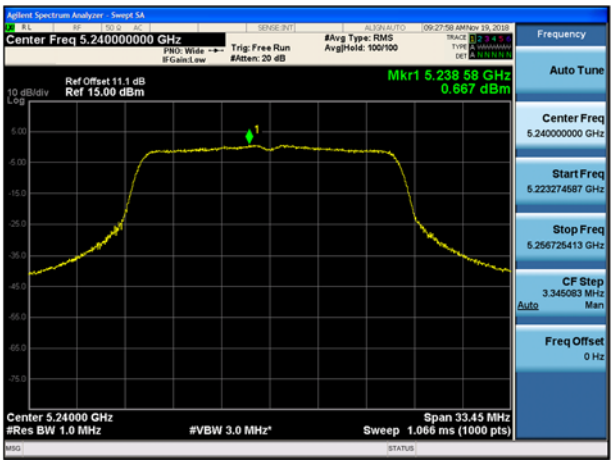
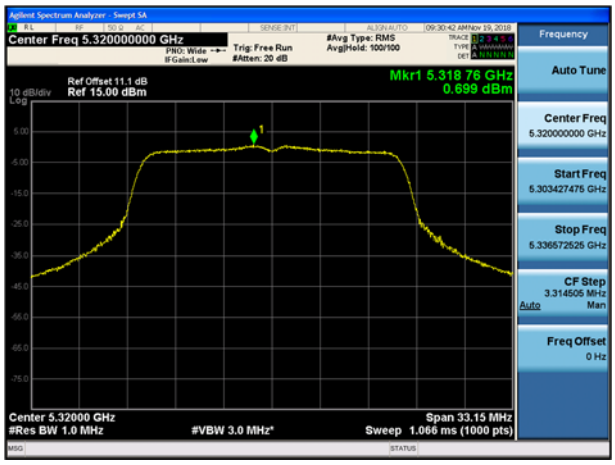
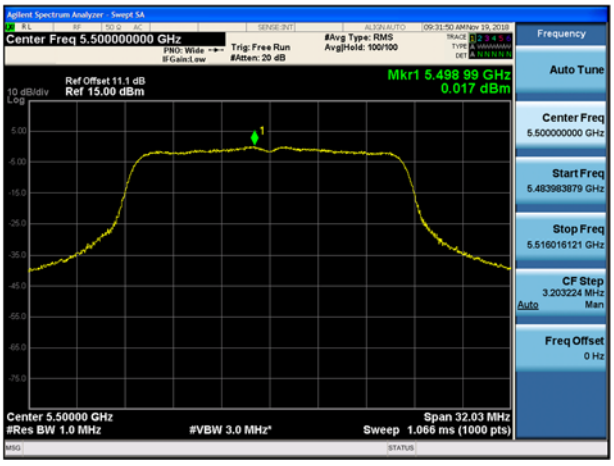
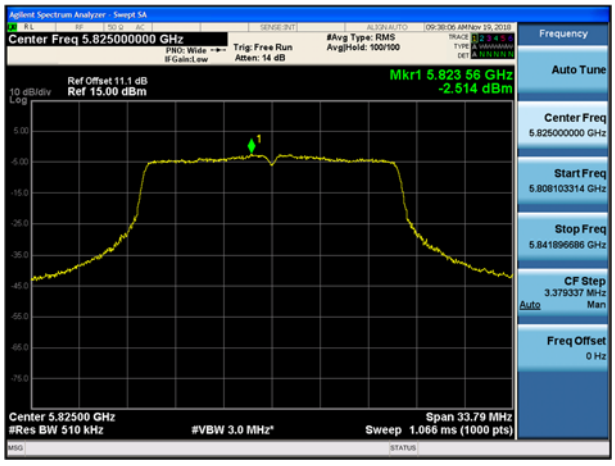
[Ant1]

▣ Test Plots(802.11ac(VHT20))

Note:

In order to simplify the report, attached plots were only channel of highest power.

UNII 1 (Ch. 48)	UNII 2A (Ch. 64)
	

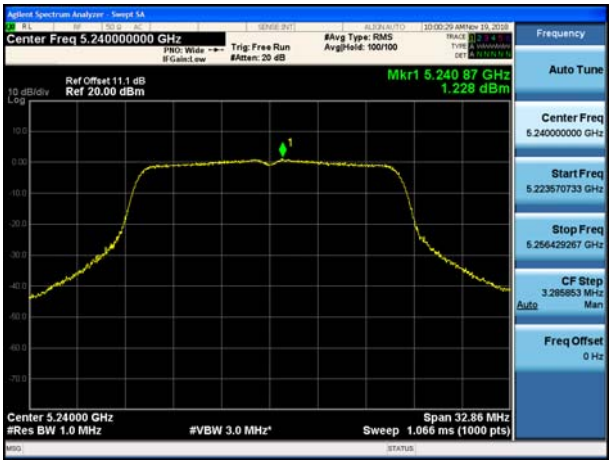
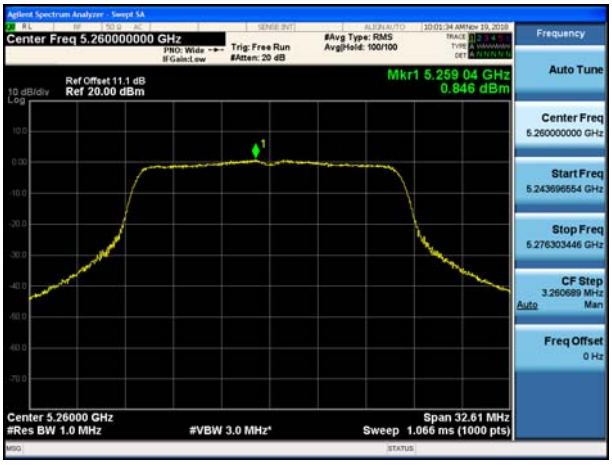
UNII 2C (Ch. 100)	UNII 3 (Ch. 165)
	

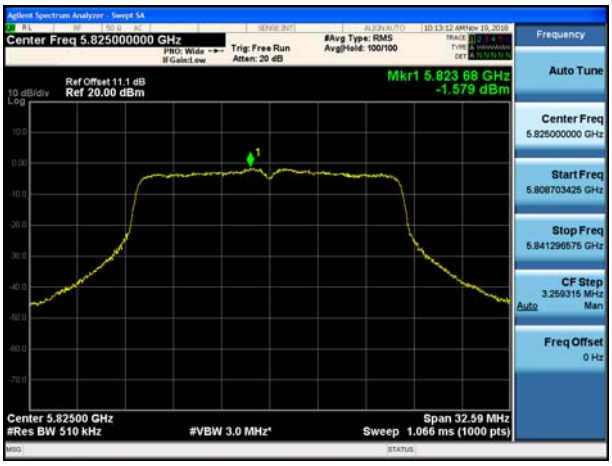
[Ant2]

▣ Test Plots(802.11ac(VHT20))

Note:

In order to simplify the report, attached plots were only channel of highest power.

UNII 1 (Ch. 48)	UNII 2A (Ch. 52)
	

UNII 2C (Ch. 144)	UNII 3 (Ch. 165)
	

[Ant1]

802.11ac(VHT40) Mode		Measured Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.				
5190	38	-4.205	0.231	-3.974	11
5230	46	-2.665	0.580	-2.085	11
5270	54	-2.921	0.580	-2.341	11
5310	62	-3.262	0.580	-2.682	11
5510	102	-5.282	0.231	-5.051	11
5590	118	-3.865	0.580	-3.285	11
5710	142	-3.680	0.417	-3.263	11
5755	151	-6.188	0.580	-5.608	30
5795	159	-5.763	0.231	-5.532	30

[Ant2]

802.11ac(VHT40) Mode		Measured Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.				
5190	38	-4.012	0.221	-3.791	11
5230	46	-3.167	0.411	-2.756	11
5270	54	-3.658	0.221	-3.437	11
5310	62	-3.614	0.221	-3.393	11
5510	102	-5.895	0.569	-5.326	11
5590	118	-4.179	0.569	-3.610	11
5710	142	-3.563	0.411	-3.152	11
5755	151	-6.241	0.569	-5.672	30
5795	159	-5.958	0.221	-5.737	30

▣ Sum Data of Ant.1 and Ant.2

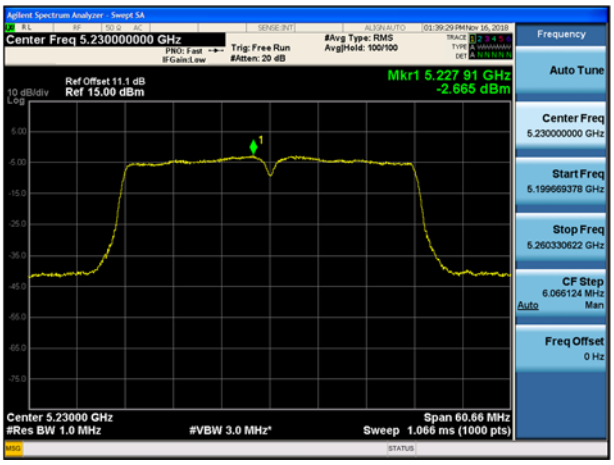
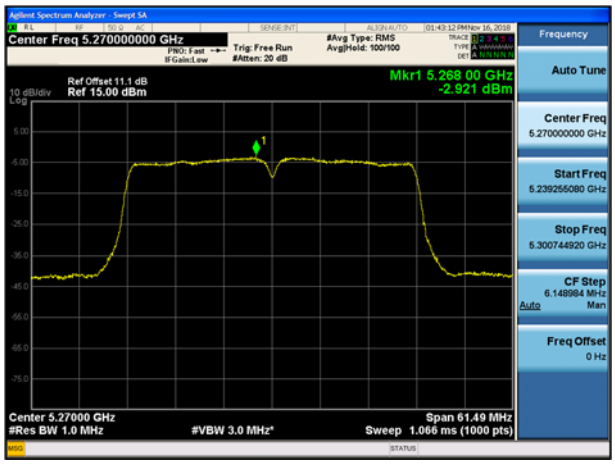
Frequency (MHz)	Channel No.	Mode	[Ant1] Total PSD(dBm)	[Ant2] Total PSD(dBm)	[MIMO] Total PSD(dBm)	Limit (dBm)
5190	38	802.11ac 40MHz BW	-3.974	-3.791	-0.87	11
5230	46		-2.085	-2.756	0.60	11
5270	54	802.11ac 40MHz BW	-2.341	-3.437	0.16	11
5310	62		-2.682	-3.393	-0.01	11
5510	102	802.11ac 40MHz BW	-5.051	-5.326	-2.18	11
5590	118		-3.285	-3.610	-0.43	11
5710	142		-3.263	-3.152	-0.20	11
5755	151	802.11ac 40MHz BW	-5.608	-5.672	-2.63	30
5795	159		-5.532	-5.737	-2.62	30

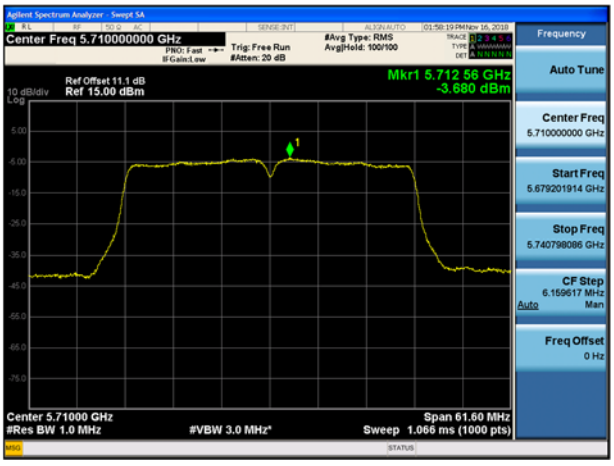
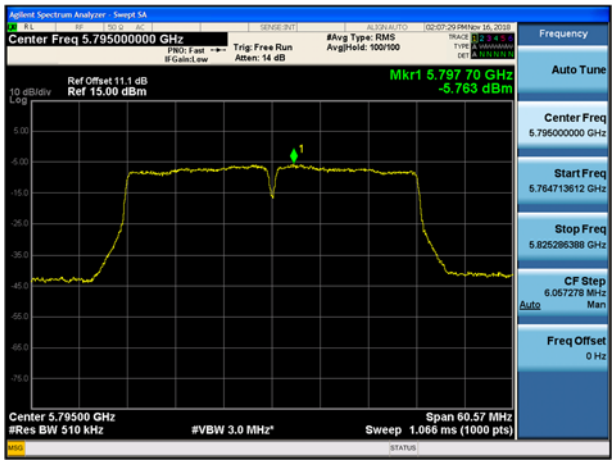
[Ant1]

▣ Test Plots(802.11ac(VHT40))

Note:

In order to simplify the report, attached plots were only channel of highest power.

UNII 1 (Ch. 46)	UNII 2A (Ch. 54)
	

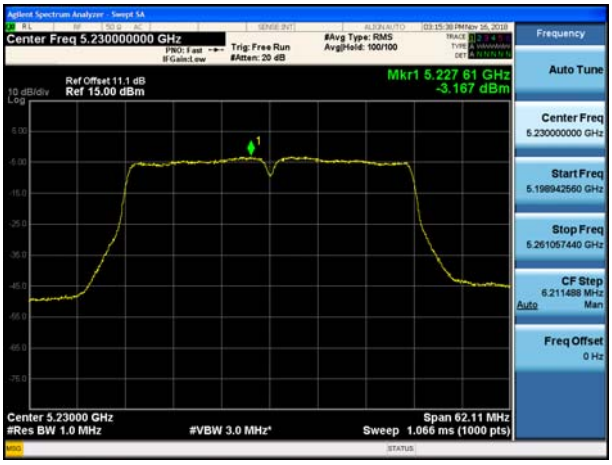
UNII 2C (Ch. 142)	UNII 3 (Ch. 159)
	

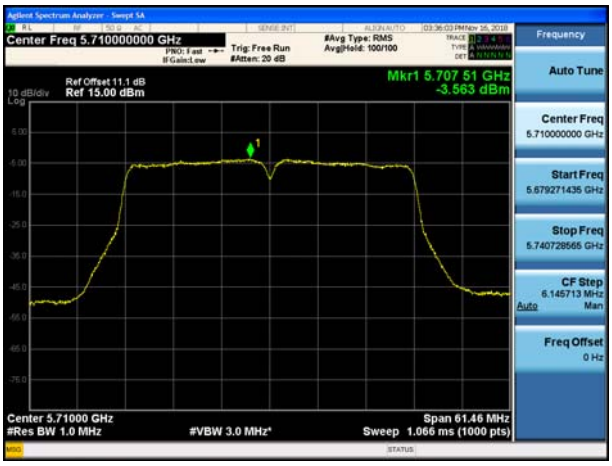
[Ant2]

▣ Test Plots(802.11ac(VHT40))

Note:

In order to simplify the report, attached plots were only channel of highest power.

UNII 1 (Ch. 46)	UNII 2A (Ch. 62)
	

UNII 2C (Ch. 142)	UNII 3 (Ch. 151)
	

[Ant1]

802.11ac(VHT80) Mode		Measured Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.				
5210	42	-8.711	0.992	-7.719	11
5290	58	-6.217	0.992	-5.225	11
5530	106	-8.769	0.992	-7.777	11
5610	122	-7.346	0.992	-6.354	11
5690	138	-6.720	0.992	-5.728	11
5775	155	-9.746	0.992	-8.754	30

[Ant2]

802.11ac(VHT80) Mode		Measured Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)
Frequency [MHz]	Channel No.				
5210	42	-8.780	0.981	-7.799	11
5290	58	-7.914	1.845	-6.069	11
5530	106	-8.875	0.981	-7.894	11
5610	122	-8.186	1.938	-6.248	11
5690	138	-6.543	0.981	-5.562	11
5775	155	-9.789	1.659	-8.130	30

▣ Sum Data of Ant.1 and Ant.2

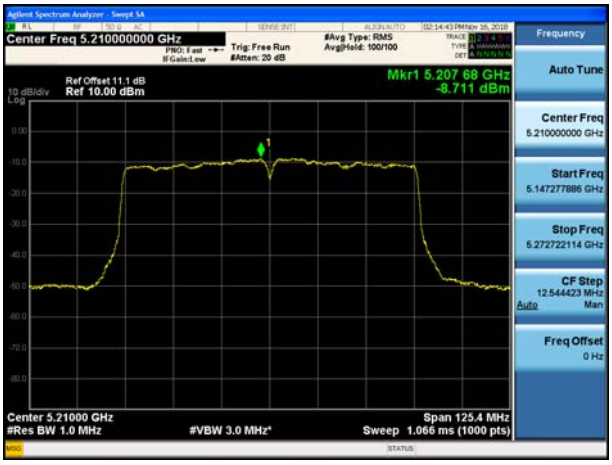
Frequency (MHz)	Channel No.	Mode	[Ant1] Total PSD(dBm)	[Ant2] Total PSD(dBm)	[MIMO] Total PSD(dBm)	Limit (dBm)
5210	42	802.11ac 80MHz BW	-7.719	-7.799	-4.75	11
5290	58	802.11ac 80MHz BW	-5.225	-6.069	-2.62	11
5530	106	802.11ac 80MHz BW	-7.777	-7.894	-4.82	11
5610	122	802.11ac 80MHz BW	-6.354	-6.248	-3.29	11
5690	138	802.11ac 80MHz BW	-5.728	-5.562	-2.63	11
5775	155	802.11ac 80MHz BW	-8.754	-8.130	-5.42	30

[Ant1]

▣ Test Plots(802.11ac(VHT80))

Note:

In order to simplify the report, attached plots were only channel of highest power.

UNII 1 (Ch. 42)	UNII 2A (Ch. 58)
	

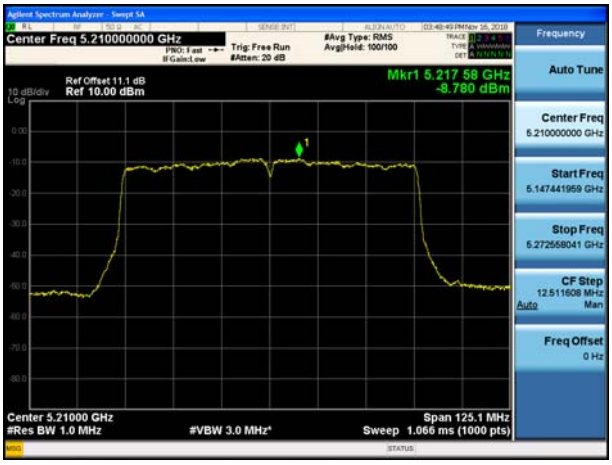
UNII 2C (Ch. 138)	UNII 3 (Ch. 155)
	

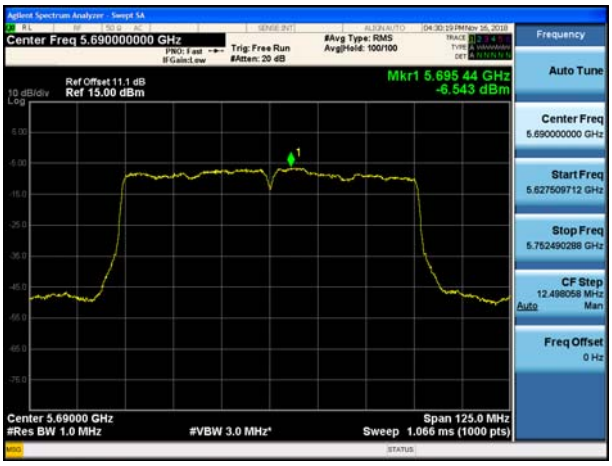
[Ant2]

▣ Test Plots(802.11ac(VHT80))

Note:

In order to simplify the report, attached plots were only channel of highest power.

