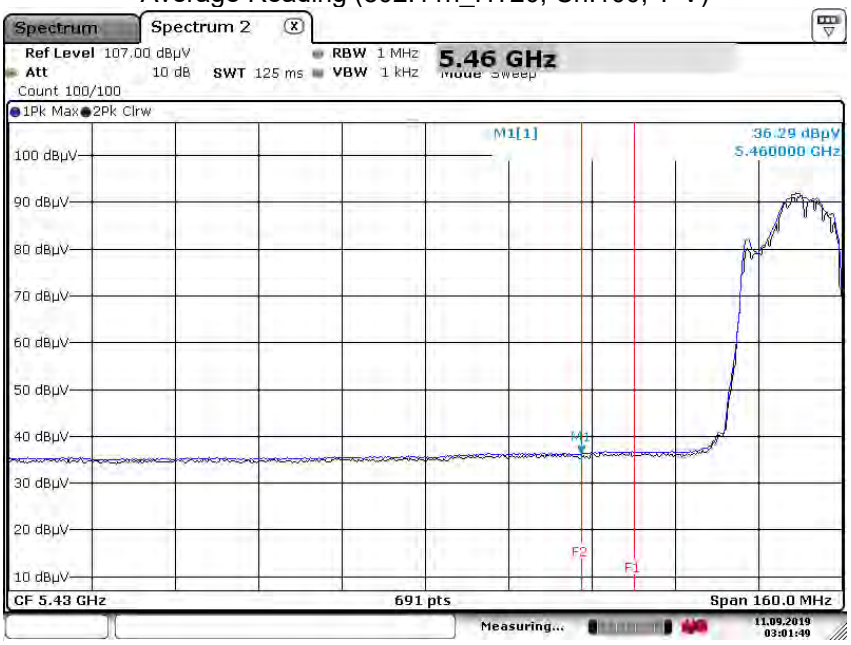
Date: 11.SEP.2019 02:59:31

Peak Reading (802.11a, Ch.100 , Y-V)



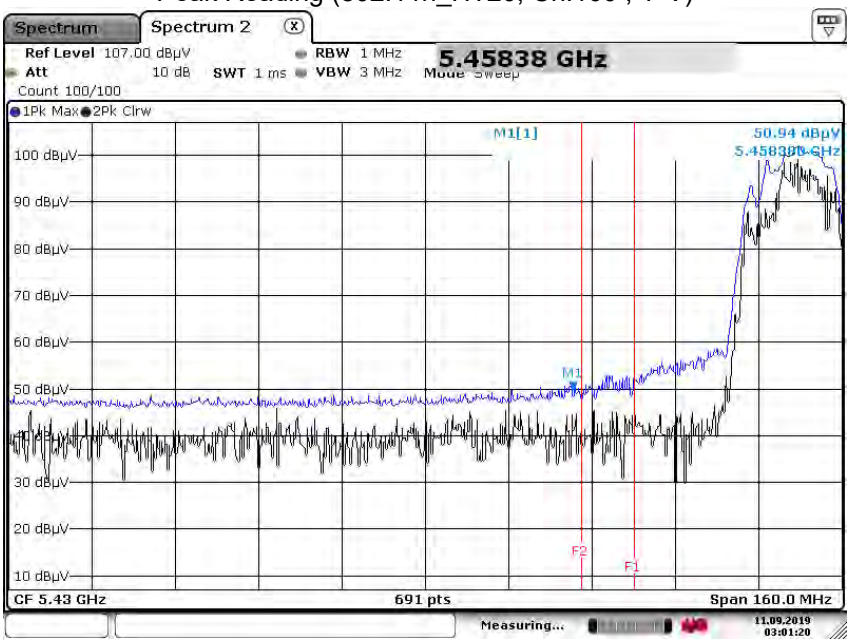
Date: 11.SEP.2019 02:57:53

Average Reading (802.11n_HT20, Ch.100, Y-V)



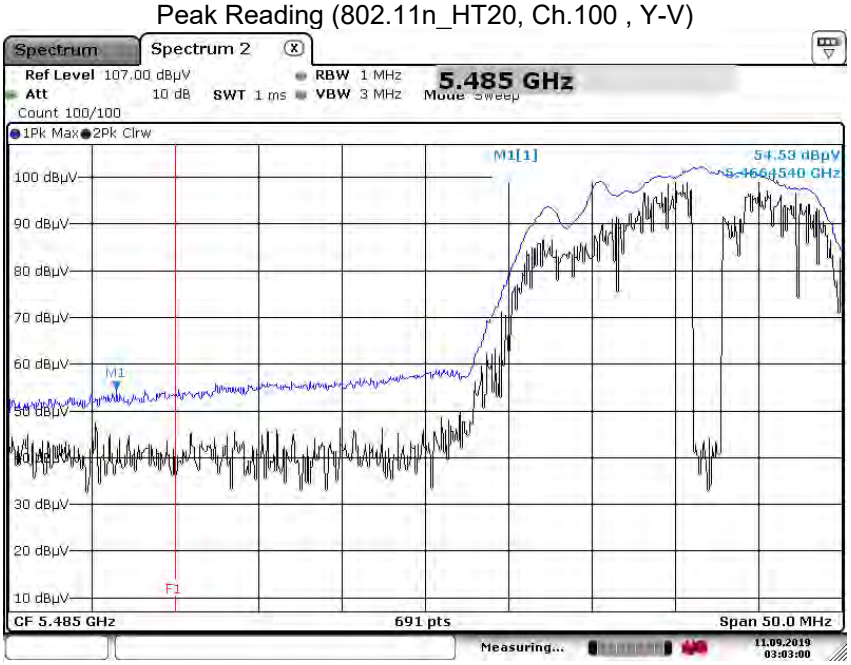
Date: 11.SEP.2019 03:01:49

Peak Reading (802.11n_HT20, Ch.100 , Y-V)



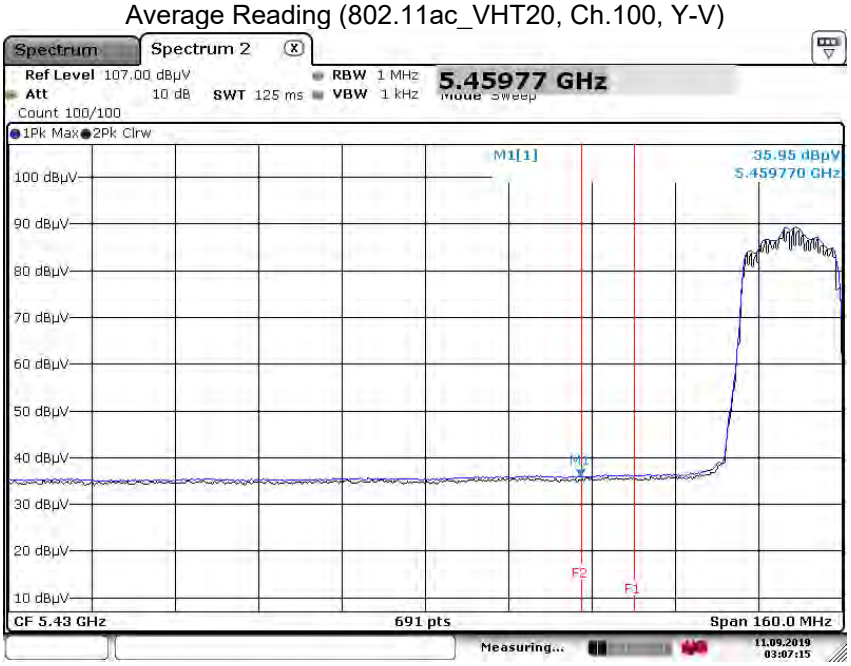
Date: 11.SEP.2019 03:01:20

Peak Reading (802.11n_HT20, Ch.100 , Y-V)



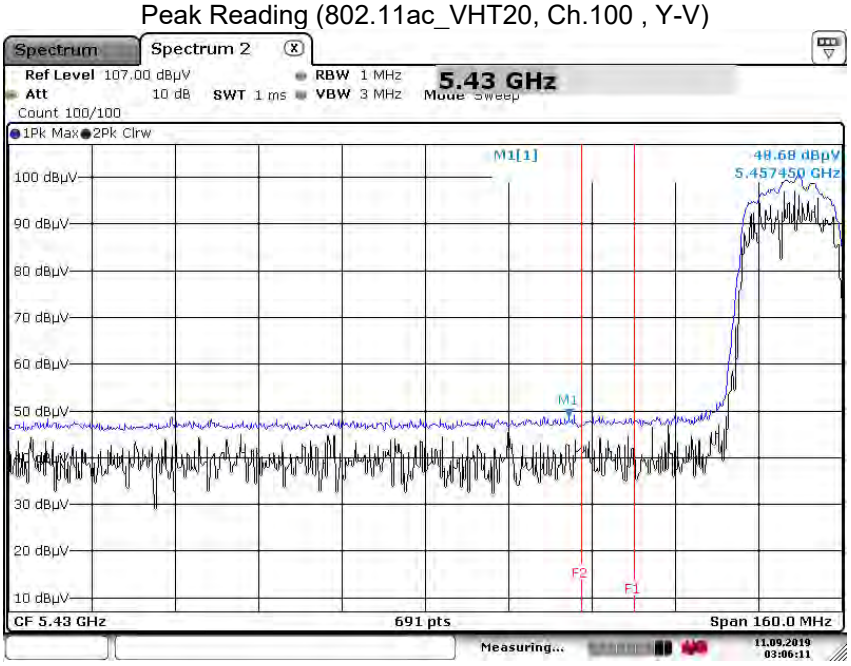
Date: 11.SEP.2019 03:03:00

Average Reading (802.11ac_VHT20, Ch.100, Y-V)