UNII 1 (Ch. 42)	UNII 2A (Ch. 58)
	

UNII 2C (Ch. 138)	UNII 3 (Ch. 155)
	

[Ant1]

▣Straddle channels TEST RESULTS for 802.11a/n_HT20/ac_VHT20

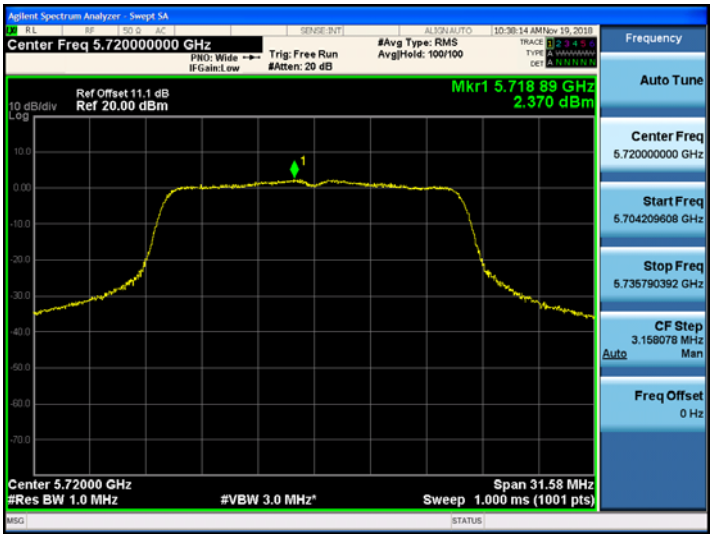
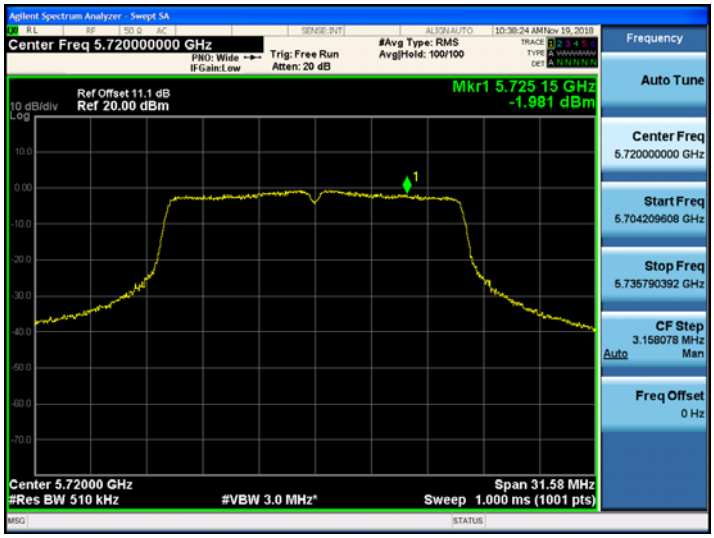
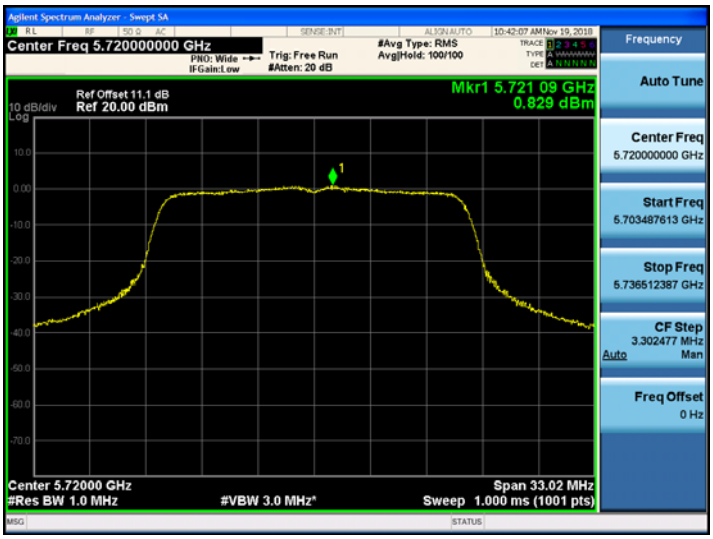
Conducted Power Density Measurements (UNII 2C Band 5720MHz)

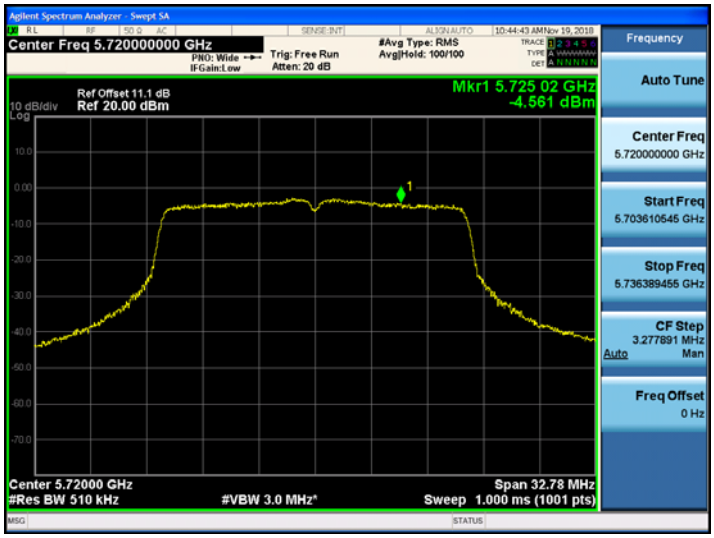
Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)	Pass/Fail
5720	144	802.11a	2.370	0.310	2.680	11.00	Pass
		802.11n	0.829	0.330	1.159	11.00	Pass
		802.11ac	-0.157	0.325	0.168	11.00	Pass

Conducted Power Density Measurements (UNII 3 Band 5720MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)	Pass/Fail
5720	144	802.11a	-1.981	0.310	-1.671	30.00	Pass
		802.11n	-3.576	0.330	-3.246	30.00	Pass
		802.11ac	-4.561	0.325	-4.236	30.00	Pass

▣Straddle channels TEST Plot for 802.11a/n_HT20/ac_VHT20

802.11a UNII 2C Band PSD CH.144	802.11a UNII 3 Band PSD CH.144
	
802.11n_HT20 UNII 2C Band PSD CH.144	802.11n_HT20 UNII 3 Band PSD CH.144
	

802.11ac_VHT20 UNII 2C Band PSD CH.144	802.11ac_VHT20 UNII 3 Band PSD CH.144
	

▣Straddle channels TEST RESULTS for 802.11n_HT40/ac_VHT40

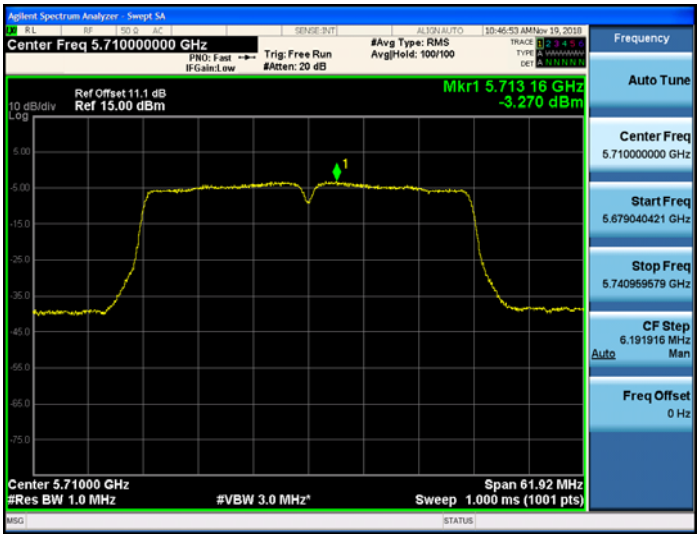
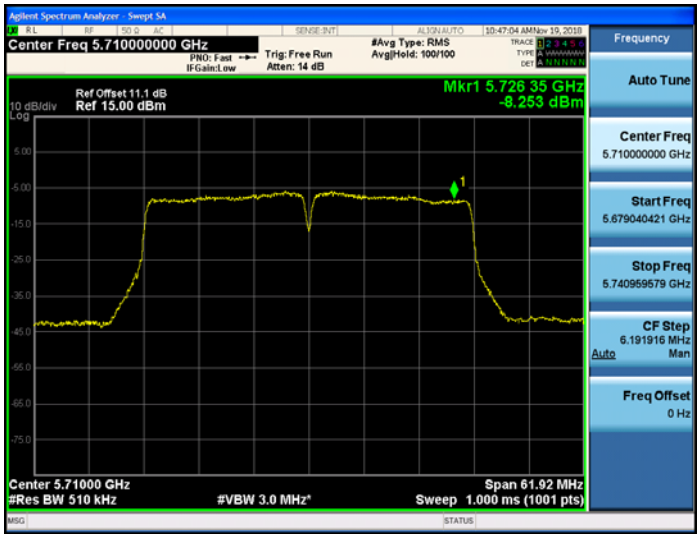
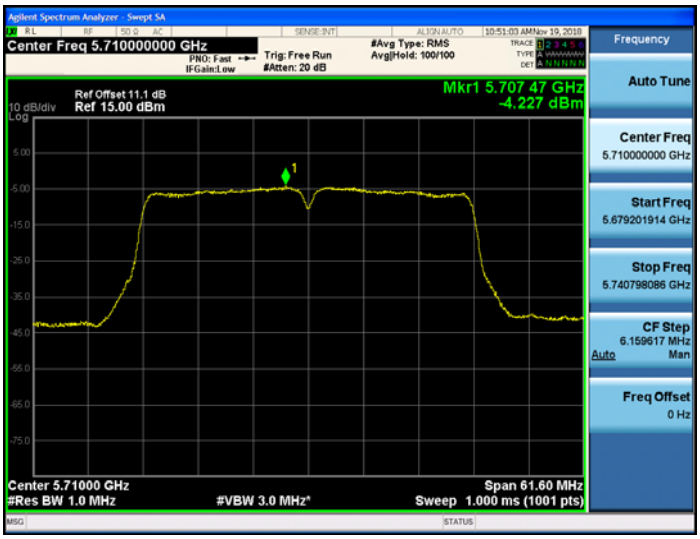
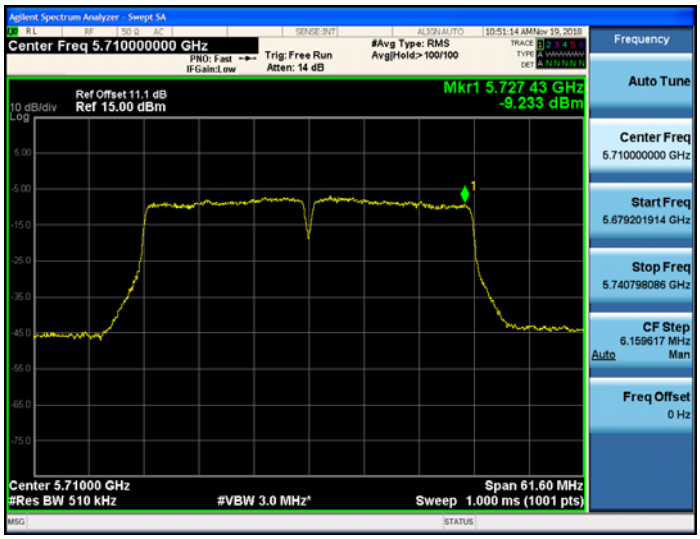
Conducted Power Density Measurements (UNII 2C Band 5710MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)	Pass/Fail
5710	142	802.11n	-3.270	0.232	-3.038	11.00	Pass
		802.11ac	-4.227	0.417	-3.810	11.00	Pass

Conducted Power Density Measurements (UNII 3 Band 5710MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Measured Total PSD (dBm)	Limit (dBm)	Pass/Fail
5710	142	802.11n	-8.253	0.232	-8.021	30.00	Pass
		802.11ac	-9.233	0.417	-8.816	30.00	Pass

▣Straddle channels TEST Plot for 802.11n_HT40/ac_VHT40

802.11n_HT40 UNII 2C Band PSD CH.142	802.11n_HT40 UNII 3 Band PSD CH.142
	
802.11ac_VHT40 UNII 2C Band PSD CH.142	802.11ac_VHT40 UNII 3 Band PSD CH.142
	

▣Straddle channels TEST RESULTS

Conducted Power Density Measurements (UNII 2C Band 5690MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)	Pass/Fail
5690	138	802.11ac	-6.927	0.992	-5.935	11.00	Pass

Conducted Power Density Measurements (UNII 3 Band 5690MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)	Pass/Fail
5690	138	802.11ac	-12.081	0.992	-11.089	30.00	Pass

▣Straddle channels TEST Plot for 802.11ac_VHT80

802.11ac_VHT80 UNII 2C Band PSD CH.138	802.11ac_VHT80 UNII 3 Band PSD CH.138
	

[Ant2]

▣Straddle channels TEST RESULTS for 802.11a/n_HT20/ac_VHT20

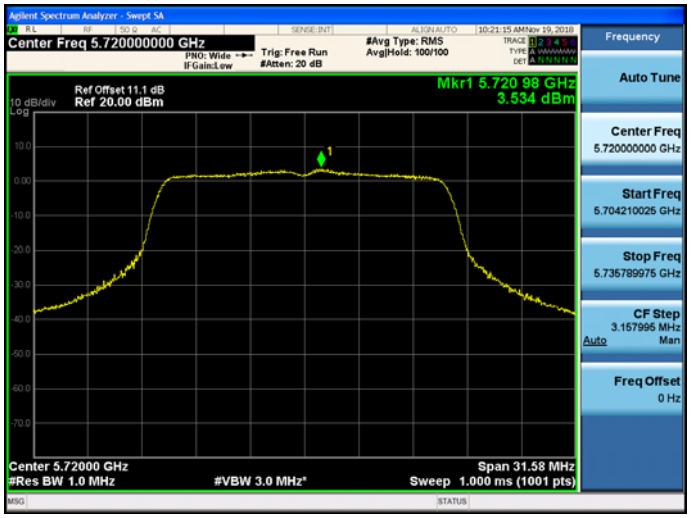
Conducted Power Density Measurements (UNII 2C Band 5720MHz)

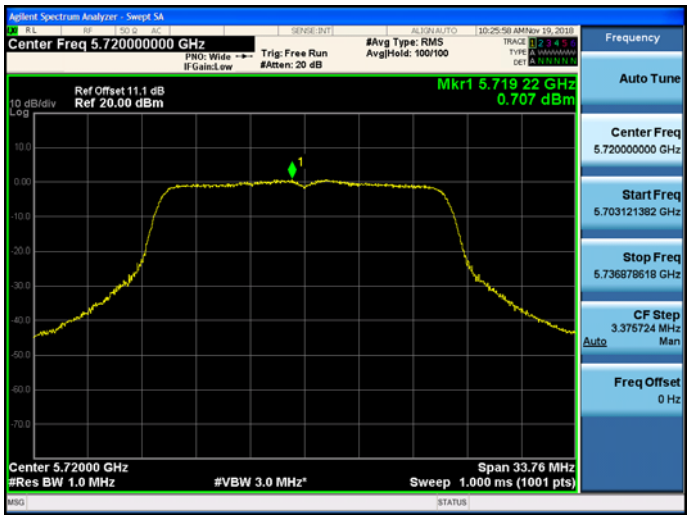
Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)	Pass/Fail
5720	144	802.11a	3.534	0.313	3.847	11.00	Pass
		802.11n	1.811	0.328	2.139	11.00	Pass
		802.11ac	0.707	0.419	1.126	11.00	Pass

Conducted Power Density Measurements (UNII 3 Band 5720MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)	Pass/Fail
5720	144	802.11a	-1.009	0.313	-0.696	30.00	Pass
		802.11n	-2.586	0.328	-2.258	30.00	Pass
		802.11ac	-3.420	0.419	-3.001	30.00	Pass

▣Straddle channels TEST Plot for 802.11a/n_HT20/ac_VHT20

802.11a UNII 2C Band PSD CH.144	802.11a UNII 3 Band PSD CH.144
	
802.11n_HT20 UNII 2C Band PSD CH.144	**802.11n_HT20 UNII 3 Band PSD CH.144**
	

802.11ac_VHT20 UNII 2C Band PSD CH.144	802.11ac_VHT20 UNII 3 Band PSD CH.144
	

▣Straddle channels TEST RESULTS for 802.11n_HT40/ac_VHT40

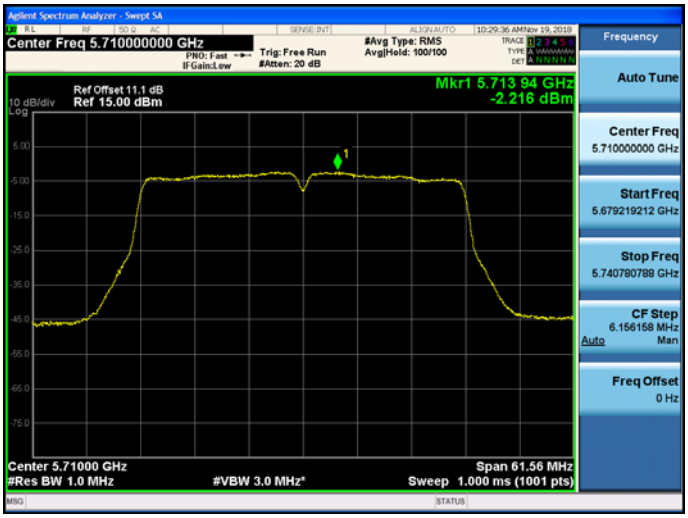
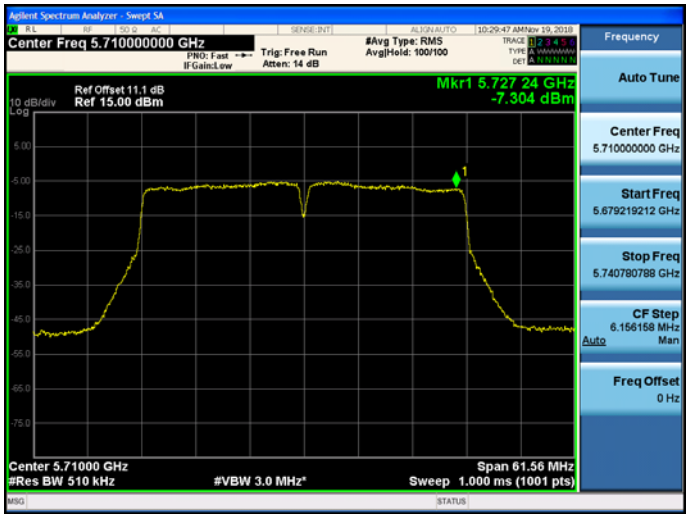
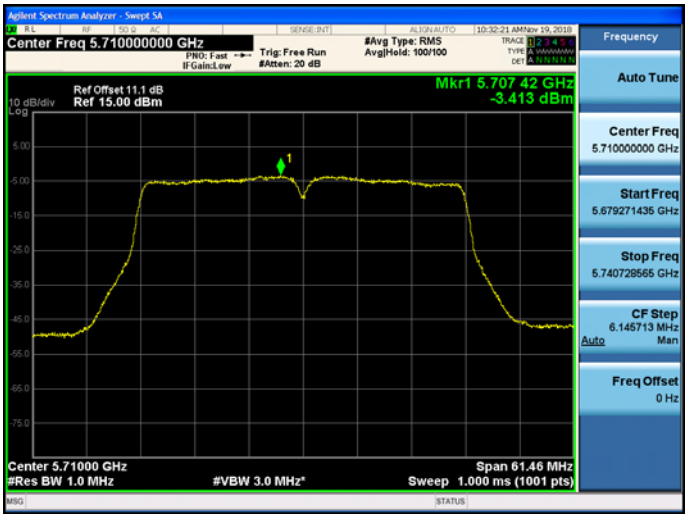
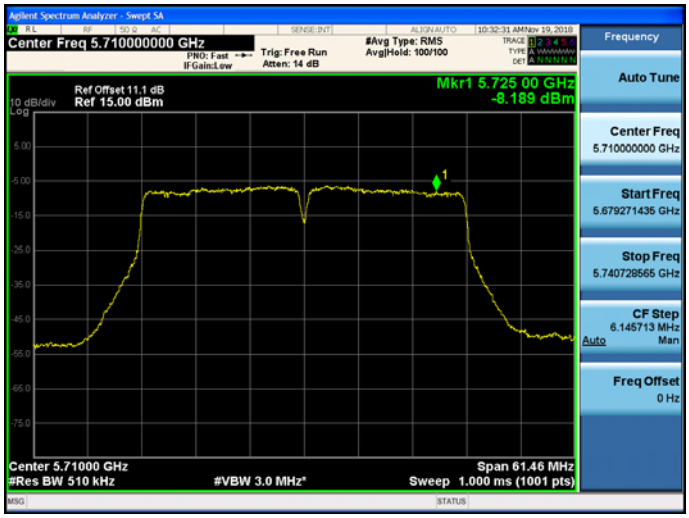
Conducted Power Density Measurements (UNII 2C Band 5710MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)	Pass/Fail
5710	142	802.11n	-2.216	0.224	-1.992	11.00	Pass
		802.11ac	-3.413	0.411	-3.002	11.00	Pass

Conducted Power Density Measurements (UNII 3 Band 5710MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)	Pass/Fail
5710	142	802.11n	-7.304	0.224	-7.080	30.00	Pass
		802.11ac	-8.189	0.411	-7.778	30.00	Pass

▣Straddle channels TEST Plot for 802.11n_HT40/ac_VHT40

802.11n_HT40 UNII 2C Band PSD CH.142	802.11n_HT40 UNII 3 Band PSD CH.142
	
802.11ac_VHT40 UNII 2C Band PSD CH.142	802.11ac_VHT40 UNII 3 Band PSD CH.142
	

▣Straddle channels TEST RESULTS

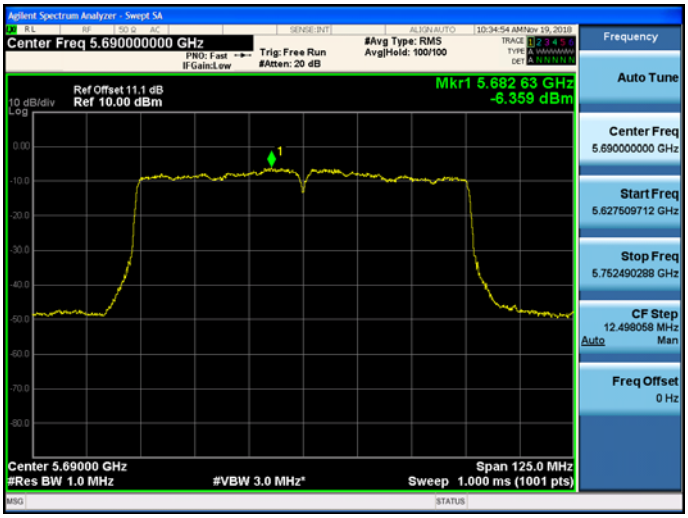
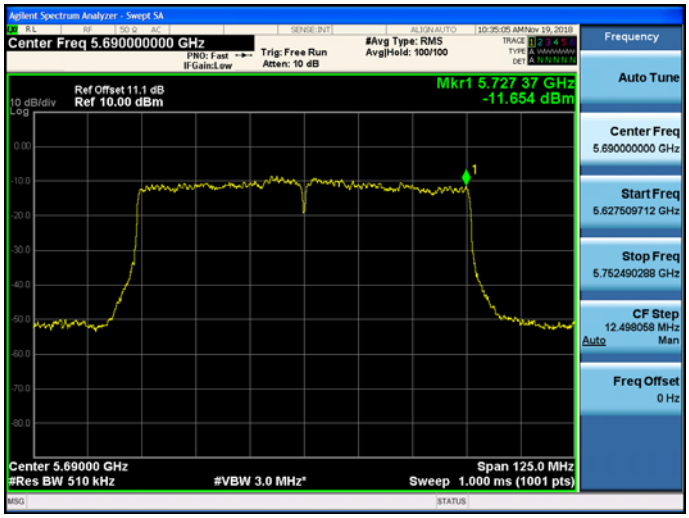
Conducted Power Density Measurements (UNII 2C Band 5690MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)	Pass/Fail
5690	138	802.11ac	-6.359	0.981	-5.378	11.00	Pass

Conducted Power Density Measurements (UNII 3 Band 5690MHz)

Frequency (MHz)	Channel No.	Mode	Test Result				
			Measured Power Density (dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)	Pass/Fail
5690	138	802.11ac	-11.654	0.981	-10.673	30.00	Pass

▣Straddle channels TEST Plot for 802.11ac_VHT80

802.11ac_VHT80 UNII 2C Band PSD CH.138	802.11ac_VHT80 UNII 3 Band PSD CH.138
	

10.6 FREQUENCY STABILITY.

10.6.1 20MHz BW

[Ant1]

Startup after the EUT is energized

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,180,000,000 Hz

CHANNEL: 36

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180076.86	76.86
100%		-30	5180079.38	79.38
100%		-20	5180094.06	94.06
100%		-10	5180083.94	83.94
100%		0	5180051.06	51.06
100%		+10	5180015.36	15.36
100%		+30	5180048.19	48.19
100%		+40	5180038.89	38.89
100%		+50	5180077.90	77.90
End. Point	3.60	+20	5180089.18	89.18

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: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5260054.83	54.83
100%		-30	5260033.32	33.32
100%		-20	5260088.74	88.74
100%		-10	5260059.39	59.39
100%		0	5260031.33	31.33
100%		+10	5260005.06	5.06
100%		+30	5260073.34	73.34
100%		+40	5260098.76	98.76
100%		+50	5260096.90	96.90
End. Point	3.60	+20	5260025.93	25.93

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: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500045.89	45.89
100%		-30	5500023.76	23.76
100%		-20	5500048.68	48.68
100%		-10	5500001.14	1.14
100%		0	5500079.94	79.94
100%		+10	5500002.89	2.89
100%		+30	5500047.43	47.43
100%		+40	5500051.75	51.75
100%		+50	5500034.07	34.07
End. Point	3.60	+20	5500096.46	96.46

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: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745062.94	62.94
100%		-30	5745045.41	45.41
100%		-20	5745019.32	19.32
100%		-10	5745024.91	24.91
100%		0	5745055.71	55.71
100%		+10	5745090.09	90.09
100%		+30	5745030.53	30.53
100%		+40	5745097.62	97.62
100%		+50	5745071.64	71.64
End. Point	3.60	+20	5745004.18	4.18

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.

2 minutes after the EUT is energized

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,180,000,000 Hz

CHANNEL: 36

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180078.76	78.76
100%		-30	5180019.44	19.44
100%		-20	5180017.66	17.66
100%		-10	5180083.27	83.27
100%		0	5180035.69	35.69
100%		+10	5180095.07	95.07
100%		+30	5180006.86	6.86
100%		+40	5180022.53	22.53
100%		+50	5180071.46	71.46
End. Point	3.60	+20	5180064.93	64.93

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: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5260029.88	29.88
100%		-30	5260045.02	45.02
100%		-20	5260075.45	75.45
100%		-10	5260043.49	43.49
100%		0	5260078.72	78.72
100%		+10	5260083.53	83.53
100%		+30	5260053.88	53.88
100%		+40	5260057.95	57.95
100%		+50	5260064.71	64.71
End. Point	3.60	+20	5260081.11	81.11

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: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500045.79	45.79
100%		-30	5500044.18	44.18
100%		-20	5500030.43	30.43
100%		-10	5500066.72	66.72
100%		0	5500072.92	72.92
100%		+10	5500062.49	62.49
100%		+30	5500002.11	2.11
100%		+40	5500096.74	96.74
100%		+50	5500081.28	81.28
End. Point	3.60	+20	5500028.51	28.51

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: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745032.02	32.02
100%		-30	5745040.36	40.36
100%		-20	5745032.05	32.05
100%		-10	5745010.13	10.13
100%		0	5745039.66	39.66
100%		+10	5745095.49	95.49
100%		+30	5745060.03	60.03
100%		+40	5745081.25	81.25
100%		+50	5745034.50	34.50
End. Point	3.60	+20	5745056.03	56.03

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: 5,180,000,000 Hz

CHANNEL: 36

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180062.58	62.58
100%		-30	5180085.88	85.88
100%		-20	5180056.75	56.75
100%		-10	5180095.63	95.63
100%		0	5180077.67	77.67
100%		+10	5180041.40	41.40
100%		+30	5180040.65	40.65
100%		+40	5180002.68	2.68
100%		+50	5180056.23	56.23
End. Point	3.60	+20	5180054.40	54.40

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: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5260052.10	52.10
100%		-30	5260062.86	62.86
100%		-20	5260074.93	74.93
100%		-10	5260021.85	21.85
100%		0	5260084.46	84.46
100%		+10	5260034.65	34.65
100%		+30	5260076.10	76.10
100%		+40	5260018.10	18.10
100%		+50	5260017.62	17.62
End. Point	3.60	+20	5260064.60	64.60

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: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500055.94	55.94
100%		-30	5500095.57	95.57
100%		-20	5500035.33	35.33
100%		-10	5500009.06	9.06
100%		0	5500025.69	25.69
100%		+10	5500055.20	55.2
100%		+30	5500064.66	64.66
100%		+40	5500073.54	73.54
100%		+50	5500070.72	70.72
End. Point	3.60	+20	5500068.75	68.75

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: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745084.66	84.66
100%		-30	5745080.35	80.35
100%		-20	5745046.42	46.42
100%		-10	5745001.12	1.12
100%		0	5745039.18	39.18
100%		+10	5745012.67	12.67
100%		+30	5745079.64	79.64
100%		+40	5745039.46	39.46
100%		+50	5745098.83	98.83
End. Point	3.60	+20	5745003.27	3.27

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: 5,180,000,000 Hz
CHANNEL: 36
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180068.16	68.16
100%		-30	5180078.61	78.61
100%		-20	5180005.15	5.15
100%		-10	5180066.86	66.86
100%		0	5180094.05	94.05
100%		+10	5180084.93	84.93
100%		+30	5180052.30	52.30
100%		+40	5180016.59	16.59
100%		+50	5180079.74	79.74
End. Point	3.60	+20	5180057.90	57.90

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: 5,260,000,000 Hz
CHANNEL: 52
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5260074.91	74.91
100%		-30	5260043.60	43.60
100%		-20	5260018.85	18.85
100%		-10	5260054.80	54.8
100%		0	5260049.34	49.34
100%		+10	5260061.68	61.68
100%		+30	5260058.78	58.78
100%		+40	5260086.99	86.99
100%		+50	5260005.26	5.26
End. Point	3.60	+20	5260099.36	99.36

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: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500077.75	77.75
100%		-30	5500097.84	97.84
100%		-20	5500013.62	13.62
100%		-10	5500008.19	8.19
100%		0	5500035.67	35.67
100%		+10	5500070.06	70.06
100%		+30	5500026.25	26.25
100%		+40	5500052.52	52.52
100%		+50	5500055.80	55.80
End. Point	3.60	+20	5500066.34	66.34

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: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745014.90	14.90
100%		-30	5745072.04	72.04
100%		-20	5745073.47	73.47
100%		-10	5745021.19	21.19
100%		0	5745071.79	71.79
100%		+10	5745028.02	28.02
100%		+30	5745004.12	4.12
100%		+40	5745089.55	89.55
100%		+50	5745066.43	66.43
End. Point	3.60	+20	5745084.63	84.63

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.

[Ant2]

Startup after the EUT is energized

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,180,000,000 Hz

CHANNEL: 36

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180060.65	60.65
100%		-30	5180092.76	92.76
100%		-20	5180065.40	65.40
100%		-10	5180011.50	11.50
100%		0	5180018.36	18.36
100%		+10	5180068.51	68.51
100%		+30	5180018.23	18.23
100%		+40	5180098.83	98.83
100%		+50	5180083.63	83.63
End. Point	3.60	+20	5180076.42	76.42

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: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5260097.11	97.11
100%		-30	5260068.39	68.39
100%		-20	5260062.11	62.11
100%		-10	5260094.18	94.18
100%		0	5260050.66	50.66
100%		+10	5260050.36	50.36
100%		+30	5260049.43	49.43
100%		+40	5260081.94	81.94
100%		+50	5260067.78	67.78
End. Point	3.60	+20	5260043.17	43.17

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: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500034.44	34.44
100%		-30	5500093.60	93.60
100%		-20	5500043.76	43.76
100%		-10	5500037.10	37.10
100%		0	5500041.64	41.64
100%		+10	5500034.56	34.56
100%		+30	5500065.49	65.49
100%		+40	5500017.17	17.17
100%		+50	5500065.22	65.22
End. Point	3.60	+20	5500094.24	94.24

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: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745016.48	16.48
100%		-30	5745018.49	18.49
100%		-20	5745054.80	54.80
100%		-10	5745019.90	19.90
100%		0	5745067.33	67.33
100%		+10	5745075.92	75.92
100%		+30	5745002.07	2.07
100%		+40	5745029.68	29.68
100%		+50	5745098.24	98.24
End. Point	3.60	+20	5745057.05	57.05

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.

2 minutes after the EUT is energized

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,180,000,000 Hz

CHANNEL: 36

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180049.20	49.20
100%		-30	5180087.52	87.52
100%		-20	5180021.43	21.43
100%		-10	5180009.78	9.78
100%		0	5180044.71	44.71
100%		+10	5180056.16	56.16
100%		+30	5180033.30	33.30
100%		+40	5180029.40	29.40
100%		+50	5180067.54	67.54
End. Point	3.60	+20	5180001.79	1.79

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: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5260033.43	33.43
100%		-30	5260086.65	86.65
100%		-20	5260014.27	14.27
100%		-10	5260067.02	67.02
100%		0	5260082.76	82.76
100%		+10	5260089.70	89.70
100%		+30	5260064.44	64.44
100%		+40	5260004.02	4.02
100%		+50	5260096.16	96.16
End. Point	3.60	+20	5260018.37	18.37

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: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500094.15	94.15
100%		-30	5500051.08	51.08
100%		-20	5500008.67	8.67
100%		-10	5500091.34	91.34
100%		0	5500005.20	5.20
100%		+10	5500090.67	90.67
100%		+30	5500051.02	51.02
100%		+40	5500046.04	46.04
100%		+50	5500028.36	28.36
End. Point	3.60	+20	5500046.03	46.03

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: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745011.95	11.95
100%		-30	5745022.64	22.64
100%		-20	5745064.58	64.58
100%		-10	5745054.48	54.48
100%		0	5745089.54	89.54
100%		+10	5745039.93	39.93
100%		+30	5745078.61	78.61
100%		+40	5745010.60	10.60
100%		+50	5745067.78	67.78
End. Point	3.60	+20	5745013.11	13.11

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: 5,180,000,000 Hz

CHANNEL: 36

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180088.47	88.47
100%		-30	5180060.60	60.60
100%		-20	5180015.35	15.35
100%		-10	5180012.78	12.78
100%		0	5180061.55	61.55
100%		+10	5180051.99	51.99
100%		+30	5180090.45	90.45
100%		+40	5180091.22	91.22
100%		+50	5180081.18	81.18
End. Point	3.60	+20	5180036.92	36.92

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 2A

OPERATING FREQUENCY: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5260043.42	43.42
100%		-30	5260096.79	96.79
100%		-20	5260064.64	64.64
100%		-10	5260017.08	17.08
100%		0	5260051.79	51.79
100%		+10	5260017.82	17.82
100%		+30	5260062.41	62.41
100%		+40	5260064.89	64.89
100%		+50	5260080.74	80.74
End. Point	3.60	+20	5260068.04	68.04

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: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500010.66	10.66
100%		-30	5500054.36	54.36
100%		-20	5500090.20	90.20
100%		-10	5500036.77	36.77
100%		0	5500080.05	80.05
100%		+10	5500056.02	56.02
100%		+30	5500016.33	16.33
100%		+40	5500015.50	15.50
100%		+50	5500086.83	86.83
End. Point	3.60	+20	5500027.84	27.84

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: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745066.21	66.21
100%		-30	5745076.53	76.53
100%		-20	5745076.37	76.37
100%		-10	5745015.57	15.57
100%		0	5745001.55	1.55
100%		+10	5745095.70	95.70
100%		+30	5745065.46	65.46
100%		+40	5745033.87	33.87
100%		+50	5745015.09	15.09
End. Point	3.60	+20	5745043.26	43.26

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: 5,180,000,000 Hz

CHANNEL: 36

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180017.10	17.10
100%		-30	5180030.55	30.55
100%		-20	5180076.13	76.13
100%		-10	5180067.25	67.25
100%		0	5180037.93	37.93
100%		+10	5180091.81	91.81
100%		+30	5180037.11	37.11
100%		+40	5180054.26	54.26
100%		+50	5180088.38	88.38
End. Point	3.60	+20	5180042.16	42.16

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: 5,260,000,000 Hz

CHANNEL: 52

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5260082.37	82.37
100%		-30	5260082.56	82.56
100%		-20	5260073.85	73.85
100%		-10	5260057.57	57.57
100%		0	5260019.37	19.37
100%		+10	5260005.95	5.95
100%		+30	5260041.43	41.43
100%		+40	5260038.72	38.72
100%		+50	5260014.31	14.31
End. Point	3.60	+20	5260055.61	55.61

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.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500002.72	2.72
100%		-30	5500037.26	37.26
100%		-20	5500025.03	25.03
100%		-10	5500026.39	26.39
100%		0	5500026.20	26.20
100%		+10	5500029.54	29.54
100%		+30	5500094.17	94.17
100%		+40	5500068.76	68.76
100%		+50	5500080.82	80.82
End. Point	3.60	+20	5500039.54	39.54

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: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745099.33	99.33
100%		-30	5745082.23	82.23
100%		-20	5745029.35	29.35
100%		-10	5745018.95	18.95
100%		0	5745056.89	56.89
100%		+10	5745075.20	75.20
100%		+30	5745076.40	76.40
100%		+40	5745033.77	33.77
100%		+50	5745039.69	39.69
End. Point	3.60	+20	5745021.06	21.06

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.