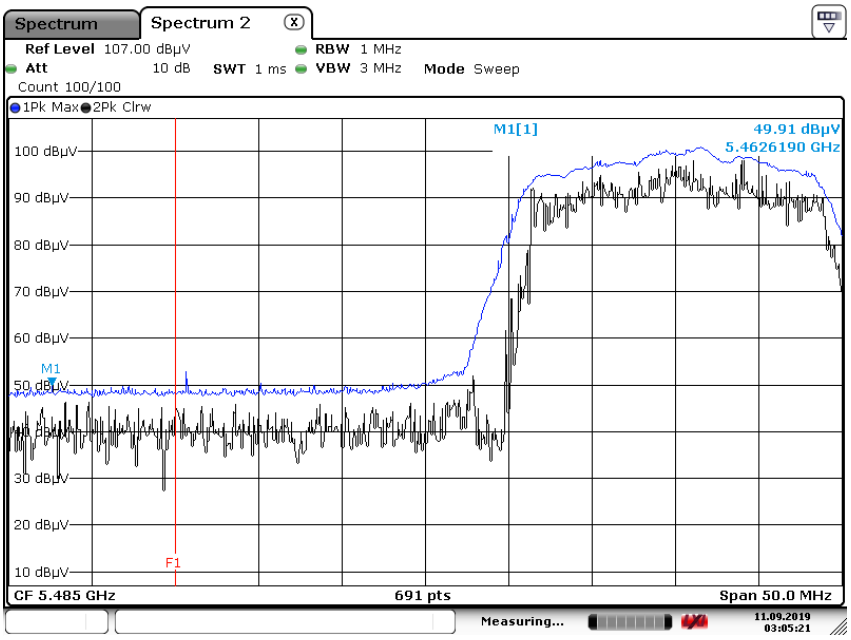
Date: 11.SEP.2019 03:07:15

Peak Reading (802.11ac_VHT20, Ch.100 , Y-V)



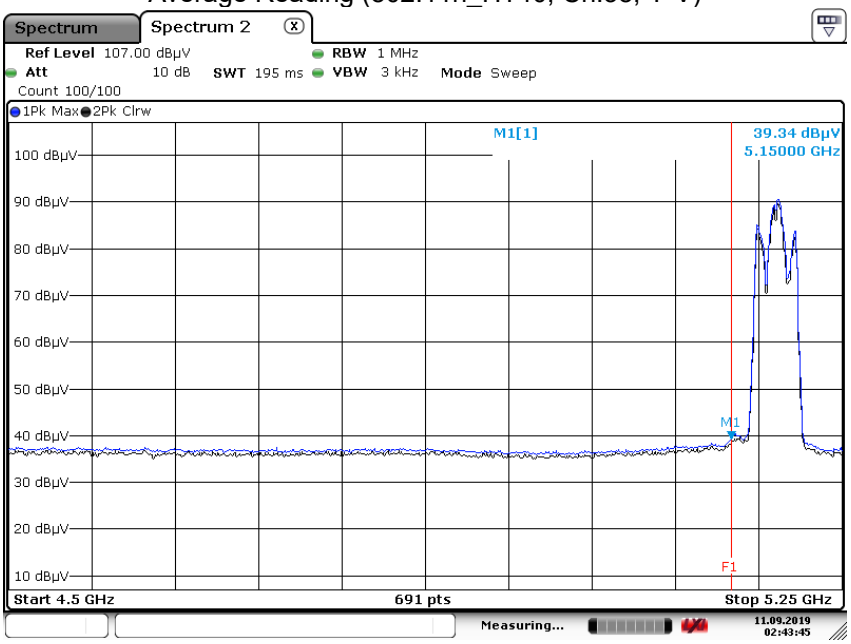
Date: 11.SEP.2019 03:06:11

Peak Reading (802.11ac_VHT20, Ch.100 , Y-V)



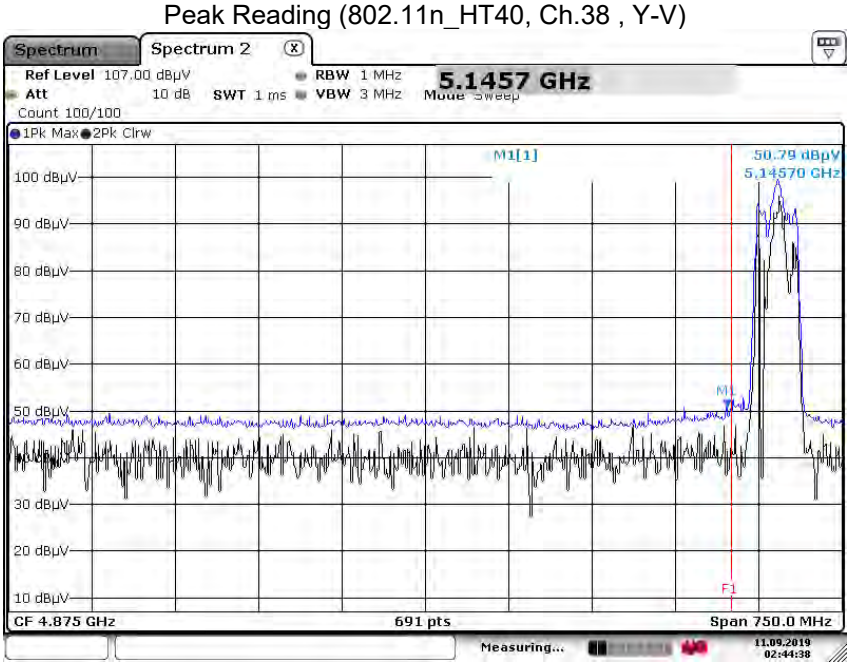
Date: 11.SEP.2019 03:05:21

Average Reading (802.11n_HT40, Ch.38, Y-V)



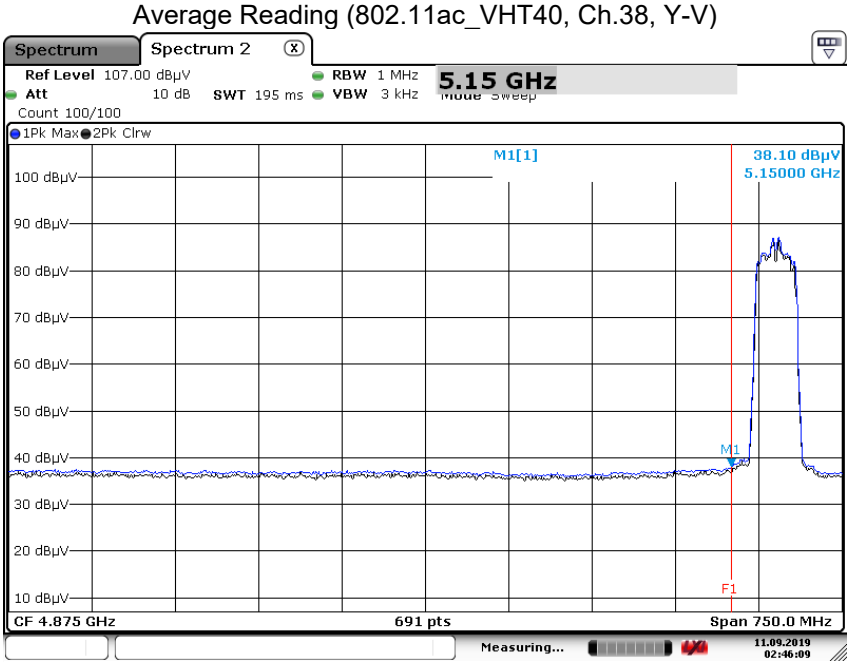
Date: 11.SEP.2019 02:43:45

Peak Reading (802.11n_HT40, Ch.38 , Y-V)