10.6.2 40MHz BW

[Ant1]

Startup after the EUT is energized

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190062.49	62.49
100%		-30	5190046.64	46.64
100%		-20	5190046.97	46.97
100%		-10	5190021.83	21.83
100%		0	5190012.97	12.97
100%		+10	5190052.72	52.72
100%		+30	5190003.45	3.45
100%		+40	5190033.22	33.22
100%		+50	5190059.66	59.66
End. Point	3.60	+20	5190043.95	43.95

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270076.93	76.93
100%		-30	5270094.52	94.52
100%		-20	5270002.24	2.24
100%		-10	5270077.95	77.95
100%		0	5270091.02	91.02
100%		+10	5270059.88	59.88
100%		+30	5270042.34	42.34
100%		+40	5270018.28	18.28
100%		+50	5270012.07	12.07
End. Point	3.60	+20	5270077.87	77.87

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: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510088.71	88.71
100%		-30	5510048.52	48.52
100%		-20	5510084.70	84.70
100%		-10	5510035.46	35.46
100%		0	5510009.40	9.40
100%		+10	5510078.15	78.15
100%		+30	5510006.84	6.84
100%		+40	5510063.60	63.60
100%		+50	5510085.71	85.71
End. Point	3.60	+20	5510053.92	53.92

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: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755084.50	84.50
100%		-30	5755034.79	34.79
100%		-20	5755017.62	17.62
100%		-10	5755047.53	47.53
100%		0	5755030.63	30.63
100%		+10	5755091.31	91.31
100%		+30	5755031.16	31.16
100%		+40	5755084.50	84.50
100%		+50	5755087.75	87.75
End. Point	3.60	+20	5755024.87	24.87

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.

2 minutes after the EUT is energized

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190093.49	93.49
100%		-30	5190031.14	31.14
100%		-20	5190075.68	75.68
100%		-10	5190062.35	62.35
100%		0	5190028.70	28.70
100%		+10	5190002.60	2.60
100%		+30	5190085.78	85.78
100%		+40	5190087.14	87.14
100%		+50	5190039.90	39.90
End. Point	3.60	+20	5190042.59	42.59

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270018.62	18.62
100%		-30	5270027.81	27.81
100%		-20	5270016.95	16.95
100%		-10	5270059.85	59.85
100%		0	5270077.28	77.28
100%		+10	5270069.02	69.02
100%		+30	5270053.37	53.37
100%		+40	5270039.38	39.38
100%		+50	5270073.69	73.69
End. Point	3.60	+20	5270027.85	27.85

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: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510091.18	91.18
100%		-30	5510011.94	11.94
100%		-20	5510097.03	97.03
100%		-10	5510079.62	79.62
100%		0	5510058.78	58.78
100%		+10	5510032.33	32.33
100%		+30	5510093.15	93.15
100%		+40	5510062.58	62.58
100%		+50	5510051.22	51.22
End. Point	3.60	+20	5510081.75	81.75

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: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755076.63	76.63
100%		-30	5755079.35	79.35
100%		-20	5755028.62	28.62
100%		-10	5755002.23	2.23
100%		0	5755071.41	71.41
100%		+10	5755089.21	89.21
100%		+30	5755032.11	32.11
100%		+40	5755081.67	81.67
100%		+50	5755049.51	49.51
End. Point	3.60	+20	5755085.17	85.17

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: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190092.75	92.75
100%		-30	5190079.83	79.83
100%		-20	5190046.88	46.88
100%		-10	5190022.12	22.12
100%		0	5190088.78	88.78
100%		+10	5190014.68	14.68
100%		+30	5190066.13	66.13
100%		+40	5190088.89	88.89
100%		+50	5190066.99	66.99
End. Point	3.60	+20	5190002.50	2.50

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270007.11	7.11
100%		-30	5270032.28	32.28
100%		-20	5270071.65	71.65
100%		-10	5270022.34	22.34
100%		0	5270059.14	59.14
100%		+10	5270085.59	85.59
100%		+30	5270087.47	87.47
100%		+40	5270042.34	42.34
100%		+50	5270072.03	72.03
End. Point	3.60	+20	5270066.68	66.68

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.

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510015.28	15.28
100%		-30	5510018.52	18.52
100%		-20	5510031.59	31.59
100%		-10	5510034.81	34.81
100%		0	5510084.58	84.58
100%		+10	5510021.61	21.61
100%		+30	5510011.88	11.88
100%		+40	5510039.47	39.47
100%		+50	5510063.18	63.18
End. Point	3.60	+20	5510090.83	90.83

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: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755080.37	80.37
100%		-30	5755031.89	31.89
100%		-20	5755030.25	30.25
100%		-10	5755063.10	63.1
100%		0	5755054.55	54.55
100%		+10	5755076.47	76.47
100%		+30	5755041.51	41.51
100%		+40	5755082.47	82.47
100%		+50	5755087.60	87.60
End. Point	3.60	+20	5755023.45	23.45

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: 5,190,000,000 Hz
CHANNEL: 38
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190084.33	84.33
100%		-30	5190083.09	83.09
100%		-20	5190042.12	42.12
100%		-10	5190070.51	70.51
100%		0	5190029.78	29.78
100%		+10	5190025.48	25.48
100%		+30	5190039.68	39.68
100%		+40	5190082.40	82.40
100%		+50	5190047.97	47.97
End. Point	3.60	+20	5190078.35	78.35

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270018.06	18.06
100%		-30	5270011.26	11.26
100%		-20	5270061.78	61.78
100%		-10	5270050.15	50.15
100%		0	5270063.06	63.06
100%		+10	5270023.15	23.15
100%		+30	5270096.63	96.63
100%		+40	5270022.49	22.49
100%		+50	5270039.83	39.83
End. Point	3.60	+20	5270053.77	53.77

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: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510001.32	1.32
100%		-30	5510094.17	94.17
100%		-20	5510034.66	34.66
100%		-10	5510058.45	58.45
100%		0	5510094.63	94.63
100%		+10	5510068.73	68.73
100%		+30	5510005.79	5.79
100%		+40	5510058.65	58.65
100%		+50	5510070.76	70.76
End. Point	3.60	+20	5510010.04	10.04

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: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755096.87	96.87
100%		-30	5755027.54	27.54
100%		-20	5755047.28	47.28
100%		-10	5755068.40	68.4
100%		0	5755035.05	35.05
100%		+10	5755074.95	74.95
100%		+30	5755008.45	8.45
100%		+40	5755061.91	61.91
100%		+50	5755010.53	10.53
End. Point	3.60	+20	5755038.45	38.45

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.

[Ant2]

Startup after the EUT is energized

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190051.24	51.24
100%		-30	5190083.74	83.74
100%		-20	5190096.20	96.20
100%		-10	5190075.55	75.55
100%		0	5190062.76	62.76
100%		+10	5190095.81	95.81
100%		+30	5190038.41	38.41
100%		+40	5190061.38	61.38
100%		+50	5190042.80	42.80
End. Point	3.60	+20	5190009.51	9.51

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270002.15	2.15
100%		-30	5270029.28	29.28
100%		-20	5270072.71	72.71
100%		-10	5270080.54	80.54
100%		0	5270080.47	80.47
100%		+10	5270036.27	36.27
100%		+30	5270072.14	72.14
100%		+40	5270079.61	79.61
100%		+50	5270011.84	11.84
End. Point	3.60	+20	5270077.67	77.67

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: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510029.11	29.11
100%		-30	5510064.43	64.43
100%		-20	5510073.05	73.05
100%		-10	5510051.62	51.62
100%		0	5510097.82	97.82
100%		+10	5510074.43	74.43
100%		+30	5510033.49	33.49
100%		+40	5510075.38	75.38
100%		+50	5510066.06	66.06
End. Point	3.60	+20	5510070.75	70.75

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: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755065.84	65.84
100%		-30	5755042.31	42.31
100%		-20	5755022.16	22.16
100%		-10	5755059.40	59.40
100%		0	5755084.26	84.26
100%		+10	5755029.36	29.36
100%		+30	5755072.48	72.48
100%		+40	5755001.84	1.84
100%		+50	5755093.27	93.27
End. Point	3.60	+20	5755032.44	32.44

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.

2 minutes after the EUT is energized

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190005.71	5.71
100%		-30	5190010.39	10.39
100%		-20	5190028.76	28.76
100%		-10	5190063.84	63.84
100%		0	5190071.54	71.54
100%		+10	5190080.29	80.29
100%		+30	5190004.20	4.20
100%		+40	5190049.83	49.83
100%		+50	5190019.12	19.12
End. Point	3.60	+20	5190006.25	6.25

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270016.65	16.65
100%		-30	5270081.48	81.48
100%		-20	5270068.31	68.31
100%		-10	5270073.08	73.08
100%		0	5270072.12	72.12
100%		+10	5270052.22	52.22
100%		+30	5270005.59	5.59
100%		+40	5270032.37	32.37
100%		+50	5270024.35	24.35
End. Point	3.60	+20	5270023.89	23.89

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: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510044.69	44.69
100%		-30	5510022.90	22.90
100%		-20	5510042.75	42.75
100%		-10	5510085.89	85.89
100%		0	5510031.03	31.03
100%		+10	5510021.50	21.50
100%		+30	5510004.95	4.95
100%		+40	5510068.21	68.21
100%		+50	5510006.91	6.91
End. Point	3.60	+20	5510002.43	2.43

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: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755070.17	70.17
100%		-30	5755092.73	92.73
100%		-20	5755049.76	49.76
100%		-10	5755034.95	34.95
100%		0	5755057.13	57.13
100%		+10	5755063.71	63.71
100%		+30	5755025.10	25.10
100%		+40	5755026.92	26.92
100%		+50	5755075.51	75.51
End. Point	3.60	+20	5755042.86	42.86

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: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190033.58	33.58
100%		-30	5190037.56	37.56
100%		-20	5190097.59	97.59
100%		-10	5190075.03	75.03
100%		0	5190052.36	52.36
100%		+10	5190025.94	25.94
100%		+30	5190063.73	63.73
100%		+40	5190008.16	8.16
100%		+50	5190049.75	49.75
End. Point	3.60	+20	5190065.81	65.81

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270068.76	68.76
100%		-30	5270011.69	11.69
100%		-20	5270083.89	83.89
100%		-10	5270053.05	53.05
100%		0	5270085.97	85.97
100%		+10	5270079.62	79.62
100%		+30	5270031.20	31.20
100%		+40	5270055.78	55.78
100%		+50	5270069.57	69.57
End. Point	3.60	+20	5270061.74	61.74

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: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510093.65	93.65
100%		-30	5510082.49	82.49
100%		-20	5510076.86	76.86
100%		-10	5510057.57	57.57
100%		0	5510056.59	56.59
100%		+10	5510076.15	76.15
100%		+30	5510043.85	43.85
100%		+40	5510019.74	19.74
100%		+50	5510052.84	52.84
End. Point	3.60	+20	5510096.34	96.34

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: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755033.95	33.95
100%		-30	5755046.22	46.22
100%		-20	5755020.84	20.84
100%		-10	5755049.25	49.25
100%		0	5755066.88	66.88
100%		+10	5755006.21	6.21
100%		+30	5755084.16	84.16
100%		+40	5755024.03	24.03
100%		+50	5755011.92	11.92
End. Point	3.60	+20	5755052.15	52.15

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: 5,190,000,000 Hz
CHANNEL: 38
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190090.29	90.29
100%		-30	5190076.81	76.81
100%		-20	5190058.23	58.23
100%		-10	5190010.48	10.48
100%		0	5190001.60	1.60
100%		+10	5190016.87	16.87
100%		+30	5190012.85	12.85
100%		+40	5190093.15	93.15
100%		+50	5190002.70	2.70
End. Point	3.60	+20	5190043.84	43.84

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270004.56	4.56
100%		-30	5270056.30	56.30
100%		-20	5270053.63	53.63
100%		-10	5270003.10	3.10
100%		0	5270055.80	55.80
100%		+10	5270051.13	51.13
100%		+30	5270094.08	94.08
100%		+40	5270015.15	15.15
100%		+50	5270025.23	25.23
End. Point	3.60	+20	5270067.20	67.20

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: 5,510,000,000 Hz

CHANNEL: 102

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510060.29	60.29
100%		-30	5510097.27	97.27
100%		-20	5510068.23	68.23
100%		-10	5510055.02	55.02
100%		0	5510096.13	96.13
100%		+10	5510015.95	15.95
100%		+30	5510048.98	48.98
100%		+40	5510066.44	66.44
100%		+50	5510054.84	54.84
End. Point	3.60	+20	5510016.90	16.90

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: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755030.26	30.26
100%		-30	5755038.12	38.12
100%		-20	5755053.81	53.81
100%		-10	5755011.14	11.14
100%		0	5755082.90	82.90
100%		+10	5755001.29	1.29
100%		+30	5755069.72	69.72
100%		+40	5755046.74	46.74
100%		+50	5755080.30	80.30
End. Point	3.60	+20	5755050.21	50.21

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.

10.6.3 80MHz BW

[Ant1]

Startup after the EUT is energized

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,210,000,000 Hz

CHANNEL: 42

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210008.32	8.32
100%		-30	5210035.91	35.91
100%		-20	5210044.61	44.61
100%		-10	5210027.45	27.45
100%		0	5210045.25	45.25
100%		+10	5210092.10	92.10
100%		+30	5210097.63	97.63
100%		+40	5210009.98	9.98
100%		+50	5210090.20	90.20
End. Point	3.60	+20	5210018.69	18.69

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290094.07	94.07
100%		-30	5290043.65	43.65
100%		-20	5290098.39	98.39
100%		-10	5290002.71	2.71
100%		0	5290013.93	13.93
100%		+10	5290087.38	87.38
100%		+30	5290090.35	90.35
100%		+40	5290064.76	64.76
100%		+50	5290025.57	25.57
End. Point	3.60	+20	5290080.21	80.21

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530097.39	97.39
100%		-30	5530022.52	22.52
100%		-20	5530034.30	34.30
100%		-10	5530077.51	77.51
100%		0	5530047.39	47.39
100%		+10	5530039.83	39.83
100%		+30	5530005.98	5.98
100%		+40	5530089.35	89.35
100%		+50	5530056.29	56.29
End. Point	3.60	+20	5530036.05	36.05

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775093.33	93.33
100%		-30	5775013.28	13.28
100%		-20	5775048.64	48.64
100%		-10	5775089.04	89.04
100%		0	5775023.53	23.53
100%		+10	5775053.65	53.65
100%		+30	5775032.77	32.77
100%		+40	5775050.34	50.34
100%		+50	5775013.55	13.55
End. Point	3.60	+20	5775086.42	86.42

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.

2 minutes after the EUT is energized

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,210,000,000 Hz

CHANNEL: 42

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210042.72	42.72
100%		-30	5210015.21	15.21
100%		-20	5210051.54	51.54
100%		-10	5210096.82	96.82
100%		0	5210073.09	73.09
100%		+10	5210064.43	64.43
100%		+30	5210018.63	18.63
100%		+40	5210097.13	97.13
100%		+50	5210020.50	20.50
End. Point	3.60	+20	5210028.20	28.20

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 2A

OPERATING FREQUENCY: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290063.60	63.60
100%		-30	5290020.66	20.66
100%		-20	5290091.27	91.27
100%		-10	5290094.30	94.30
100%		0	5290021.74	21.74
100%		+10	5290004.87	4.87
100%		+30	5290041.78	41.78
100%		+40	5290039.05	39.05
100%		+50	5290027.36	27.36
End. Point	3.60	+20	5290059.25	59.25

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530074.81	74.81
100%		-30	5530094.82	94.82
100%		-20	5530043.51	43.51
100%		-10	5530057.31	57.31
100%		0	5530099.19	99.19
100%		+10	5530072.23	72.23
100%		+30	5530031.45	31.45
100%		+40	5530035.64	35.64
100%		+50	5530018.99	18.99
End. Point	3.60	+20	5530054.38	54.38

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775003.77	3.77
100%		-30	5775005.27	5.27
100%		-20	5775063.31	63.31
100%		-10	5775020.65	20.65
100%		0	5775067.41	67.41
100%		+10	5775073.82	73.82
100%		+30	5775071.40	71.40
100%		+40	5775074.91	74.91
100%		+50	5775075.15	75.15
End. Point	3.60	+20	5775056.84	56.84

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210077.81	77.81
100%		-30	5210038.47	38.47
100%		-20	5210071.18	71.18
100%		-10	5210041.40	41.40
100%		0	5210067.41	67.41
100%		+10	5210086.71	86.71
100%		+30	5210060.15	60.15
100%		+40	5210036.71	36.71
100%		+50	5210048.93	48.93
End. Point	3.60	+20	5210032.36	32.36

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290006.21	6.21
100%		-30	5290054.64	54.64
100%		-20	5290022.14	22.14
100%		-10	5290014.45	14.45
100%		0	5290081.33	81.33
100%		+10	5290026.09	26.09
100%		+30	5290011.75	11.75
100%		+40	5290021.04	21.04
100%		+50	5290099.18	99.18
End. Point	3.60	+20	5290093.58	93.58

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530034.35	34.35
100%		-30	5530059.83	59.83
100%		-20	5530009.32	9.32
100%		-10	5530043.52	43.52
100%		0	5530062.06	62.06
100%		+10	5530002.56	2.56
100%		+30	5530098.71	98.71
100%		+40	5530038.11	38.11
100%		+50	5530003.10	3.10
End. Point	3.60	+20	5530083.92	83.92

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775014.91	14.91
100%		-30	5775059.82	59.82
100%		-20	5775073.46	73.46
100%		-10	5775021.14	21.14
100%		0	5775095.54	95.54
100%		+10	5775070.28	70.28
100%		+30	5775036.81	36.81
100%		+40	5775084.64	84.64
100%		+50	5775045.96	45.96
End. Point	3.60	+20	5775090.48	90.48

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210066.45	66.45
100%		-30	5210064.88	64.88
100%		-20	5210040.71	40.71
100%		-10	5210022.99	22.99
100%		0	5210059.27	59.27
100%		+10	5210024.57	24.57
100%		+30	5210044.90	44.90
100%		+40	5210012.51	12.51
100%		+50	5210099.27	99.27
End. Point	3.60	+20	5210007.73	7.73

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290091.17	91.17
100%		-30	5290050.96	50.96
100%		-20	5290076.29	76.29
100%		-10	5290027.19	27.19
100%		0	5290055.15	55.15
100%		+10	5290077.22	77.22
100%		+30	5290037.27	37.27
100%		+40	5290049.42	49.42
100%		+50	5290051.72	51.72
End. Point	3.60	+20	5290038.97	38.97

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530049.42	49.42
100%		-30	5530076.88	76.88
100%		-20	5530031.77	31.77
100%		-10	5530015.43	15.43
100%		0	5530031.31	31.31
100%		+10	5530088.27	88.27
100%		+30	5530025.38	25.38
100%		+40	5530069.95	69.95
100%		+50	5530082.98	82.98
End. Point	3.60	+20	5530079.60	79.6

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775001.58	1.58
100%		-30	5775007.12	7.12
100%		-20	5775077.46	77.46
100%		-10	5775073.46	73.46
100%		0	5775056.72	56.72
100%		+10	5775099.12	99.12
100%		+30	5775095.83	95.83
100%		+40	5775019.47	19.47
100%		+50	5775026.43	26.43
End. Point	3.60	+20	5775093.35	93.35

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.