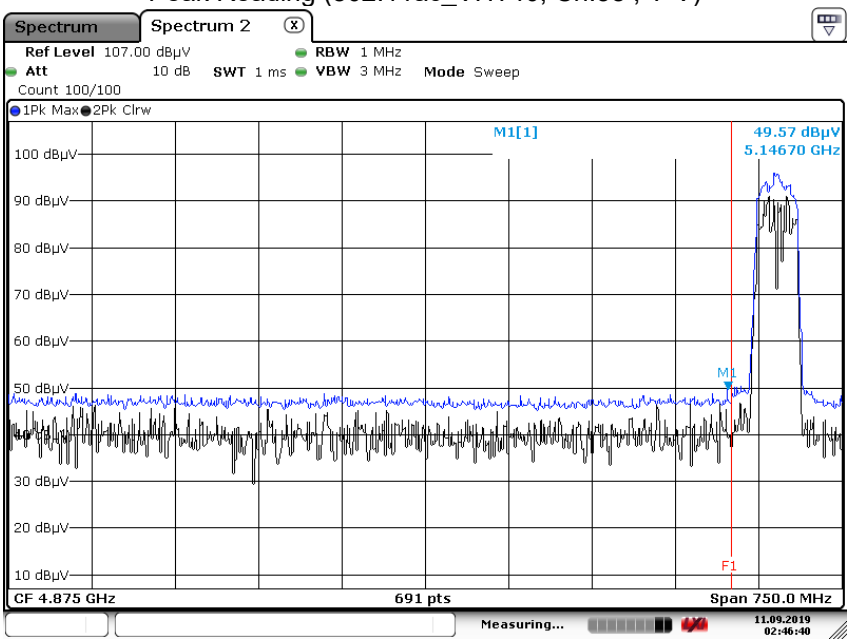
Date: 11.SEP.2019 02:44:38

Average Reading (802.11ac_VHT40, Ch.38, Y-V)



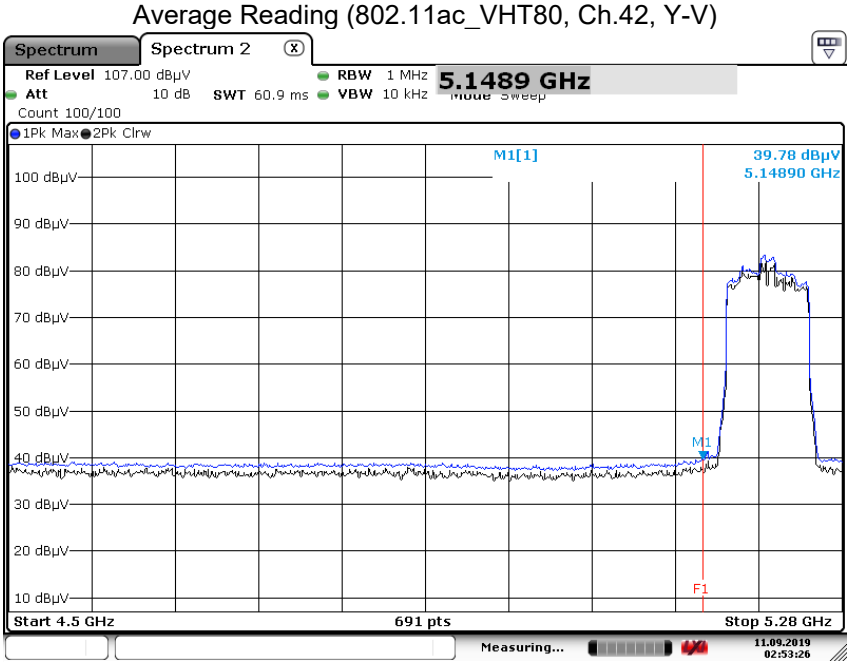
Date: 11.SEP.2019 02:46:09

Peak Reading (802.11ac_VHT40, Ch.38 , Y-V)



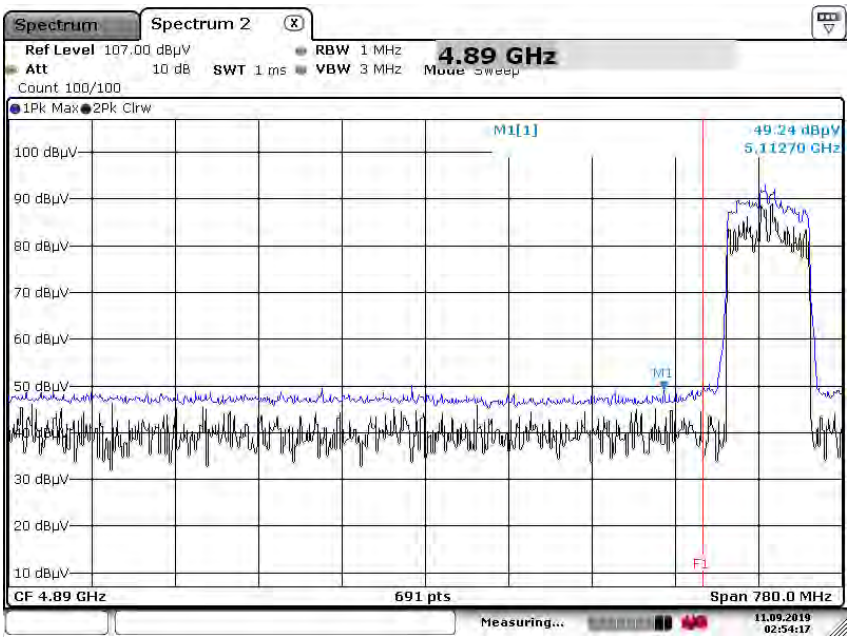
Date: 11.SEP.2019 02:46:40

Average Reading (802.11ac_VHT80, Ch.42, Y-V)



Date: 11.SEP.2019 02:53:26

Peak Reading (802.11ac_VHT80, Ch.42 , Y-V)



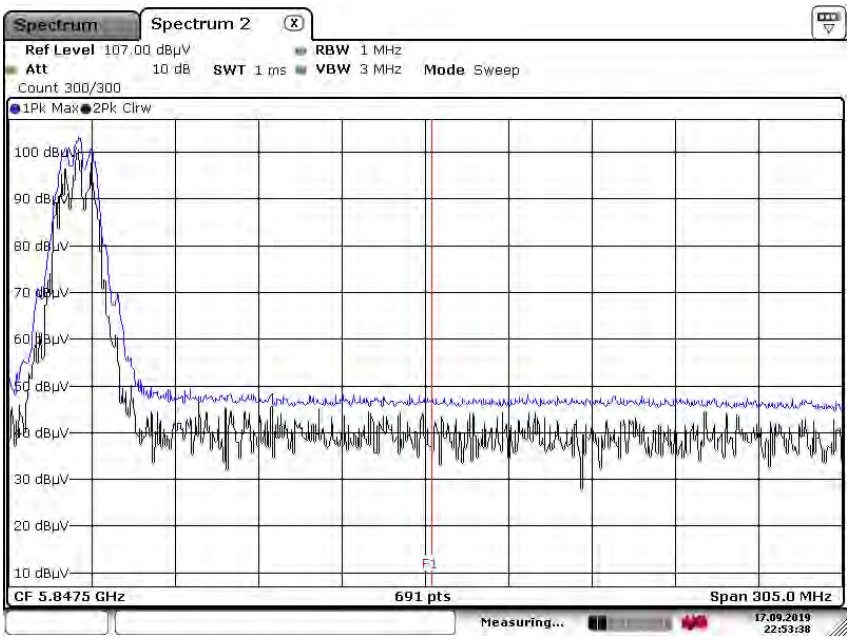
Date: 11.SEP.2019 02:54:17

Note:

Only the worst case plots for Radiated Restricted Band Edge.