[Ant2]

Startup after the EUT is energized

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,210,000,000 Hz

CHANNEL: 42

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210045.84	45.84
100%		-30	5210069.11	69.11
100%		-20	5210074.82	74.82
100%		-10	5210058.42	58.42
100%		0	5210029.63	29.63
100%		+10	5210029.55	29.55
100%		+30	5210086.48	86.48
100%		+40	5210008.81	8.81
100%		+50	5210070.51	70.51
End. Point	3.60	+20	5210035.19	35.19

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290052.85	52.85
100%		-30	5290068.99	68.99
100%		-20	5290076.16	76.16
100%		-10	5290084.71	84.71
100%		0	5290033.70	33.70
100%		+10	5290080.92	80.92
100%		+30	5290098.24	98.24
100%		+40	5290017.07	17.07
100%		+50	5290031.52	31.52
End. Point	3.60	+20	5290015.76	15.76

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530017.59	17.59
100%		-30	5530036.79	36.79
100%		-20	5530036.50	36.50
100%		-10	5530049.13	49.13
100%		0	5530052.16	52.16
100%		+10	5530076.59	76.59
100%		+30	5530077.47	77.47
100%		+40	5530040.07	40.07
100%		+50	5530008.06	8.06
End. Point	3.60	+20	5530034.09	34.09

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775068.92	68.92
100%		-30	5775078.80	78.80
100%		-20	5775067.99	67.99
100%		-10	5775092.84	92.84
100%		0	5775052.51	52.51
100%		+10	5775097.06	97.06
100%		+30	5775018.96	18.96
100%		+40	5775080.69	80.69
100%		+50	5775048.21	48.21
End. Point	3.60	+20	5775005.57	5.57

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.

2 minutes after the EUT is energized

OPERATING BAND: UNII Band 1

OPERATING FREQUENCY: 5,210,000,000 Hz

CHANNEL: 42

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210030.32	30.32
100%		-30	5210018.61	18.61
100%		-20	5210009.57	9.57
100%		-10	5210052.35	52.35
100%		0	5210076.71	76.71
100%		+10	5210096.88	96.88
100%		+30	5210017.33	17.33
100%		+40	5210088.95	88.95
100%		+50	5210010.25	10.25
End. Point	3.60	+20	5210061.70	61.70

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290001.57	1.57
100%		-30	5290096.48	96.48
100%		-20	5290095.05	95.05
100%		-10	5290074.96	74.96
100%		0	5290083.81	83.81
100%		+10	5290021.39	21.39
100%		+30	5290010.03	10.03
100%		+40	5290021.20	21.20
100%		+50	5290047.21	47.21
End. Point	3.60	+20	5290079.03	79.03

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530078.35	78.35
100%		-30	5530070.45	70.45
100%		-20	5530069.52	69.52
100%		-10	5530022.90	22.90
100%		0	5530024.42	24.42
100%		+10	5530032.02	32.02
100%		+30	5530023.36	23.36
100%		+40	5530057.82	57.82
100%		+50	5530027.22	27.22
End. Point	3.60	+20	5530096.66	96.66

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775021.75	21.75
100%		-30	5775091.72	91.72
100%		-20	5775061.95	61.95
100%		-10	5775065.15	65.15
100%		0	5775061.84	61.84
100%		+10	5775047.68	47.68
100%		+30	5775023.32	23.32
100%		+40	5775017.38	17.38
100%		+50	5775084.43	84.43
End. Point	3.60	+20	5775024.78	24.78

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210029.60	29.60
100%		-30	5210070.88	70.88
100%		-20	5210013.40	13.40
100%		-10	5210002.61	2.61
100%		0	5210069.16	69.16
100%		+10	5210080.41	80.41
100%		+30	5210077.45	77.45
100%		+40	5210039.80	39.80
100%		+50	5210023.74	23.74
End. Point	3.60	+20	5210059.96	59.96

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290095.86	95.86
100%		-30	5290086.31	86.31
100%		-20	5290099.08	99.08
100%		-10	5290099.87	99.87
100%		0	5290058.27	58.27
100%		+10	5290048.61	48.61
100%		+30	5290017.37	17.37
100%		+40	5290038.59	38.59
100%		+50	5290013.47	13.47
End. Point	3.60	+20	5290018.87	18.87

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530054.09	54.09
100%		-30	5530069.95	69.95
100%		-20	5530008.98	8.98
100%		-10	5530039.06	39.06
100%		0	5530039.78	39.78
100%		+10	5530095.64	95.64
100%		+30	5530082.47	82.47
100%		+40	5530088.70	88.70
100%		+50	5530074.91	74.91
End. Point	3.60	+20	5530019.67	19.67

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775040.48	40.48
100%		-30	5775001.72	1.72
100%		-20	5775069.81	69.81
100%		-10	5775094.10	94.10
100%		0	5775021.63	21.63
100%		+10	5775055.42	55.42
100%		+30	5775070.46	70.46
100%		+40	5775023.25	23.25
100%		+50	5775058.43	58.43
End. Point	3.60	+20	5775056.71	56.71

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210030.61	30.61
100%		-30	5210080.12	80.12
100%		-20	5210041.48	41.48
100%		-10	5210075.76	75.76
100%		0	5210001.71	1.71
100%		+10	5210073.88	73.88
100%		+30	5210053.14	53.14
100%		+40	5210044.88	44.88
100%		+50	5210081.95	81.95
End. Point	3.60	+20	5210006.05	6.05

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290025.68	25.68
100%		-30	5290096.91	96.91
100%		-20	5290042.84	42.84
100%		-10	5290089.11	89.11
100%		0	5290088.37	88.37
100%		+10	5290079.30	79.30
100%		+30	5290067.60	67.60
100%		+40	5290086.55	86.55
100%		+50	5290041.76	41.76
End. Point	3.60	+20	5290050.06	50.06

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530002.15	2.15
100%		-30	5530068.17	68.17
100%		-20	5530035.12	35.12
100%		-10	5530013.06	13.06
100%		0	5530061.62	61.62
100%		+10	5530007.30	7.30
100%		+30	5530024.16	24.16
100%		+40	5530074.24	74.24
100%		+50	5530099.90	99.90
End. Point	3.60	+20	5530016.11	16.11

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: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775078.61	78.61
100%		-30	5775059.46	59.46
100%		-20	5775033.40	33.40
100%		-10	5775097.11	97.11
100%		0	5775011.84	11.84
100%		+10	5775002.44	2.44
100%		+30	5775070.32	70.32
100%		+40	5775047.17	47.17
100%		+50	5775086.85	86.85
End. Point	3.60	+20	5775069.91	69.91

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.

10.7 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 = 40*log (specific distance / test distance) (dB)
3. Limit line = specific Limits (dBuV) + Distance extrapolation factor
4. The test results for below 30 MHz is correlated to an open site.
   The result on OATS is about 2 dB higher than semi-anechoic chamber(10 m chamber)

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	53.60	-1.02	V	52.58	68.20	15.62	PK
15540	51.62	-1.27	V	50.35	73.98	23.63	PK
15540	38.13	-1.27	V	36.86	53.98	17.12	AV
10360	54.32	-1.02	H	53.30	68.20	14.90	PK
15540	52.12	-1.27	H	50.85	73.98	23.13	PK
15540	38.37	-1.27	H	37.10	53.98	16.88	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	53.88	-0.29	V	53.59	68.20	14.61	PK
15600	52.39	-3.24	V	49.15	73.98	24.83	PK
15600	39.27	-3.24	V	36.03	53.98	17.95	AV
10400	54.86	-0.29	H	54.57	68.20	13.63	PK
15600	53.46	-3.24	H	50.22	73.98	23.76	PK
15600	39.56	-3.24	H	36.32	53.98	17.66	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	54.14	-3.09	V	51.05	68.20	17.15	PK
15720	51.20	-3.17	V	48.03	73.98	25.95	PK
15720	39.56	-3.17	V	36.39	53.98	17.59	AV
10480	54.80	-3.09	H	51.71	68.20	16.49	PK
15720	53.92	-3.17	H	50.75	73.98	23.23	PK
15720	39.76	-3.17	H	36.59	53.98	17.39	AV

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	54.66	-1.02	V	53.64	68.20	14.56	PK
15540	53.18	-1.27	V	51.91	73.98	22.07	PK
15540	38.24	-1.27	V	36.97	53.98	17.01	AV
10360	53.89	-1.02	H	52.87	68.20	15.33	PK
15540	52.11	-1.27	H	50.84	73.98	23.14	PK
15540	38.20	-1.27	H	36.93	53.98	17.05	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	54.12	-0.29	V	53.83	68.20	14.37	PK
15600	52.61	-3.24	V	49.37	73.98	24.61	PK
15600	39.30	-3.24	V	36.06	53.98	17.92	AV
10400	54.55	-0.29	H	54.26	68.20	13.94	PK
15600	53.51	-3.24	H	50.27	73.98	23.71	PK
15600	39.48	-3.24	H	36.24	53.98	17.74	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	53.90	-3.09	V	50.81	68.20	17.39	PK
15720	52.64	-3.17	V	49.47	73.98	24.51	PK
15720	39.51	-3.17	V	36.34	53.98	17.64	AV
10480	55.52	-3.09	H	52.43	68.20	15.77	PK
15720	53.93	-3.17	H	50.76	73.98	23.22	PK
15720	39.74	-3.17	H	36.57	53.98	17.41	AV

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	53.16	-1.02	V	52.14	68.20	16.06	PK
15540	52.88	-1.27	V	51.61	73.98	22.37	PK
15540	38.19	-1.27	V	36.92	53.98	17.06	AV
10360	53.67	-1.02	H	52.65	68.20	15.55	PK
15540	53.40	-1.27	H	52.13	73.98	21.85	PK
15540	38.10	-1.27	H	36.83	53.98	17.15	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	53.65	-0.29	V	53.36	68.20	14.84	PK
15600	52.42	-3.24	V	49.18	73.98	24.80	PK
15600	39.21	-3.24	V	35.97	53.98	18.01	AV
10400	54.73	-0.29	H	54.44	68.20	13.76	PK
15600	53.09	-3.24	H	49.85	73.98	24.13	PK
15600	39.42	-3.24	H	36.18	53.98	17.80	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	54.16	-3.09	V	51.07	68.20	17.13	PK
15720	52.47	-3.17	V	49.30	73.98	24.68	PK
15720	39.46	-3.17	V	36.29	53.98	17.69	AV
10480	55.48	-3.09	H	52.39	68.20	15.81	PK
15720	53.74	-3.17	H	50.57	73.98	23.41	PK
15720	39.60	-3.17	H	36.43	53.98	17.55	AV

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]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10380	53.63	-1.29	V	52.34	68.20	15.86	PK
15570	52.13	-1.21	V	50.92	73.98	23.06	PK
15570	39.70	-1.21	V	38.49	53.98	15.49	AV
10380	54.57	-1.29	H	53.28	68.20	14.92	PK
15570	52.68	-1.21	H	51.47	73.98	22.51	PK
15570	39.95	-1.21	H	38.74	53.98	15.24	AV

Band :	UNII 1
Operation Mode:	802.11 n(HT40)
Transfer MCS Index:	0
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	53.98	-1.52	V	52.46	68.20	15.74	PK
15690	53.26	-1.90	V	51.36	73.98	22.62	PK
15690	40.04	-1.90	V	38.14	53.98	15.84	AV
10460	54.36	-1.52	H	52.84	68.20	15.36	PK
15690	54.34	-1.90	H	52.44	73.98	21.54	PK
15690	40.26	-1.90	H	38.36	53.98	15.62	AV

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]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10380	54.16	-1.29	V	52.87	68.20	15.33	PK
15570	52.67	-1.21	V	51.46	73.98	22.52	PK
15570	39.56	-1.21	V	38.35	53.98	15.63	AV
10380	54.68	-1.29	H	53.39	68.20	14.81	PK
15570	53.42	-1.21	H	52.21	73.98	21.77	PK
15570	39.88	-1.21	H	38.67	53.98	15.31	AV

Band :	UNII 1
Operation Mode:	802.11 ac(VHT40)
Transfer MCS Index:	0
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	53.49	-1.52	V	51.97	68.20	16.23	PK
15690	53.48	-1.90	V	51.58	73.98	22.40	PK
15690	40.10	-1.90	V	38.20	53.98	15.78	AV
10460	54.61	-1.52	H	53.09	68.20	15.11	PK
15690	53.64	-1.90	H	51.74	73.98	22.24	PK
15690	40.19	-1.90	H	38.29	53.98	15.69	AV

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]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10420	53.57	-1.73	V	51.84	68.20	16.36	PK
15630	52.18	-1.86	V	50.32	73.98	23.66	PK
15630	41.26	-1.86	V	39.40	53.98	14.58	AV
10420	54.48	-1.73	H	52.75	68.20	15.45	PK
15630	52.86	-1.86	H	51.00	73.98	22.98	PK
15630	41.49	-1.86	H	39.63	53.98	14.35	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	54.24	-1.52	V	52.72	68.20	15.48	PK
15780	52.46	-2.64	V	49.82	73.98	24.16	PK
15780	39.38	-2.64	V	36.74	53.98	17.24	AV
10520	55.22	-1.52	H	53.70	68.20	14.50	PK
15780	53.44	-2.64	H	50.80	73.98	23.18	PK
15780	39.56	-2.64	H	36.92	53.98	17.06	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	53.44	-1.32	V	52.12	73.98	21.86	PK
10600	39.75	-1.32	V	38.43	53.98	15.55	AV
15900	52.08	-1.51	V	50.57	73.98	23.41	PK
15900	38.23	-1.51	V	36.72	53.98	17.26	AV
10600	53.75	-1.32	H	52.43	73.98	21.55	PK
10600	40.08	-1.32	H	38.76	53.98	15.22	AV
15900	52.48	-1.51	H	50.97	73.98	23.01	PK
15900	38.76	-1.51	H	37.25	53.98	16.73	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	52.58	-1.01	V	51.57	73.98	22.41	PK
10640	39.43	-1.01	V	38.42	53.98	15.56	AV
15960	53.26	-2.17	V	51.09	73.98	22.89	PK
15960	39.42	-2.17	V	37.25	53.98	16.73	AV
10640	53.56	-1.01	H	52.55	73.98	21.43	PK
10640	39.61	-1.01	H	38.60	53.98	15.38	AV
15960	54.33	-2.17	H	52.16	73.98	21.82	PK
15960	39.50	-2.17	H	37.33	53.98	16.65	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	54.62	-1.52	V	53.10	68.20	15.10	PK
15780	53.61	-2.64	V	50.97	73.98	23.01	PK
15780	39.32	-2.64	V	36.68	53.98	17.30	AV
10520	54.89	-1.52	H	53.37	68.20	14.83	PK
15780	54.11	-2.64	H	51.47	73.98	22.51	PK
15780	39.48	-2.64	H	36.84	53.98	17.14	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	52.55	-1.32	V	51.23	73.98	22.75	PK
10600	40.35	-1.32	V	39.03	53.98	14.95	AV
15900	52.12	-1.51	V	50.61	73.98	23.37	PK
15900	38.44	-1.51	V	36.93	53.98	17.05	AV
10600	54.16	-1.32	H	52.84	73.98	21.14	PK
10600	40.45	-1.32	H	39.13	53.98	14.85	AV
15900	52.25	-1.51	H	50.74	73.98	23.24	PK
15900	38.68	-1.51	H	37.17	53.98	16.81	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	53.10	-1.01	V	52.09	73.98	21.89	PK
10640	39.50	-1.01	V	38.49	53.98	15.49	AV
15960	53.19	-2.17	V	51.02	73.98	22.96	PK
15960	39.38	-2.17	V	37.21	53.98	16.77	AV
10640	52.98	-1.01	H	51.97	73.98	22.01	PK
10640	39.78	-1.01	H	38.77	53.98	15.21	AV
15960	53.61	-2.17	H	51.44	73.98	22.54	PK
15960	39.44	-2.17	H	37.27	53.98	16.71	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	53.28	-1.52	V	51.76	68.20	16.44	PK
15780	52.94	-2.64	V	50.30	73.98	23.68	PK
15780	39.35	-2.64	V	36.71	53.98	17.27	AV
10520	54.44	-1.52	H	52.92	68.20	15.28	PK
15780	53.49	-2.64	H	50.85	73.98	23.13	PK
15780	39.41	-2.64	H	36.77	53.98	17.21	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	52.43	-1.32	V	51.11	73.98	22.87	PK
10600	40.33	-1.32	V	39.01	53.98	14.97	AV
15900	53.42	-1.51	V	51.91	73.98	22.07	PK
15900	38.47	-1.51	V	36.96	53.98	17.02	AV
10600	53.48	-1.32	H	52.16	73.98	21.82	PK
10600	40.40	-1.32	H	39.08	53.98	14.90	AV
15900	52.97	-1.51	H	51.46	73.98	22.52	PK
15900	38.55	-1.51	H	37.04	53.98	16.94	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	52.64	-1.01	V	51.63	73.98	22.35	PK
10640	39.84	-1.01	V	38.83	53.98	15.15	AV
15960	52.54	-2.17	V	50.37	73.98	23.61	PK
15960	39.05	-2.17	V	36.88	53.98	17.10	AV
10640	53.61	-1.01	H	52.60	73.98	21.38	PK
10640	39.90	-1.01	H	38.89	53.98	15.09	AV
15960	52.96	-2.17	H	50.79	73.98	23.19	PK
15960	39.11	-2.17	H	36.94	53.98	17.04	AV

Band :	UNII 2A
Operation Mode:	802.11 n(HT40)
Transfer MCS Index:	0
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	52.86	-1.03	V	51.83	68.20	16.37	PK
15810	52.28	-2.29	V	49.99	73.98	23.99	PK
15810	39.25	-2.29	V	36.96	53.98	17.02	AV
10540	53.48	-1.03	H	52.45	68.20	15.75	PK
15810	53.06	-2.29	H	50.77	73.98	23.21	PK
15810	39.46	-2.29	H	37.17	53.98	16.81	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]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10620	52.05	-2.36	V	49.69	73.98	24.29	PK
10620	40.51	-2.36	V	38.15	53.98	15.83	AV
15930	52.44	-1.95	V	50.49	73.98	23.49	PK
15930	39.50	-1.95	V	37.55	53.98	16.43	AV
10620	53.56	-2.36	H	51.20	73.98	22.78	PK
10620	40.91	-2.36	H	38.55	53.98	15.43	AV
15930	52.27	-1.95	H	50.32	73.98	23.66	PK
15930	40.15	-1.95	H	38.20	53.98	15.78	AV