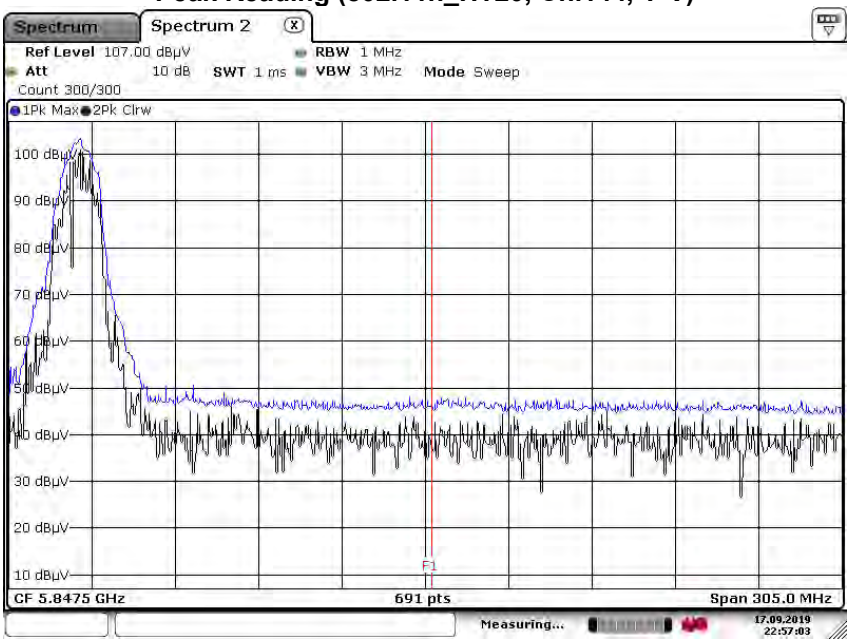
▣ Test Plots(Staraddle Channel)

Peak Reading (802.11a, Ch.144, Y-V)



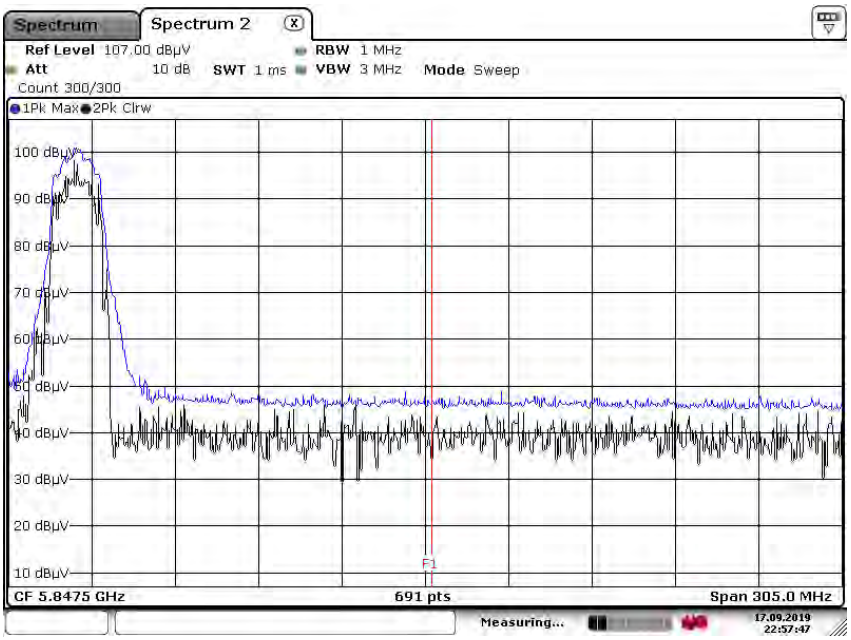
Date: 17.SEP.2019 22:53:38

Peak Reading (802.11n_HT20, Ch.144, Y-V)



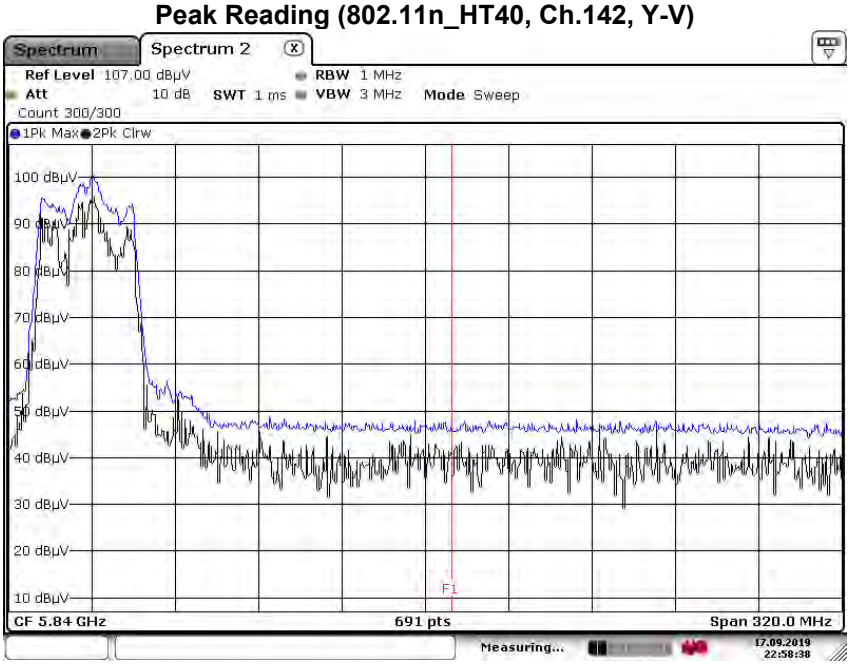
Date: 17.SEP.2019 22:57:04

Peak Reading (802.11ac_VHT20, Ch.144, Y-V)



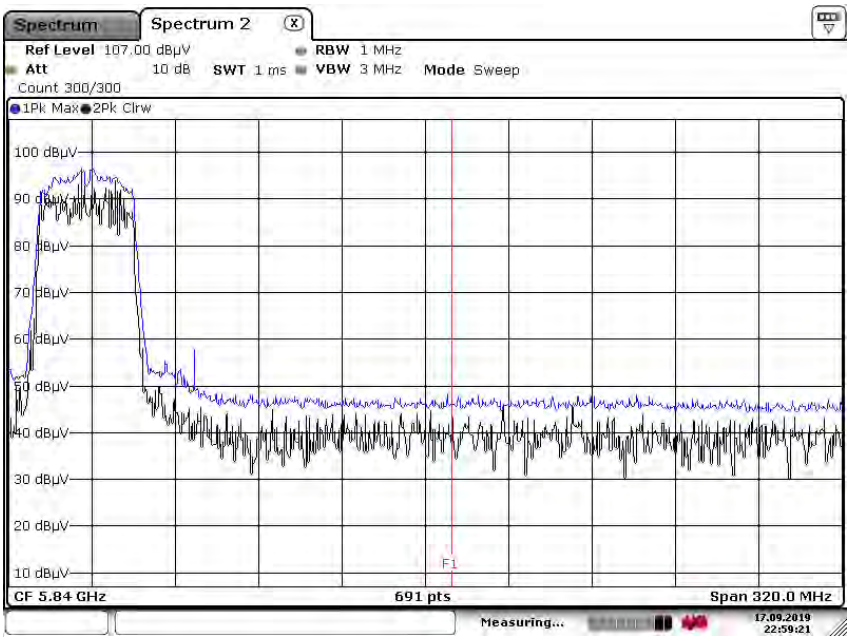
Date: 17.SEP.2019 22:57:47

Peak Reading (802.11n_HT40, Ch.142, Y-V)



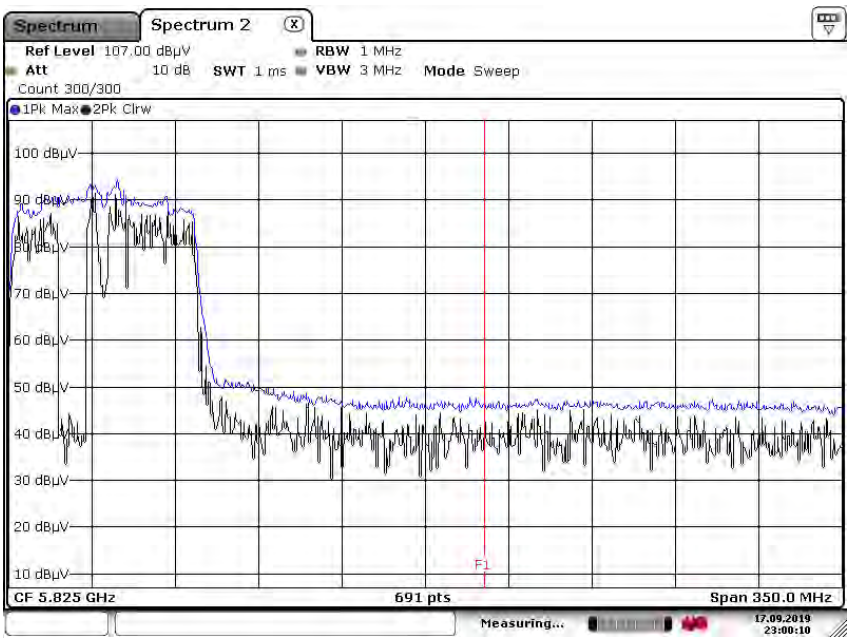
Date: 17.SEP.2019 22:58:38

Peak Reading (802.11ac_VHT40, Ch.142, Y-V)



Date: 17.SEP.2019 22:59:22

Peak Reading (802.11ac_VHT80), Ch.138, Y-V)



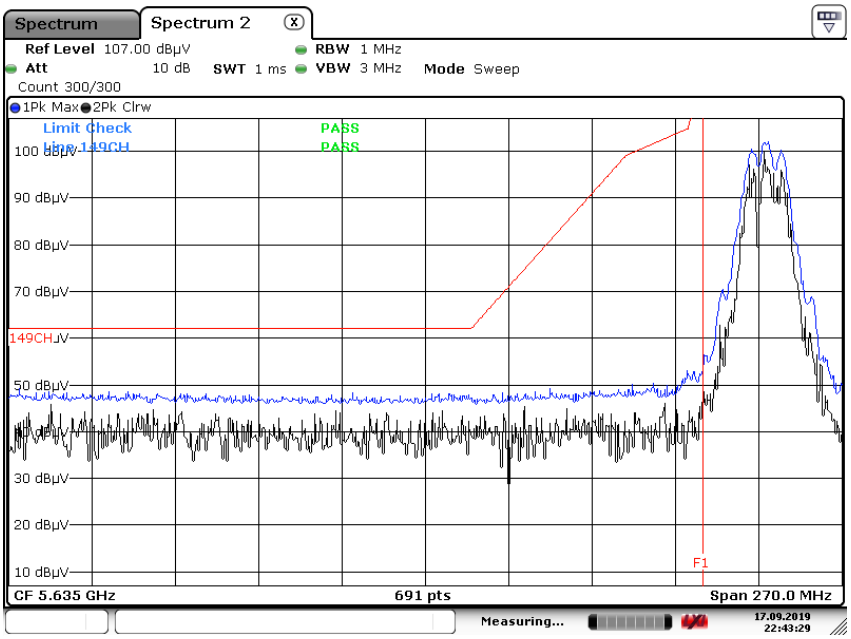
Date: 17.SEP.2019 23:00:11

Note :

1. Only the worst case plots for Radiated Restricted Band Edge.
2. Red line : 5 850 MHz
3. Ambient Noise (Because of ambient noise, We attached only the worst plot without a data table)

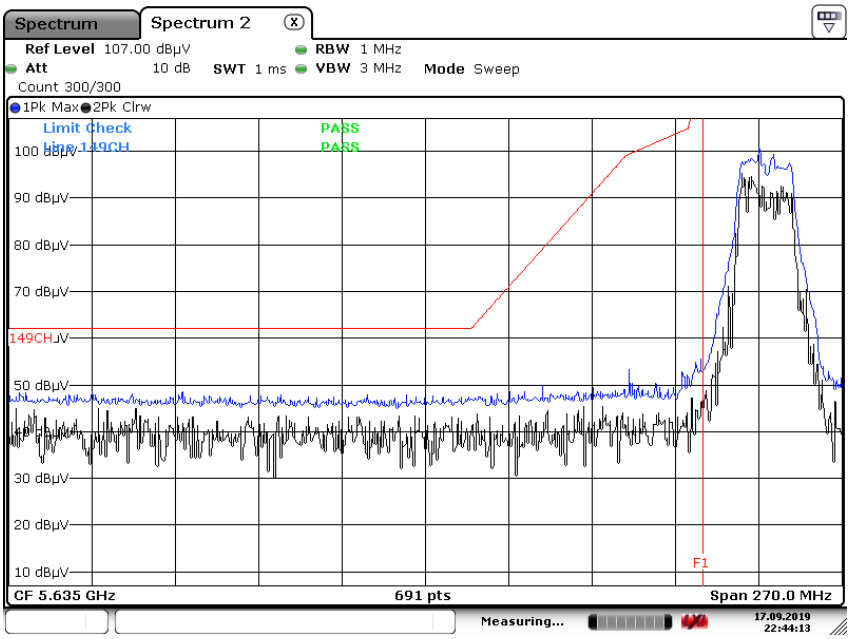
▣ Test Plots(UNII 3)

Peak Reading (802.11a, Ch.149, Y-V)



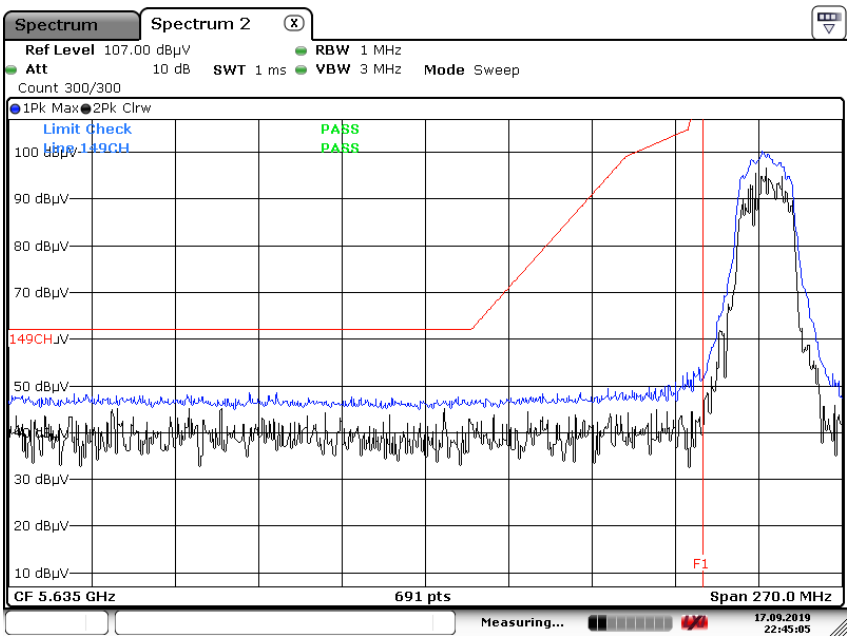
Date: 17.SEP.2019 22:43:29

Peak Reading (802.11n_HT20, Ch.149, Y-V)



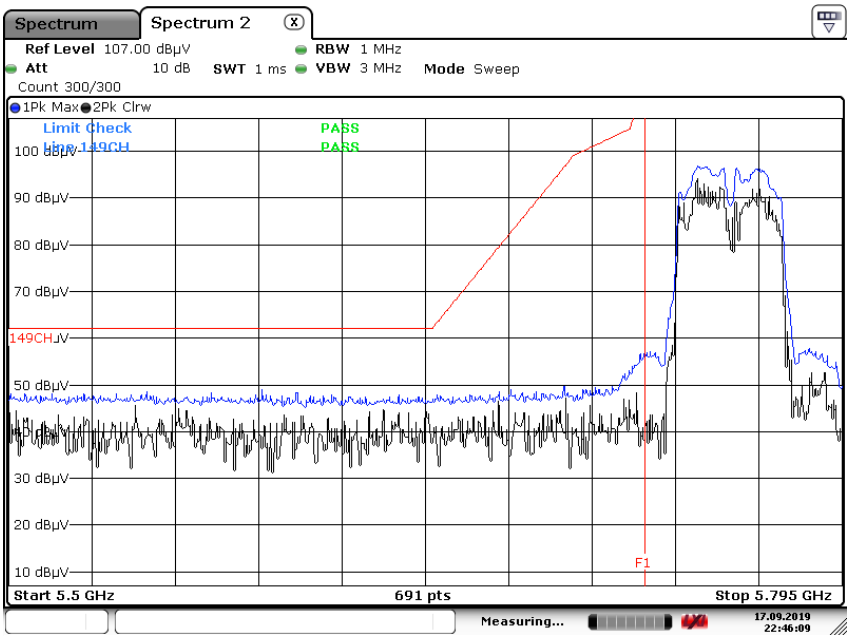
Date: 17.SEP.2019 22:44:14

Peak Reading (802.11ac_VHT20, Ch.149, Y-V)



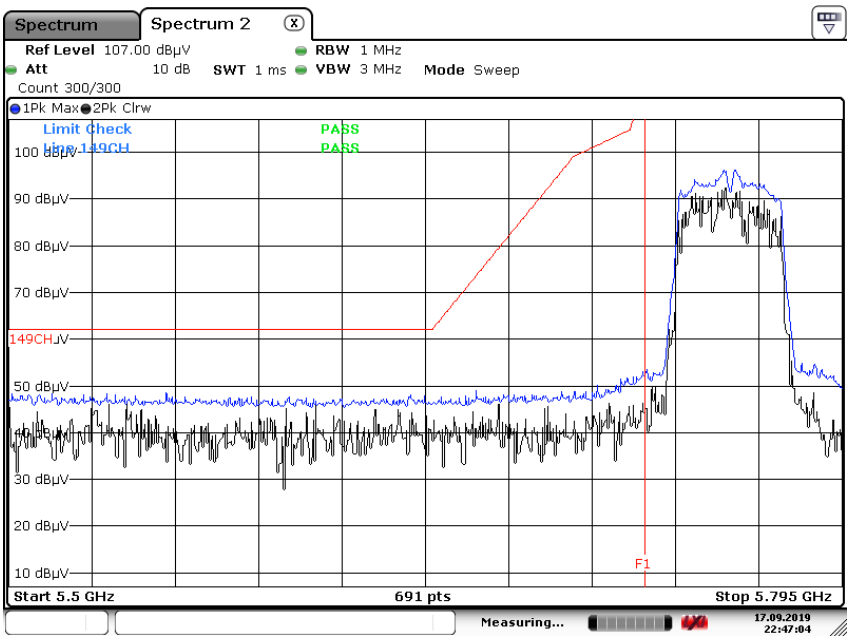
Date: 17.SEP.2019 22:45:06

Peak Reading (802.11n_HT40, Ch.151, Y-V)