Band :	UNII 2A
Operation Mode:	802.11 ac(VHT40)
Transfer MCS Index:	0
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	53.24	-1.03	V	52.21	68.20	15.99	PK
15810	53.16	-2.29	V	50.87	73.98	23.11	PK
15810	39.28	-2.29	V	36.99	53.98	16.99	AV
10540	53.55	-1.03	H	52.52	68.20	15.68	PK
15810	53.45	-2.29	H	51.16	73.98	22.82	PK
15810	39.43	-2.29	H	37.14	53.98	16.84	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]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10620	53.78	-2.36	V	51.42	73.98	22.56	PK
10620	40.76	-2.36	V	38.40	53.98	15.58	AV
15930	53.16	-1.95	V	51.21	73.98	22.77	PK
15930	39.45	-1.95	V	37.50	53.98	16.48	AV
10620	53.55	-2.36	H	51.19	73.98	22.79	PK
10620	40.80	-2.36	H	38.44	53.98	15.54	AV
15930	53.16	-1.95	H	51.21	73.98	22.77	PK
15930	39.88	-1.95	H	37.93	53.98	16.05	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]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10580	52.91	-0.75	V	52.16	68.20	16.04	PK
15870	51.88	-2.64	V	49.24	73.98	24.74	PK
15870	40.66	-2.64	V	38.02	53.98	15.96	AV
10580	54.69	-0.75	H	53.94	68.20	14.26	PK
15870	52.53	-2.64	H	49.89	73.98	24.09	PK
15870	41.09	-2.64	H	38.45	53.98	15.53	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	52.88	0.37	V	53.25	73.98	20.73	PK
11000	39.35	0.37	V	39.72	53.98	14.26	AV
16500	51.78	0.03	V	51.81	68.20	16.39	PK
11000	52.80	0.37	H	53.17	73.98	20.81	PK
11000	39.37	0.37	H	39.74	53.98	14.24	AV
16500	52.48	0.03	H	52.51	68.20	15.69	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	51.87	-1.31	V	50.56	73.98	23.42	PK
11200	39.17	-1.31	V	37.86	53.98	16.12	AV
16800	51.53	1.66	V	53.19	68.20	15.01	PK
11200	53.49	-1.31	H	52.18	73.98	21.80	PK
11200	39.38	-1.31	H	38.07	53.98	15.91	AV
16800	51.70	1.66	H	53.36	68.20	14.84	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	52.33	0.22	V	52.55	73.98	21.43	PK
11440	38.86	0.22	V	39.08	53.98	14.90	AV
17160	50.41	1.94	V	52.35	68.20	15.85	PK
11440	53.05	0.22	H	53.27	73.98	20.71	PK
11440	39.51	0.22	H	39.73	53.98	14.25	AV
17160	50.66	1.94	H	52.60	68.20	15.60	PK

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	52.85	0.37	V	53.22	73.98	20.76	PK
11000	39.25	0.37	V	39.62	53.98	14.36	AV
16500	50.49	0.03	V	50.52	68.20	17.68	PK
11000	53.11	0.37	H	53.48	73.98	20.50	PK
11000	39.33	0.37	H	39.70	53.98	14.28	AV
16500	52.16	0.03	H	52.19	68.20	16.01	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	52.89	-1.31	V	51.58	73.98	22.40	PK
11200	39.30	-1.31	V	37.99	53.98	15.99	AV
16800	50.44	1.66	V	52.10	68.20	16.10	PK
11200	53.44	-1.31	H	52.13	73.98	21.85	PK
11200	39.25	-1.31	H	37.94	53.98	16.04	AV
16800	51.56	1.66	H	53.22	68.20	14.98	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	52.16	0.22	V	52.38	73.98	21.60	PK
11440	39.40	0.22	V	39.62	53.98	14.36	AV
17160	49.85	1.94	V	51.79	68.20	16.41	PK
11440	53.15	0.22	H	53.37	73.98	20.61	PK
11440	39.48	0.22	H	39.70	53.98	14.28	AV
17160	50.77	1.94	H	52.71	68.20	15.49	PK

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	53.12	0.37	V	53.49	73.98	20.49	PK
11000	39.16	0.37	V	39.53	53.98	14.45	AV
16500	49.99	0.03	V	50.02	68.20	18.18	PK
11000	51.75	0.37	H	52.12	73.98	21.86	PK
11000	39.25	0.37	H	39.62	53.98	14.36	AV
16500	51.84	0.03	H	51.87	68.20	16.33	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	53.12	-1.31	V	51.81	73.98	22.17	PK
11200	39.36	-1.31	V	38.05	53.98	15.93	AV
16800	50.84	1.66	V	52.50	68.20	15.70	PK
11200	53.47	-1.31	H	52.16	73.98	21.82	PK
11200	39.29	-1.31	H	37.98	53.98	16.00	AV
16800	39.29	1.66	H	40.95	68.20	27.25	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	52.47	0.22	V	52.69	73.98	21.29	PK
11440	39.32	0.22	V	39.54	53.98	14.44	AV
17160	50.78	1.94	V	52.72	68.20	15.48	PK
11440	53.66	0.22	H	53.88	73.98	20.10	PK
11440	39.51	0.22	H	39.73	53.98	14.25	AV
17160	51.42	1.94	H	53.36	68.20	14.84	PK

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]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11020	52.75	0.07	V	52.82	73.98	21.16	PK
11020	39.60	0.07	V	39.67	53.98	14.31	AV
16530	52.24	-0.71	V	51.53	68.20	16.67	PK
11020	53.60	0.07	H	53.67	73.98	20.31	PK
11020	40.70	0.07	H	40.77	53.98	13.21	AV
16530	52.53	-0.71	H	51.82	68.20	16.38	PK

Band :	UNII 2C
Operation Mode:	802.11 n(HT40)
Transfer MCS Index:	0
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	52.44	-1.03	V	51.41	73.98	22.57	PK
11180	39.93	-1.03	V	38.90	53.98	15.08	AV
16770	51.72	2.85	V	54.57	68.20	13.63	PK
11180	53.59	-1.03	H	52.56	73.98	21.42	PK
11180	40.50	-1.03	H	39.47	53.98	14.51	AV
16770	51.88	2.85	H	54.73	68.20	13.47	PK

Band :	UNII 2C
Operation Mode:	802.11 n(HT40)
Transfer MCS Index:	0
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	52.82	-0.15	V	52.67	73.98	21.31	PK
11420	39.78	-0.15	V	39.63	53.98	14.35	AV
17130	50.80	4.39	V	55.19	68.20	13.01	PK
11420	53.31	-0.15	H	53.16	73.98	20.82	PK
11420	39.97	-0.15	H	39.82	53.98	14.16	AV
17130	51.11	4.39	H	55.50	68.20	12.70	PK

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]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11020	53.66	0.07	V	53.73	73.98	20.25	PK
11020	40.37	0.07	V	40.44	53.98	13.54	AV
16530	53.17	-0.71	V	52.46	68.20	15.74	PK
11020	52.41	0.07	H	52.48	73.98	21.50	PK
11020	40.65	0.07	H	40.72	53.98	13.26	AV
16530	52.94	-0.71	H	52.23	68.20	15.97	PK

Band :	UNII 2C
Operation Mode:	802.11 ac(VHT40)
Transfer MCS Index:	0
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	51.73	-1.03	V	50.70	73.98	23.28	PK
11180	40.25	-1.03	V	39.22	53.98	14.76	AV
16770	51.64	2.85	V	54.49	68.20	13.71	PK
11180	52.47	-1.03	H	51.44	73.98	22.54	PK
11180	40.44	-1.03	H	39.41	53.98	14.57	AV
16770	50.55	2.85	H	53.40	68.20	14.80	PK

Band :	UNII 2C
Operation Mode:	802.11 ac(VHT40)
Transfer MCS Index:	0
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	52.43	-0.15	V	52.28	73.98	21.70	PK
11420	39.85	-0.15	V	39.70	53.98	14.28	AV
17130	50.48	4.39	V	54.87	68.20	13.33	PK
11420	53.11	-0.15	H	52.96	73.98	21.02	PK
11420	39.94	-0.15	H	39.79	53.98	14.19	AV
17130	51.26	4.39	H	55.65	68.20	12.55	PK

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]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11060	52.52	-0.38	V	52.14	73.98	21.84	PK
11060	41.51	-0.38	V	41.13	53.98	12.85	AV
16590	51.33	1.18	V	52.51	68.20	15.69	PK
11060	52.96	-0.38	H	52.58	73.98	21.40	PK
11060	41.76	-0.38	H	41.38	53.98	12.60	AV
16590	51.51	1.18	H	52.69	68.20	15.51	PK

Band :	UNII 2C
Operation Mode:	802.11 ac(VHT80)
Transfer MCS Index:	0
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	52.06	-0.42	V	51.64	73.98	22.34	PK
11220	41.21	-0.42	V	40.79	53.98	13.19	AV
16830	51.22	2.52	V	53.74	68.20	14.46	PK
11220	53.57	-0.42	H	53.15	73.98	20.83	PK
11220	41.30	-0.42	H	40.88	53.98	13.10	AV
16830	52.68	2.52	H	55.20	68.20	13.00	PK

Band :	UNII 2C
Operation Mode:	802.11 ac(VHT80)
Transfer MCS Index:	0
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	52.56	-0.42	V	52.14	73.98	21.84	PK
11380	41.67	-0.42	V	41.25	53.98	12.73	AV
17070	50.99	2.52	V	53.51	68.20	14.69	PK
11380	53.93	-0.42	H	53.51	73.98	20.47	PK
11380	41.86	-0.42	H	41.44	53.98	12.54	AV
17070	51.67	2.52	H	54.19	68.20	14.01	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	52.58	-0.59	V	51.99	73.98	21.99	PK
11490	40.03	-0.59	V	39.44	53.98	14.54	AV
17235	50.86	3.63	V	54.49	68.20	13.71	PK
11490	53.41	-0.59	H	52.82	73.98	21.16	PK
11490	40.16	-0.59	H	39.57	53.98	14.41	AV
17235	51.29	3.63	H	54.92	68.20	13.28	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	51.54	-0.97	V	50.57	73.98	23.41	PK
11570	39.93	-0.97	V	38.96	53.98	15.02	AV
17355	49.84	5.02	V	54.86	68.20	13.34	PK
11570	53.56	-0.97	H	52.59	73.98	21.39	PK
11570	39.95	-0.97	H	38.98	53.98	15.00	AV
17355	50.06	5.02	H	55.08	68.20	13.12	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	53.46	-1.70	V	51.76	73.98	22.22	PK
11650	39.75	-1.70	V	38.05	53.98	15.93	AV
17475	51.18	5.75	V	56.93	68.20	11.27	PK
11650	53.23	-1.70	H	51.53	73.98	22.45	PK
11650	39.93	-1.70	H	38.23	53.98	15.75	AV
17475	50.60	5.75	H	56.35	68.20	11.85	PK

[RSDB]

Operation Mode Antenna 1:	802.11b
Transfer Rate:	1 Mbps
Operating Frequency	2462 MHz
Channel No.	11 Ch

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	53.38	-1.70	V	51.68	73.98	22.30	PK
11650	39.54	-1.70	V	37.84	53.98	16.14	AV
17475	51.62	5.75	V	57.37	68.20	10.83	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	53.18	-0.59	V	52.59	73.98	21.39	PK
11490	39.96	-0.59	V	39.37	53.98	14.61	AV
17235	50.99	3.63	V	54.62	68.20	13.58	PK
11490	54.46	-0.59	H	53.87	73.98	20.11	PK
11490	40.04	-0.59	H	39.45	53.98	14.53	AV
17235	51.42	3.63	H	55.05	68.20	13.15	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	52.68	-0.97	V	51.71	73.98	22.27	PK
11570	39.91	-0.97	V	38.94	53.98	15.04	AV
17355	49.94	5.02	V	54.96	68.20	13.24	PK
11570	53.41	-0.97	H	52.44	73.98	21.54	PK
11570	39.88	-0.97	H	38.91	53.98	15.07	AV
17355	50.16	5.02	H	55.18	68.20	13.02	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	53.34	-1.70	V	51.64	73.98	22.34	PK
11650	39.66	-1.70	V	37.96	53.98	16.02	AV
17475	50.78	5.75	V	56.53	68.20	11.67	PK
11650	53.11	-1.70	H	51.41	73.98	22.57	PK
11650	39.51	-1.70	H	37.81	53.98	16.17	AV
17475	50.33	5.75	H	56.08	68.20	12.12	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	52.60	-0.59	V	52.01	73.98	21.97	PK
11490	39.78	-0.59	V	39.19	53.98	14.79	AV
17235	51.62	3.63	V	55.25	68.20	12.95	PK
11490	53.44	-0.59	H	52.85	73.98	21.13	PK
11490	39.99	-0.59	H	39.40	53.98	14.58	AV
17235	52.49	3.63	H	56.12	68.20	12.08	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	52.54	-0.97	V	51.57	73.98	22.41	PK
11570	39.81	-0.97	V	38.84	53.98	15.14	AV
17355	50.13	5.02	V	55.15	68.20	13.05	PK
11570	53.67	-0.97	H	52.70	73.98	21.28	PK
11570	39.85	-0.97	H	38.88	53.98	15.10	AV
17355	50.58	5.02	H	55.60	68.20	12.60	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	53.18	-1.70	V	51.48	73.98	22.50	PK
11650	39.68	-1.70	V	37.98	53.98	16.00	AV
17475	50.71	5.75	V	56.46	68.20	11.74	PK
11650	53.89	-1.70	H	52.19	73.98	21.79	PK
11650	39.72	-1.70	H	38.02	53.98	15.96	AV
17475	51.22	5.75	H	56.97	68.20	11.23	PK

Band :	UNII 3
Operation Mode:	802.11 n(HT40)
Transfer MCS Index:	0
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	51.82	-0.63	V	51.19	73.98	22.79	PK
11510	40.15	-0.63	V	39.52	53.98	14.46	AV
17265	50.38	4.53	V	54.91	68.20	13.29	PK
11510	52.98	-0.63	H	52.35	73.98	21.63	PK
11510	40.38	-0.63	H	39.75	53.98	14.23	AV
17265	51.25	4.53	H	55.78	68.20	12.42	PK

Band :	UNII 3
Operation Mode:	802.11 n(HT40)
Transfer MCS Index:	0
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	52.13	-0.53	V	51.60	73.98	22.38	PK
11590	39.89	-0.53	V	39.36	53.98	14.62	AV
17385	49.82	4.95	V	54.77	68.20	13.43	PK
11590	53.22	-0.53	H	52.69	73.98	21.29	PK
11590	40.47	-0.53	H	39.94	53.98	14.04	AV
17385	50.41	4.95	H	55.36	68.20	12.84	PK

Band :	UNII 3
Operation Mode:	802.11 ac(VHT40)
Transfer MCS Index:	0
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	52.54	-0.63	V	51.91	73.98	22.07	PK
11510	40.28	-0.63	V	39.65	53.98	14.33	AV
17265	50.89	4.53	V	55.42	68.20	12.78	PK
11510	53.09	-0.63	H	52.46	73.98	21.52	PK
11510	40.43	-0.63	H	39.80	53.98	14.18	AV
17265	51.37	4.53	H	55.90	68.20	12.30	PK

Band :	UNII 3
Operation Mode:	802.11 ac(VHT40)
Transfer MCS Index:	0
Operating Frequency	5795 MHz
Channel No.	159 Ch

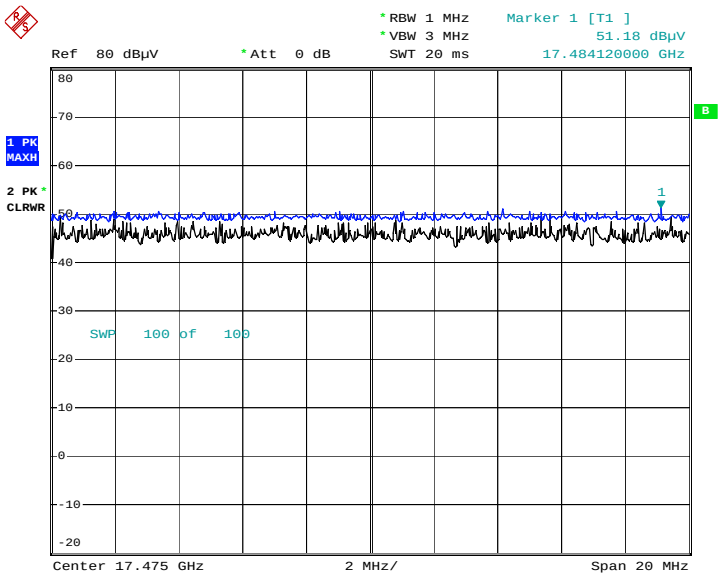
Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11590	53.68	-0.53	V	53.15	73.98	20.83	PK
11590	40.22	-0.53	V	39.69	53.98	14.29	AV
17385	50.17	4.95	V	55.12	68.20	13.08	PK
11590	53.74	-0.53	H	53.21	73.98	20.77	PK
11590	40.38	-0.53	H	39.85	53.98	14.13	AV
17385	49.85	4.95	H	54.80	68.20	13.40	PK

Band :	UNII 3
Operation Mode:	802.11 ac(VHT80)
Transfer MCS Index:	0
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	52.90	-0.48	V	52.42	73.98	21.56	PK
11550	41.65	-0.48	V	41.17	53.98	12.81	AV
17325	50.03	5.28	V	55.31	68.20	12.89	PK
11550	53.38	-0.48	H	52.90	73.98	21.08	PK
11550	41.89	-0.48	H	41.41	53.98	12.57	AV
17325	51.68	5.28	H	56.96	68.20	11.24	PK

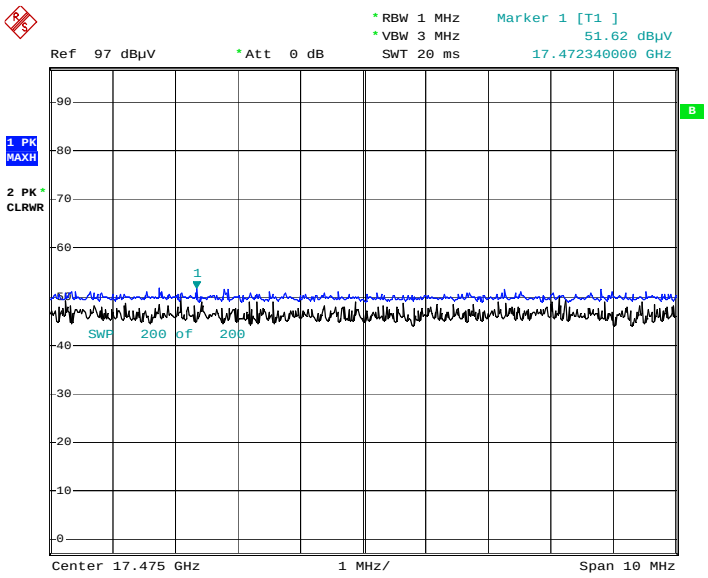
▣ Test Plots

Peak Reading (802.11a, Ch.165 3rd Harmonic, X-V)_[MIMO]