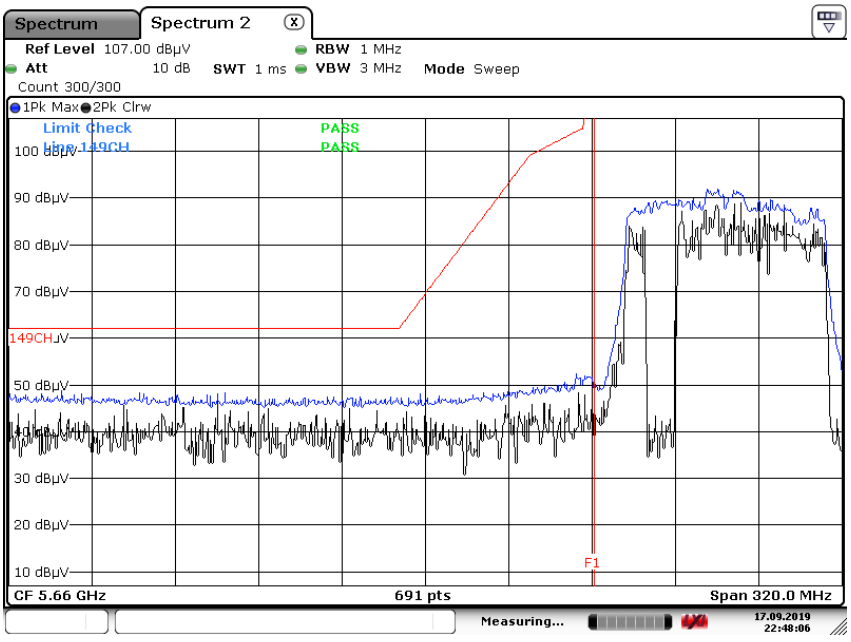
Date: 17.SEP.2019 22:46:09

Peak Reading (802.11ac_VHT40, Ch.151, Y-V)



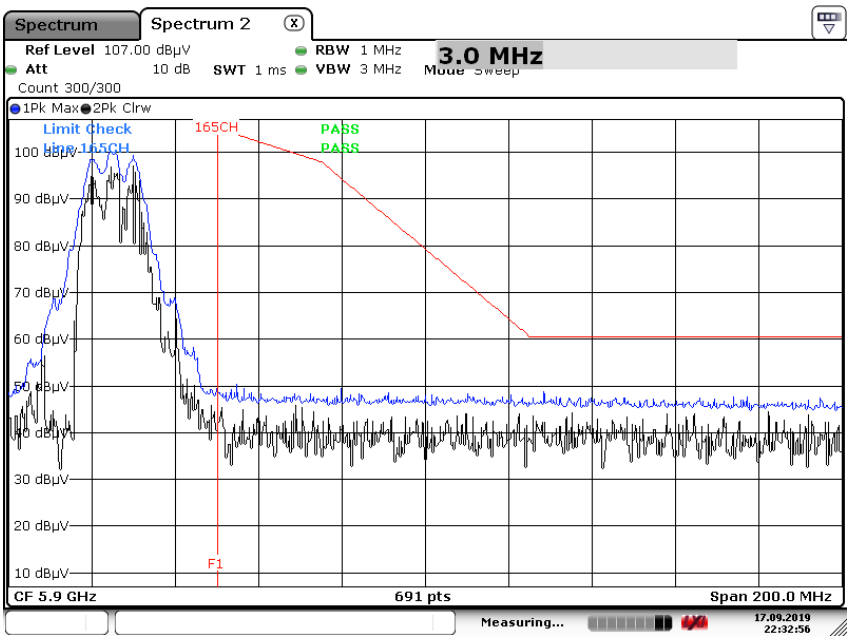
Date: 17.SEP.2019 22:47:04

Peak Reading (802.11ac_VHT80, Ch.155, Y-V)



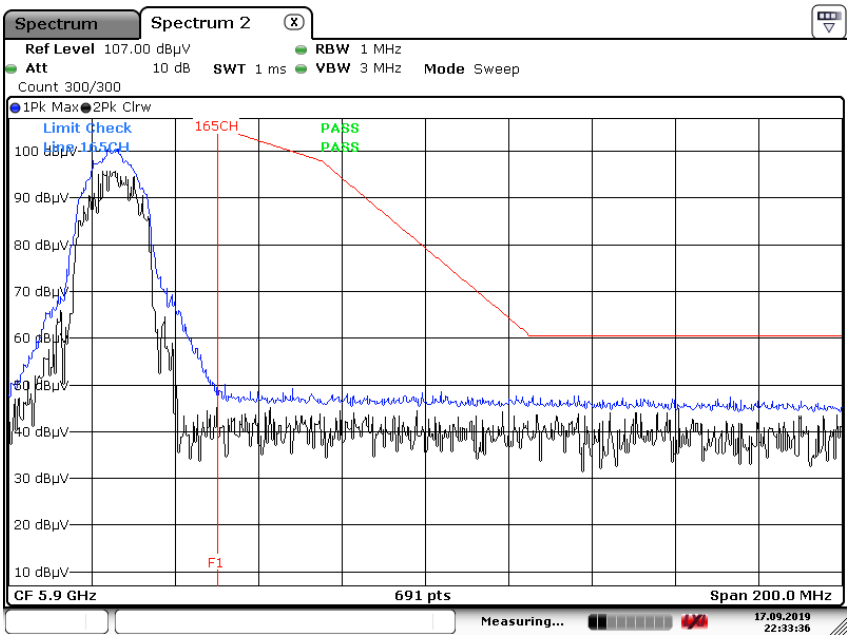
Date: 17.SEP.2019 22:48:06

Peak Reading (802.11a, Ch.165, Y-V)



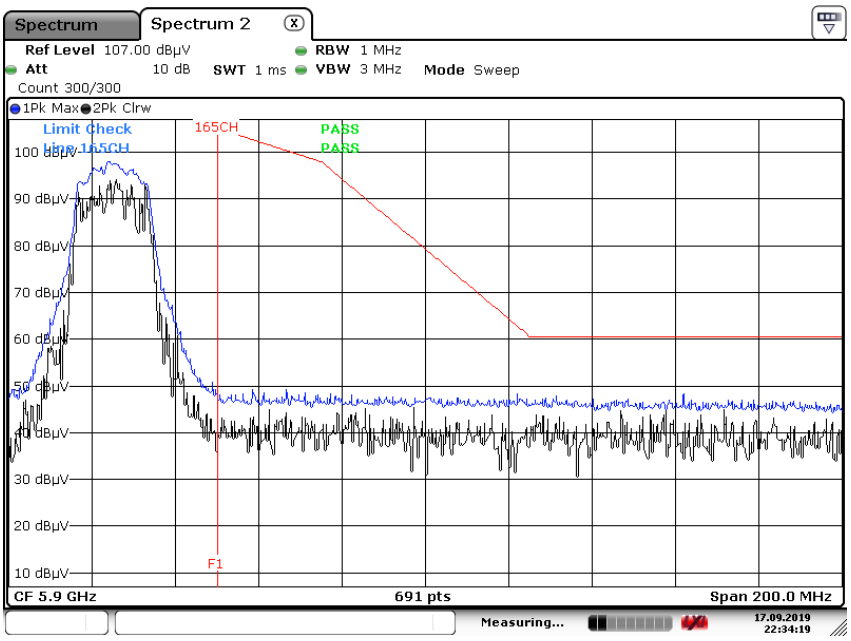
Date: 17.SEP.2019 22:32:56

Peak Reading (802.11n_HT20, Ch.165, Y-V)



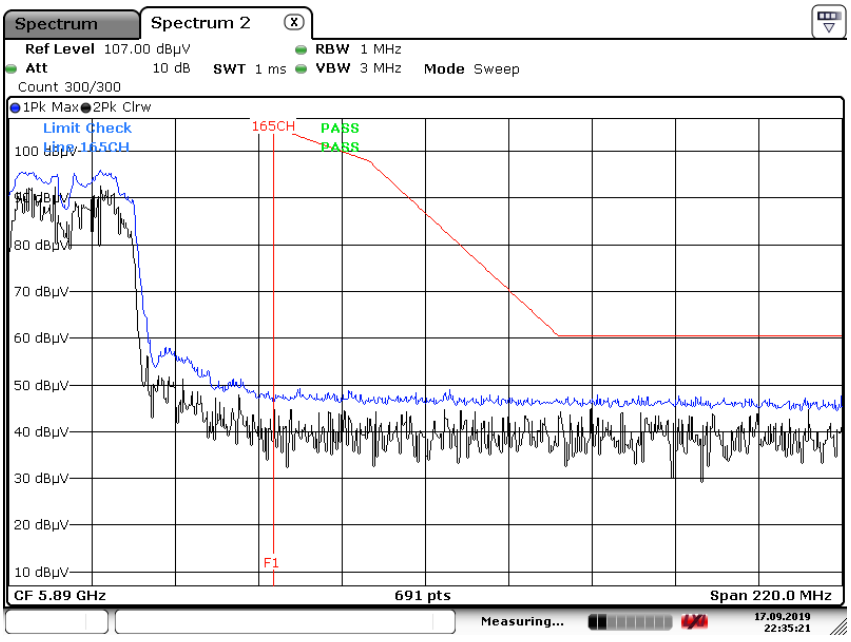
Date: 17.SEP.2019 22:33:37

Peak Reading (802.11ac_VHT20, Ch.165, Y-V)