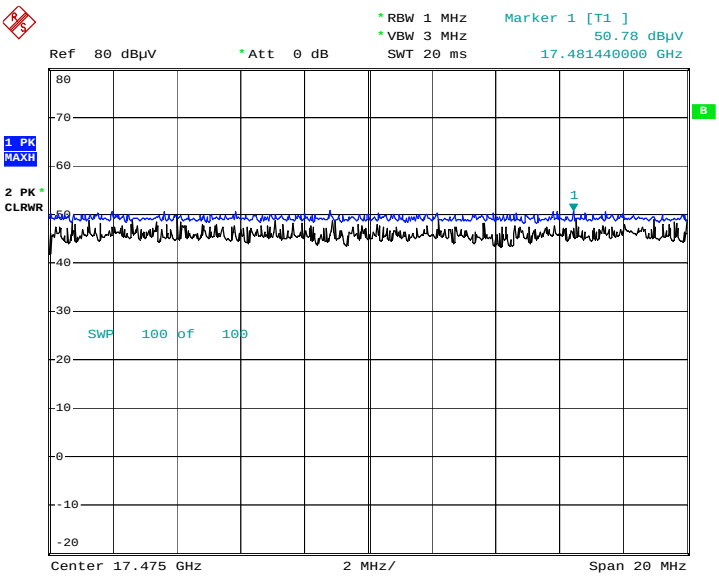
Date: 16.NOV.2018 09:46:36

Peak Reading (802.11a, Ch.165 3rd Harmonic, X-V)_[RSDB]



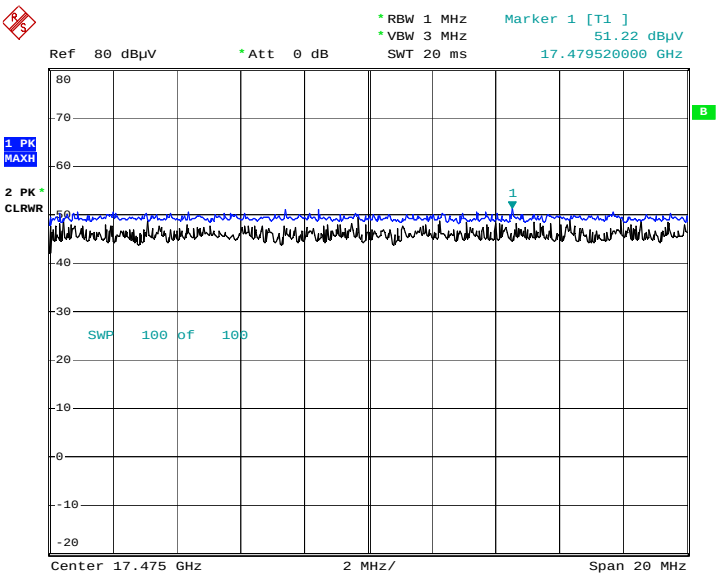
Date: 19.NOV.2018 16:02:40

Peak Reading (802.11n_HT20, Ch.165 3rd Harmonic, X-V) _[MIMO]



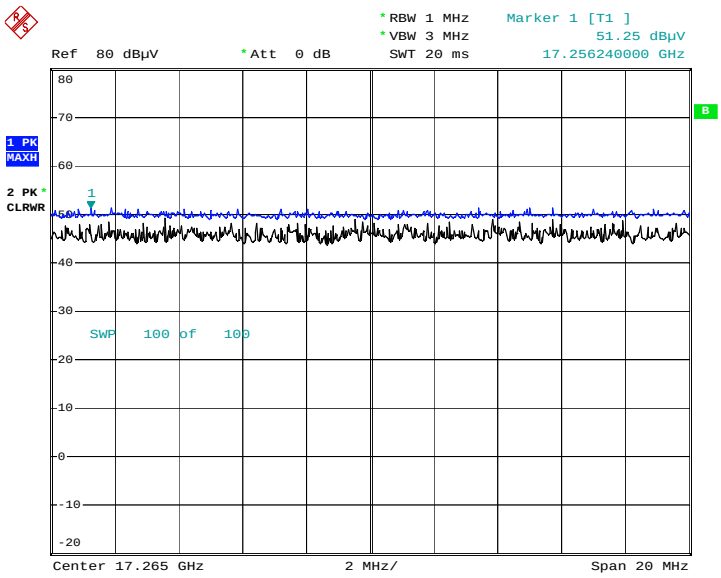
Date: 16.NOV.2018 09:47:14

Peak Reading (802.11ac_VHT20, Ch.165 3rd Harmonic, X-H) _[MIMO]



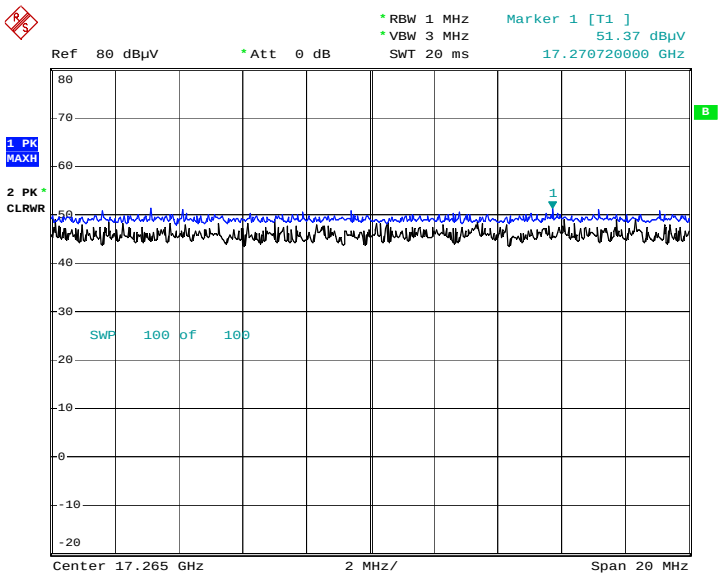
Date: 16.NOV.2018 09:47:38

Peak Reading (802.11n_HT40, Ch.151 3rd Harmonic, X-H) _[MIMO]



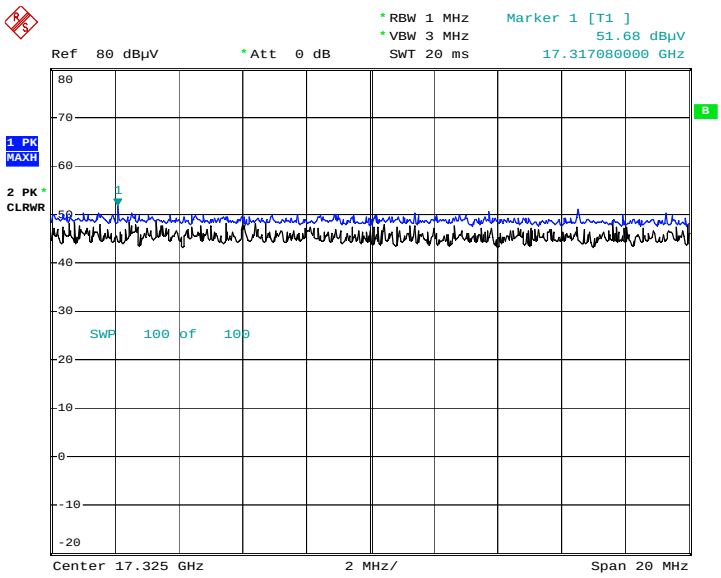
Date: 16.NOV.2018 09:48:57

Peak Reading (802.11ac_VHT40, Ch.151 3rd Harmonic, X-H) _[MIMO]



Date: 16.NOV.2018 09:49:27

Peak Reading (802.11ac_VHT80, Ch.155 3rd Harmonic, X-H) _[MIMO]



Date: 16.NOV.2018 09:49:51

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

10.8 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	59.40	5.07	H	64.47	73.98	9.51	PK
5150	45.38	5.07	H	50.45	53.98	3.53	AV
5150	59.54	5.07	V	64.61	73.98	9.37	PK
5150	44.59	5.07	V	49.66	53.98	4.32	AV

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	53.15	5.07	H	58.22	73.98	15.76	PK
5150	39.82	5.07	H	44.89	53.98	9.09	AV
5150	52.85	5.07	V	57.92	73.98	16.06	PK
5150	39.61	5.07	V	44.68	53.98	9.30	AV

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	52.50	5.07	H	57.57	73.98	16.41	PK
5150	39.43	5.07	H	44.5	53.98	9.48	AV
5150	51.37	5.07	V	56.44	73.98	17.54	PK
5150	39.16	5.07	V	44.23	53.98	9.75	AV

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	57.52	5.07	H	62.59	73.98	11.39	PK
5150	44.94	5.07	H	50.01	53.98	3.97	AV
5150	56.51	5.07	V	61.58	73.98	12.40	PK
5150	44.61	5.07	V	49.68	53.98	4.30	AV

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	55.27	5.07	H	60.34	73.98	13.64	PK
5150	43.11	5.07	H	48.18	53.98	5.80	AV
5150	54.79	5.07	V	59.86	73.98	14.12	PK
5150	42.45	5.07	V	47.52	53.98	6.46	AV

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	55.71	5.07	H	60.78	73.98	13.20	PK
5150	45.08	5.07	H	50.15	53.98	3.83	AV
5150	55.08	5.07	V	60.15	73.98	13.83	PK
5150	44.72	5.07	V	49.79	53.98	4.19	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	57.17	4.42	H	61.59	73.98	12.39	PK
5350	43.63	4.42	H	48.05	53.98	5.93	AV
5350	56.59	4.42	V	61.01	73.98	12.97	PK
5350	43.15	4.42	V	47.57	53.98	6.41	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	56.26	4.42	H	60.68	73.98	13.30	PK
5350	41.79	4.42	H	46.21	53.98	7.77	AV
5350	55.87	4.42	V	60.29	73.98	13.69	PK
5350	41.32	4.42	V	45.74	53.98	8.24	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	54.04	4.42	H	58.46	73.98	15.52	PK
5350	40.09	4.42	H	44.51	53.98	9.47	AV
5350	53.25	4.42	V	57.67	73.98	16.31	PK
5350	39.56	4.42	V	43.98	53.98	10.00	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	59.07	4.42	H	63.49	73.98	10.49	PK
5350	45.58	4.42	H	50	53.98	3.98	AV
5350	58.11	4.42	V	62.53	73.98	11.45	PK
5350	44.89	4.42	V	49.31	53.98	4.67	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	57.35	4.42	H	61.77	73.98	12.21	PK
5350	43.43	4.42	H	47.85	53.98	6.13	AV
5350	56.68	4.42	V	61.1	73.98	12.88	PK
5350	43.05	4.42	V	47.47	53.98	6.51	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	56.95	4.42	H	61.37	73.98	12.61	PK
5350	45.76	4.42	H	50.18	53.98	3.80	AV
5350	55.29	4.42	V	59.71	73.98	14.27	PK
5350	45.35	4.42	V	49.77	53.98	4.21	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	52.33	5.72	H	58.05	73.98	15.93	PK
5460	38.58	5.72	H	44.3	53.98	9.68	AV
5470	62.18	5.26	H	67.44	73.98	6.54	PK
5470	45.14	5.26	H	50.4	53.98	3.58	AV
5460	53.53	5.72	V	59.25	73.98	14.73	PK
5460	38.24	5.72	V	43.96	53.98	10.02	AV
5470	60.97	5.26	V	66.23	73.98	7.75	PK
5470	44.62	5.26	V	49.88	53.98	4.10	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	50.15	5.72	H	55.87	73.98	18.11	PK
5460	36.97	5.72	H	42.69	53.98	11.29	AV
5470	56.06	5.26	H	61.32	73.98	12.66	PK
5470	41.02	5.26	H	46.28	53.98	7.70	AV
5460	49.15	5.72	V	54.87	73.98	19.11	PK
5460	36.87	5.72	V	42.59	53.98	11.39	AV
5470	55.31	5.26	V	60.57	73.98	13.41	PK
5470	40.74	5.26	V	46	53.98	7.98	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	49.81	5.72	H	55.53	73.98	18.45	PK
5460	35.67	5.72	H	41.39	53.98	12.59	AV
5470	50.76	5.26	H	56.02	68.20	12.18	PK
5460	49.77	5.72	V	55.49	73.98	18.49	PK
5460	35.48	5.72	V	41.2	53.98	12.78	AV
5470	50.35	5.26	V	55.61	68.20	12.59	PK

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	54.12	5.72	H	59.84	73.98	14.14	PK
5460	39.16	5.72	H	44.88	53.98	9.10	AV
5470	59.72	5.26	H	64.98	73.98	9.00	PK
5470	45.59	5.26	H	50.85	53.98	3.13	AV
5460	53.65	5.72	V	59.37	73.98	14.61	PK
5460	38.74	5.72	V	44.46	53.98	9.52	AV
5470	58.99	5.26	V	64.25	73.98	9.73	PK
5470	45.12	5.26	V	50.38	53.98	3.60	AV

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

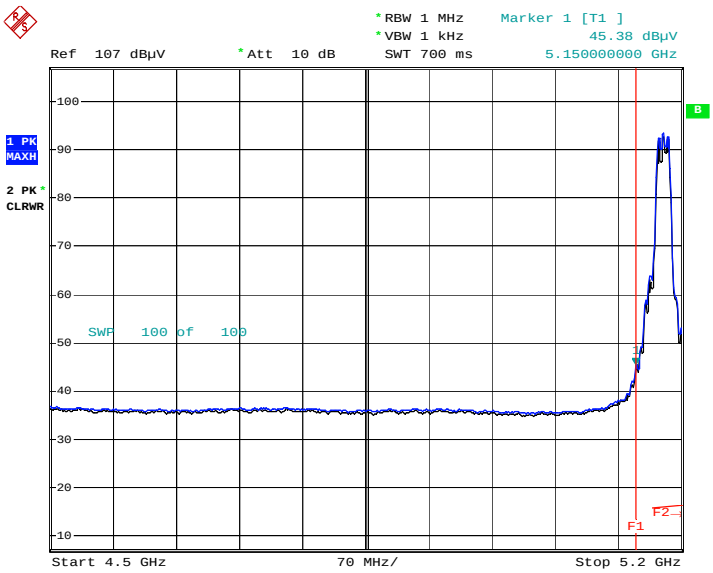
Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	53.92	5.72	H	59.64	73.98	14.34	PK
5460	38.86	5.72	H	44.58	53.98	9.40	AV
5470	60.39	5.26	H	65.65	73.98	8.33	PK
5470	45.52	5.26	H	50.78	53.98	3.20	AV
5460	52.99	5.72	V	58.71	73.98	15.27	PK
5460	38.45	5.72	V	44.17	53.98	9.81	AV
5470	59.61	5.26	V	64.87	73.98	9.11	PK
5470	45.08	5.26	V	50.34	53.98	3.64	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	54.18	5.72	H	59.90	73.98	14.08	PK
5460	43.85	5.72	H	49.57	53.98	4.41	AV
5470	58.14	5.26	H	63.4	68.20	4.80	PK
5460	53.58	5.72	V	59.3	73.98	14.68	PK
5460	43.60	5.72	V	49.32	53.98	4.66	AV
5470	57.25	5.26	V	62.51	68.20	5.69	PK

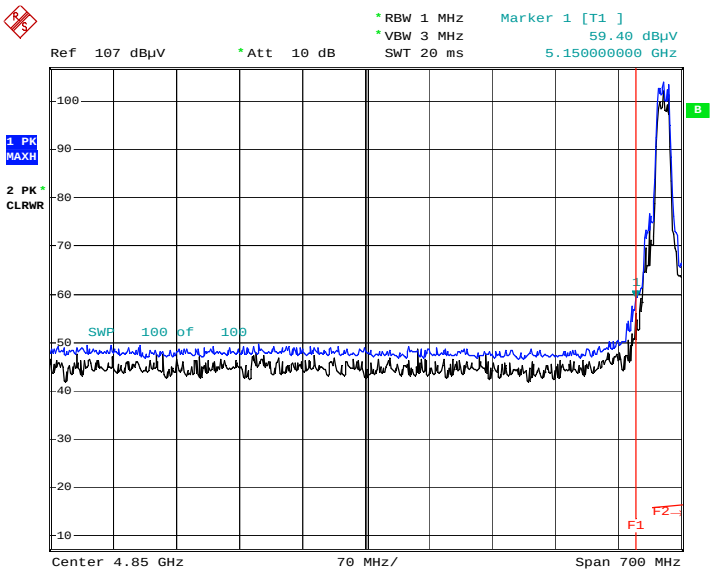
▣ Test Plots(UNII 1, 2A, 2C)

Average Reading (802.11a, Ch.36, Y-H)



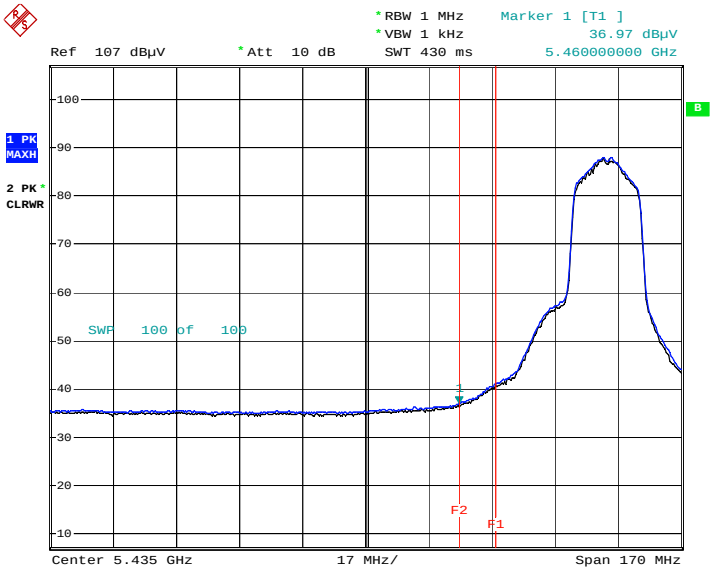
Date: 1.NOV.2018 13:10:34

Peak Reading (802.11a, Ch.36, Y-H)