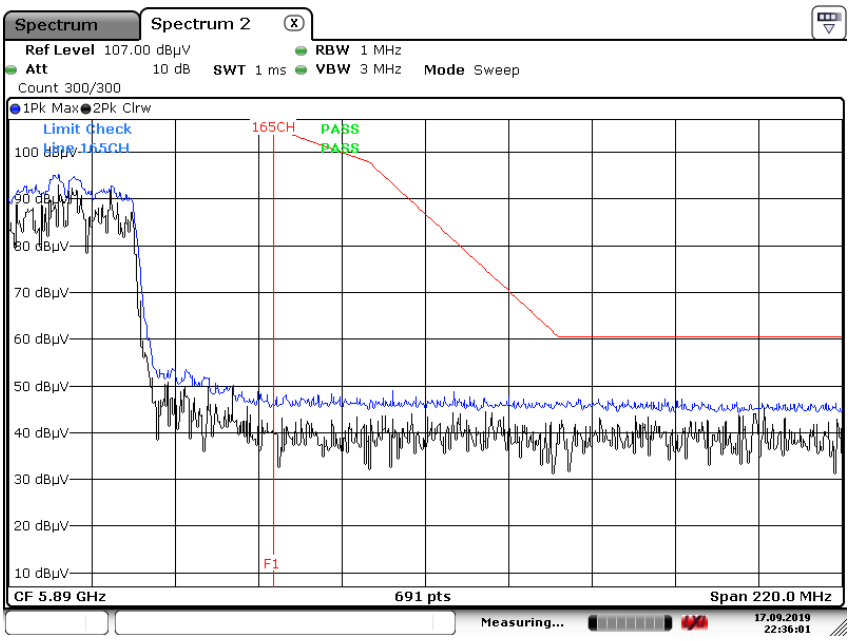
Date: 17.SEP.2019 22:34:19

Peak Reading (802.11n_HT40, Ch.159, Y-V)



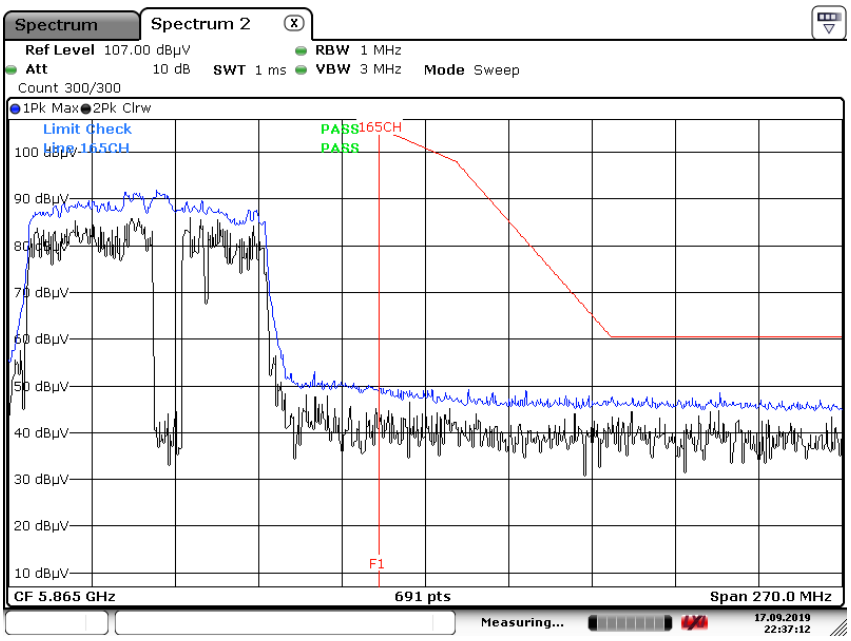
Date: 17.SEP.2019 22:35:21

Peak Reading (802.11ac_VHT40, Ch.159, Y-V)



Date: 17.SEP.2019 22:36:01

Peak Reading (802.11ac_VHT80, Ch.155, Y-V)



Date: 17.SEP.2019 22:37:12

10.10 POWERLINE CONDUCTED EMISSIONS

Conducted Emissions (Line 1)

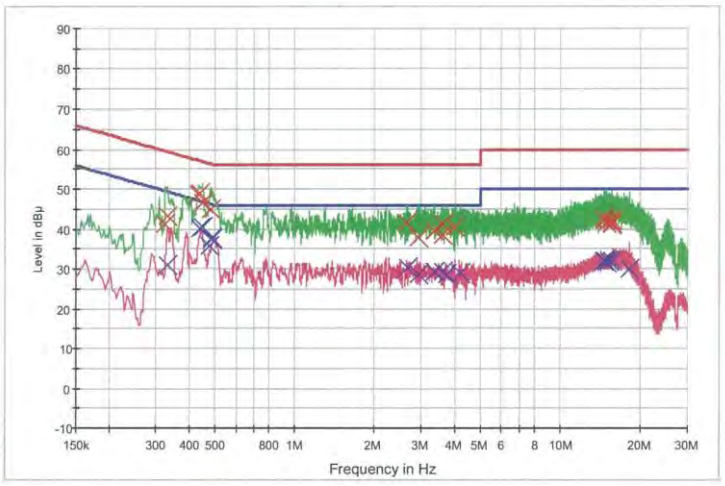
5G WLAN MODE L1 1 / 2

HCT TEST Report

Common Information

EUT:	SM-W767U
Manufacturer:	SAMSUNG
Test Site:	SHIELD ROOM
Operating Conditions:	5G WLAN MODE L1

FCC CLASS B_Exten Cable



Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.326000	41.2	9.000	Off	L1	9.8	18.4	59.6
0.334000	43.3	9.000	Off	L1	9.8	16.0	59.4
0.436000	48.6	9.000	Off	L1	9.8	8.5	57.1
0.440000	49.1	9.000	Off	L1	9.8	8.0	57.1
0.450000	46.5	9.000	Off	L1	9.8	10.4	56.9
0.482000	45.0	9.000	Off	L1	9.8	11.3	56.3
2.646000	41.4	9.000	Off	L1	9.9	14.6	56.0
2.928000	37.8	9.000	Off	L1	9.9	18.2	56.0
3.354000	39.4	9.000	Off	L1	9.9	16.6	56.0
3.614000	41.3	9.000	Off	L1	9.9	14.7	56.0
3.622000	38.6	9.000	Off	L1	9.9	17.4	56.0
4.006000	40.5	9.000	Off	L1	9.9	15.5	56.0
14.526000	42.6	9.000	Off	L1	10.5	17.4	60.0
14.740000	42.3	9.000	Off	L1	10.5	17.7	60.0
14.786000	41.5	9.000	Off	L1	10.5	18.5	60.0
15.582000	42.1	9.000	Off	L1	10.5	17.9	60.0
15.646000	41.7	9.000	Off	L1	10.5	18.3	60.0
15.658000	41.1	9.000	Off	L1	10.5	18.9	60.0

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5G WLAN MODE L1 2 / 2

Final Result 2

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.332000	31.2	9.000	Off	L1	9.8	18.2	49.4
0.440000	40.2	9.000	Off	L1	9.8	6.8	47.1
0.448000	40.5	9.000	Off	L1	9.8	6.4	46.9
0.480000	35.7	9.000	Off	L1	9.8	10.6	46.3
0.486000	37.4	9.000	Off	L1	9.8	8.8	46.2
0.490000	37.9	9.000	Off	L1	9.8	8.3	46.2
2.654000	30.4	9.000	Off	L1	9.9	15.6	46.0
2.928000	28.7	9.000	Off	L1	9.9	17.3	46.0
3.354000	29.4	9.000	Off	L1	9.9	16.6	46.0
3.614000	29.3	9.000	Off	L1	9.9	16.7	46.0
3.722000	28.5	9.000	Off	L1	9.9	17.5	46.0
4.188000	29.0	9.000	Off	L1	10.0	17.0	46.0
14.526000	32.0	9.000	Off	L1	10.5	18.0	50.0
14.740000	32.0	9.000	Off	L1	10.5	18.0	50.0
14.786000	31.6	9.000	Off	L1	10.5	18.4	50.0
15.188000	32.1	9.000	Off	L1	10.5	17.9	50.0
15.646000	32.1	9.000	Off	L1	10.5	17.9	50.0
18.118000	29.9	9.000	Off	L1	10.6	20.1	50.0

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Conducted Emissions (Line 2)

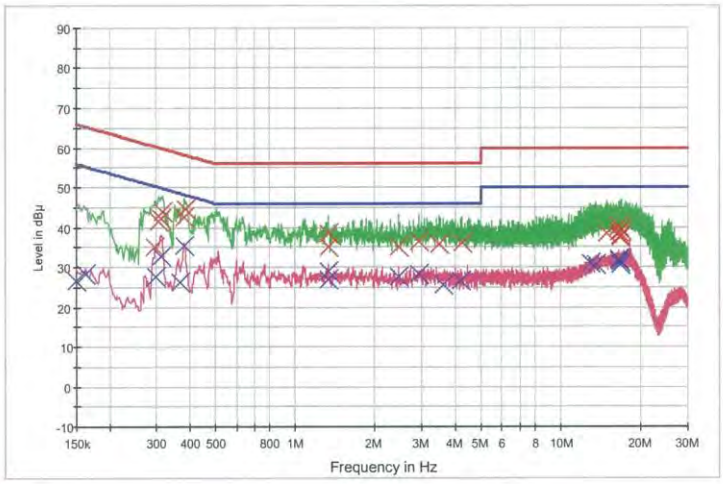
5G WLAN MODE N 1 / 2

HCT TEST Report

Common Information

EUT:	SM-W767U
Manufacturer:	SAMSUNG
Test Site:	SHIELD ROOM
Operating Conditions:	5G WLAN MODE N

FCC CLASS B_Exten Cable



FCC CLASS B_QP
Preview Result 2-AVG
FCC CLASS B_ AV
Final Result 1-QPK
Preview Result 1-PK+
Final Result 2-CAV

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.296000	35.2	9.000	Off	N	9.8	25.1	60.4
0.306000	41.6	9.000	Off	N	9.8	18.5	60.1
0.314000	42.1	9.000	Off	N	9.8	17.7	59.9
0.318000	43.8	9.000	Off	N	9.8	15.9	59.8
0.384000	42.7	9.000	Off	N	9.8	15.5	58.2
0.388000	44.4	9.000	Off	N	9.8	13.7	58.1
1.334000	38.4	9.000	Off	N	9.9	17.6	56.0
1.338000	35.2	9.000	Off	N	9.9	20.8	56.0
2.464000	35.1	9.000	Off	N	9.9	20.9	56.0
2.920000	36.4	9.000	Off	N	9.9	19.6	56.0
3.496000	35.7	9.000	Off	N	9.9	20.3	56.0
4.264000	36.3	9.000	Off	N	10.0	19.7	56.0
14.840000	38.5	9.000	Off	N	10.6	21.5	60.0
16.516000	40.2	9.000	Off	N	10.6	19.8	60.0
16.588000	38.8	9.000	Off	N	10.6	21.2	60.0
16.720000	37.7	9.000	Off	N	10.7	22.3	60.0
16.778000	37.4	9.000	Off	N	10.7	22.6	60.0
16.842000	39.1	9.000	Off	N	10.7	20.9	60.0

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5G WLAN MODE N 2 / 2

Final Result 2

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	26.5	9.000	Off	N	9.8	29.5	56.0
0.162000	28.4	9.000	Off	N	9.8	26.9	55.4
0.300000	27.5	9.000	Off	N	9.8	22.7	50.2
0.314000	32.8	9.000	Off	N	9.8	17.1	49.9
0.368000	26.4	9.000	Off	N	9.8	22.1	48.5
0.384000	35.6	9.000	Off	N	9.8	12.6	48.2
1.334000	28.9	9.000	Off	N	9.9	17.1	46.0
1.338000	27.0	9.000	Off	N	9.9	19.0	46.0
2.464000	27.7	9.000	Off	N	9.9	18.3	46.0
2.920000	28.4	9.000	Off	N	9.9	17.6	46.0
3.626000	25.8	9.000	Off	N	9.9	20.2	46.0
4.192000	26.8	9.000	Off	N	10.0	19.2	46.0
12.908000	30.9	9.000	Off	N	10.5	19.1	50.0
13.520000	30.8	9.000	Off	N	10.5	19.2	50.0
16.516000	32.2	9.000	Off	N	10.6	17.8	50.0
16.588000	31.8	9.000	Off	N	10.6	18.2	50.0
16.720000	31.3	9.000	Off	N	10.7	18.7	50.0
16.778000	30.8	9.000	Off	N	10.7	19.2	50.0

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11. LIST OF TEST EQUIPMENT

Conducted Test

Manufacturer	Model / Equipment	Calibration Date	Calibration Interval	Serial No.
Rohde & Schwarz	ENV216 / LISN	12/12/2018	Annual	102245
Rohde & Schwarz	ESCI / Test Receiver	06/18/2019	Annual	100033
ESPAC	SU-642 /Temperature Chamber	03/12/2019	Annual	0093008124
Agilent	N9020A / Signal Analyzer	05/23/2019	Annual	MY51110085
Agilent	N9030A / Signal Analyzer	01/10/2019	Annual	MY49431210
Rohde & Schwarz	OSP 120 / Power Measurement Set	07/24/2019	Annual	101231
Agilent	N1911A / Power Meter	04/10/2019	Annual	MY45100523
Agilent	N1921A / Power Sensor	04/10/2019	Annual	MY52260025
Agilent	87300B / Directional Coupler	11/20/2018	Annual	3116A03621
Hewlett Packard	11667B / Power Splitter	05/24/2019	Annual	05001
Hewlett Packard	E3632A / DC Power Supply	06/18/2019	Annual	KR75303960
Agilent	8493C / Attenuator(10 dB)	07/02/2019	Annual	07560
Rohde & Schwarz	EMC32 / Software	N/A	N/A	N/A
HCT CO., LTD.	FCC WLAN&BT&BLE Conducted Test Software v3.0	N/A	N/A	N/A

Note:

1. Equipment listed above that calibrated during the testing period was set for test after the calibration.
2. Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.

Radiated Test

Manufacturer	Model / Equipment	Calibration Date	Calibration Interval	Serial No.
Innco system	CO3000 / Controller(Antenna mast)	N/A	N/A	CO3000-4p
Innco system	MA4640/800-XP-EP / Antenna Position Tower	N/A	N/A	N/A
Audix	EM1000 / Controller	N/A	N/A	060520
Audix	Turn Table	N/A	N/A	N/A
Rohde & Schwarz	Loop Antenna	08/23/2018	Biennial	1513-175
Schwarzbeck	VULB 9168 / Hybrid Antenna	03/22/2019	Biennial	760
Schwarzbeck	VULB 9160 / TRILOG Antenna	08/09/2018	Biennial	9160-3368
Schwarzbeck	BBHA 9120D / Horn Antenna	04/29/2019	Biennial	9120D-937
Schwarzbeck	BBHA9170 / Horn Antenna(15 GHz ~ 40 GHz)	12/04/2017	Biennial	BBHA9170541
Rohde & Schwarz	FSP(9 kHz ~ 30 GHz) / Spectrum Analyzer	05/09/2019	Annual	100854
Rohde & Schwarz	FSV40-N / Spectrum Analyzer	07/31/2019	Annual	102168
Agilent	N9020A / Signal Analyzer	05/23/2019	Annual	MY51110085
Wainwright Instruments	WHK3.0/18G-10EF / High Pass Filter	05/23/2019	Annual	8
Wainwright Instruments	WHKX7.0/18G-8SS / High Pass Filter	05/03/2019	Annual	29
Wainwright Instruments	WRCJV2400/2483.5-2370/2520-60/12SS / Band Reject Filter	06/19/2019	Annual	2
Wainwright Instruments	WRCJV5100/5850-40/50-8EEK / Band Reject Filter	01/03/2019	Annual	2
Api tech.	18B-03 / Attenuator (3 dB)	06/04/2019	Annual	1
Agilent	8493C-10 / Attenuator(10 dB)	07/15/2019	Annual	08285
CERNEX	CBLU1183540 / Power Amplifier	07/01/2019	Annual	22964
CERNEX	CBL06185030 / Power Amplifier	07/01/2019	Annual	22965
CERNEX	CBL18265035 / Power Amplifier	01/03/2019	Annual	22966
CERNEX	CBL26405040 / Power Amplifier	06/18/2019	Annual	25956

Note:

1. Equipment listed above that calibrated during the testing period was set for test after the calibration.
2. Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.

12. ANNEX A_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

No.	Description
1	HCT-RF-1909-FC014-P