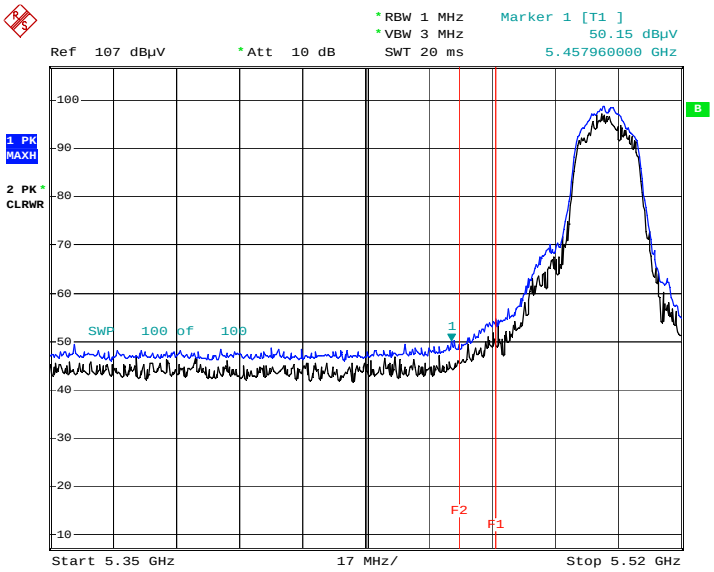
Date: 1.NOV.2018 13:11:17

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



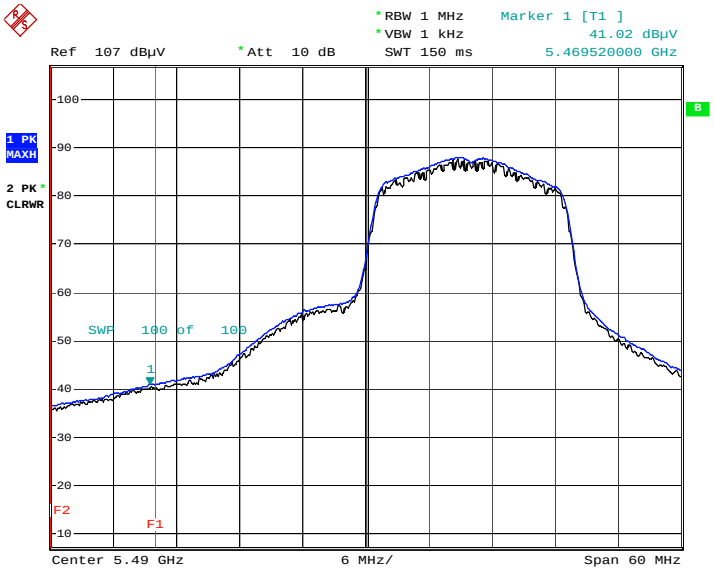
Date: 1.NOV.2018 13:22:21

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



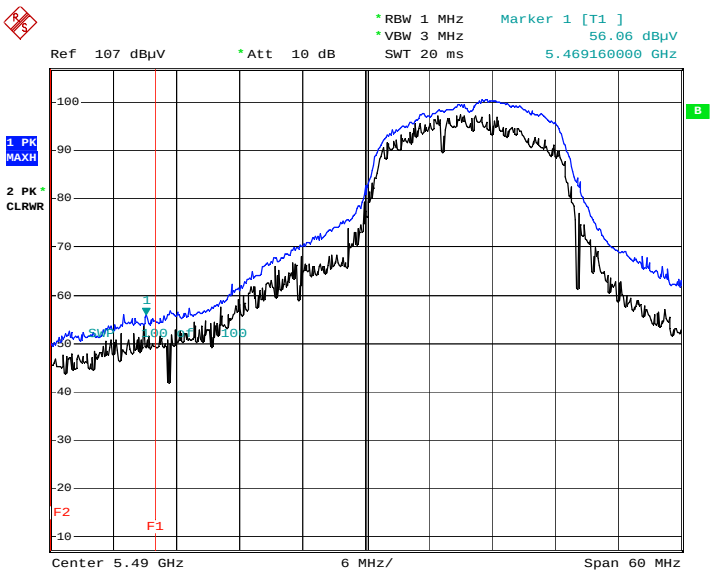
Date: 1.NOV.2018 13:21:05

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



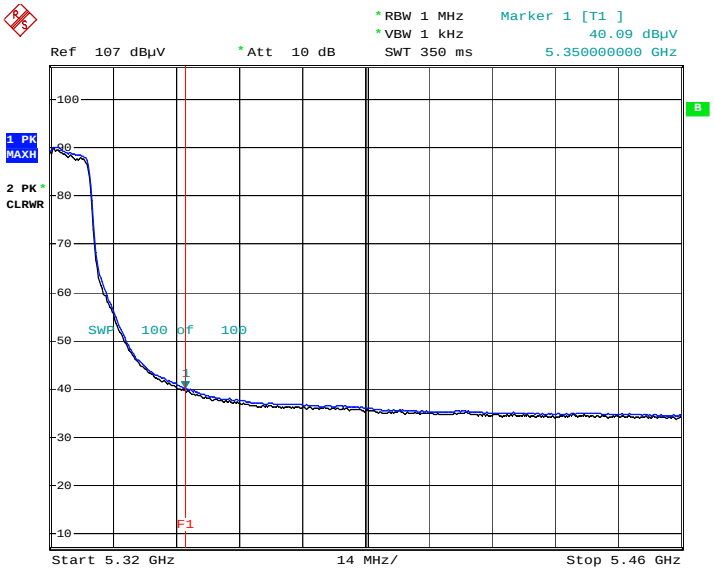
Date: 1.NOV.2018 13:18:20

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



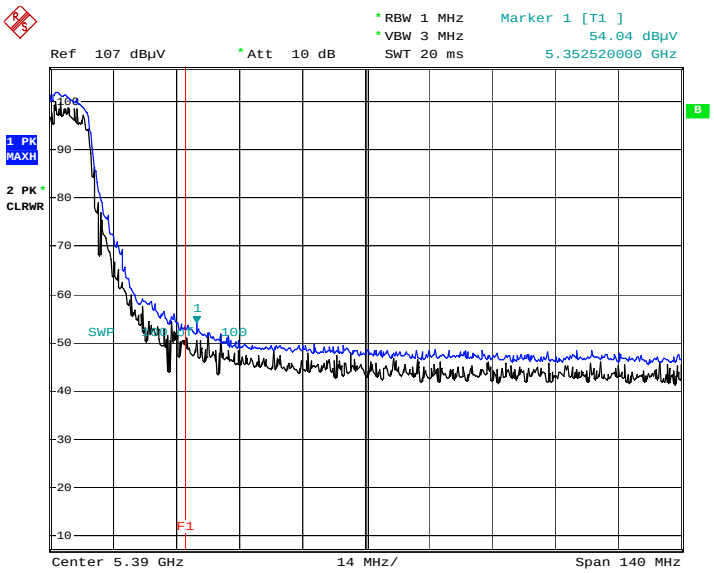
Date: 1.NOV.2018 13:20:28

Average Reading (802.11ac_VHT20, Ch.64, Z-H)



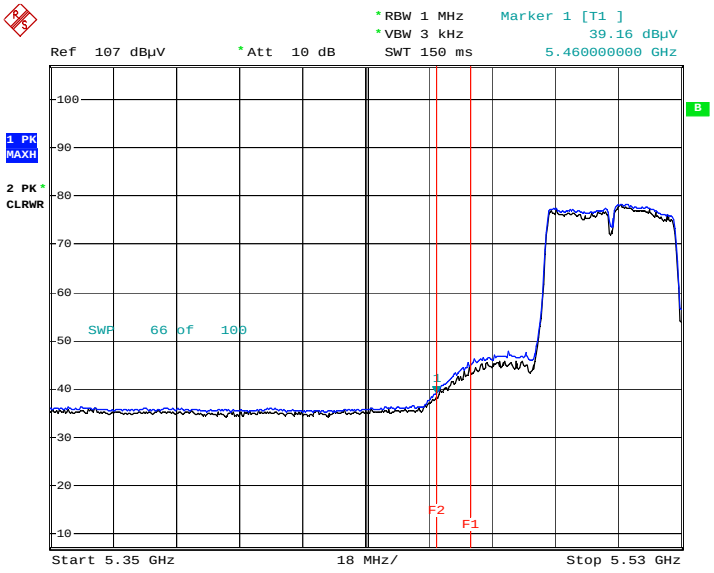
Date: 1.NOV.2018 10:26:49

Peak Reading (802.11ac_VHT20, Ch.64, Z-H)



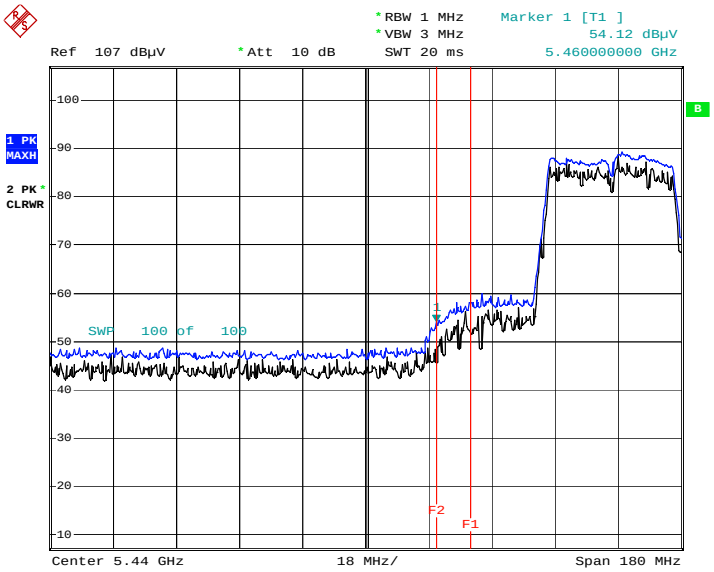
Date: 1.NOV.2018 10:27:36

Average Reading (802.11n_HT40, Ch.102, Y-H)



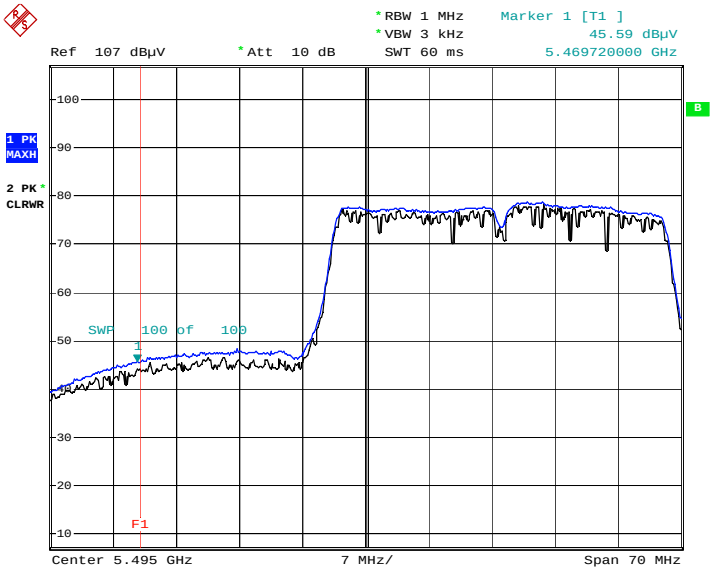
Date: 1.NOV.2018 11:25:39

Peak Reading (802.11n_HT40, Ch.102, Y-H)



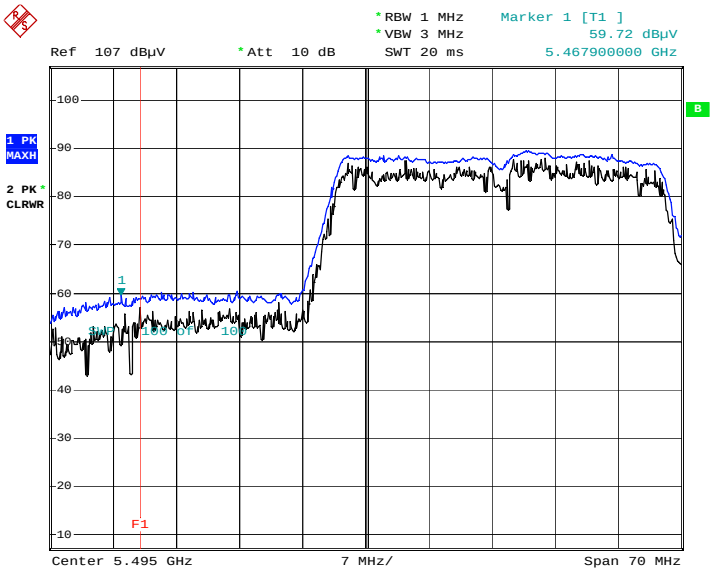
Date: 1.NOV.2018 11:26:15

Average Reading (802.11n_HT40, Ch.102, Y-H)



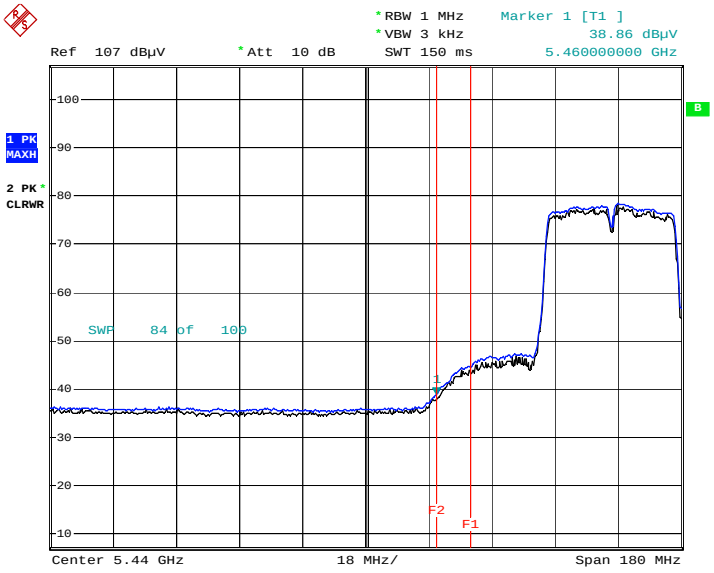
Date: 1.NOV.2018 11:23:20

Peak Reading (802.11n_HT40, Ch.102, Y-H)



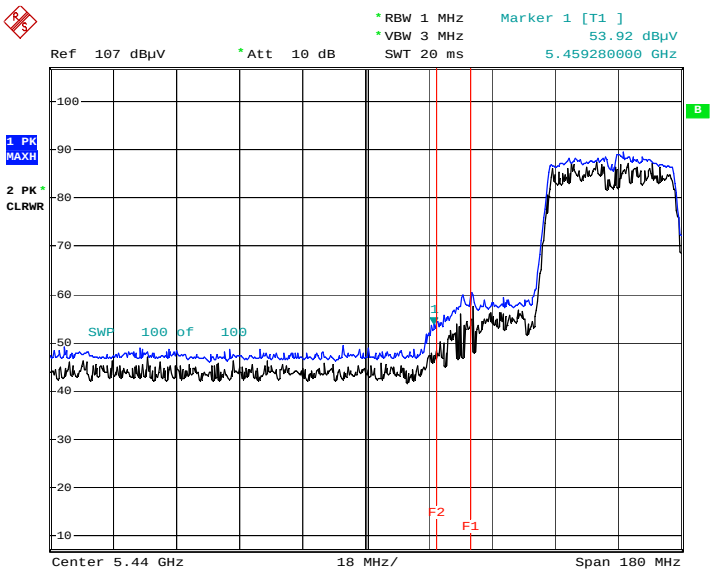
Date: 1.NOV.2018 11:25:07

Average Reading (802.11ac_VHT40, Ch.102, Y-H)



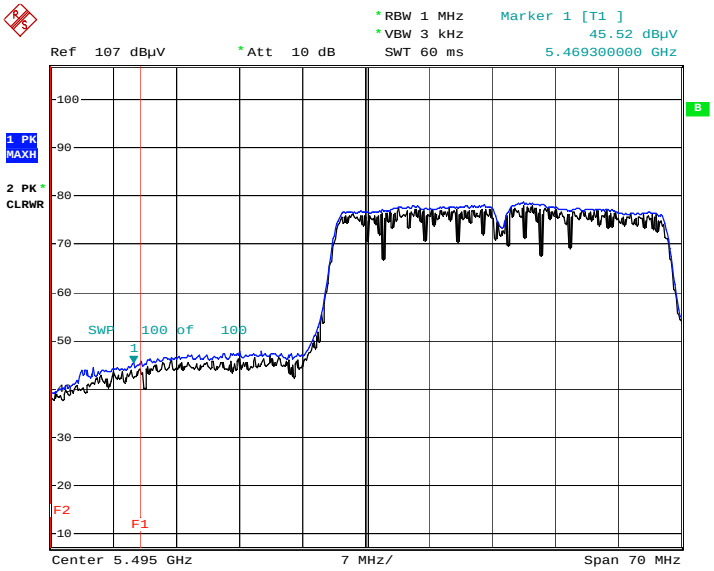
Date: 1.NOV.2018 11:29:14

Peak Reading (802.11ac_VHT40, Ch.102, Y-H)



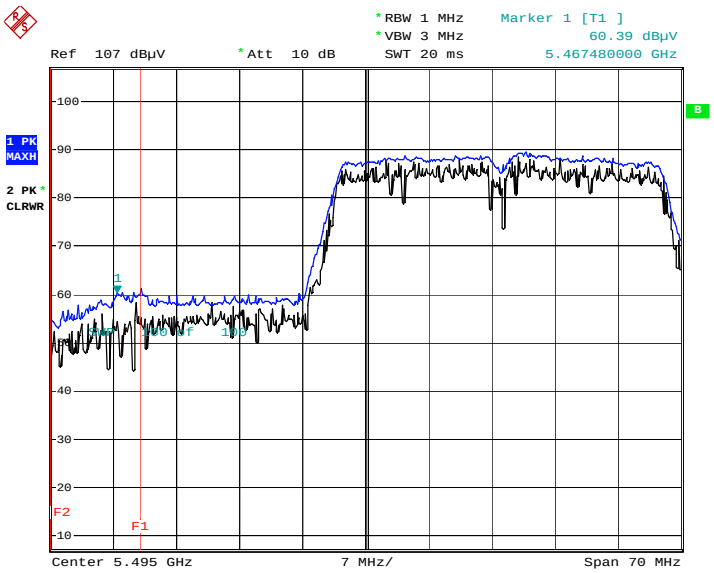
Date: 1.NOV.2018 11:29:55

Average Reading (802.11ac_VHT40, Ch.102, Y-H)



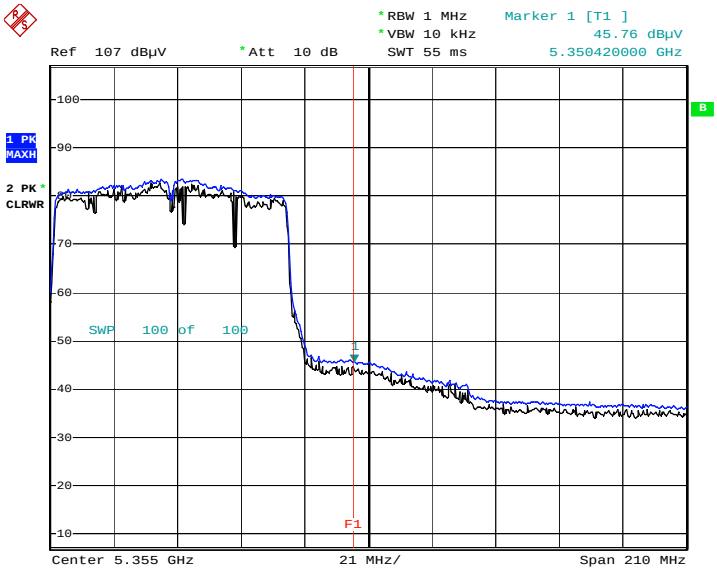
Date: 1.NOV.2018 11:27:20

Peak Reading (802.11ac_VHT40, Ch.102, Y-H)



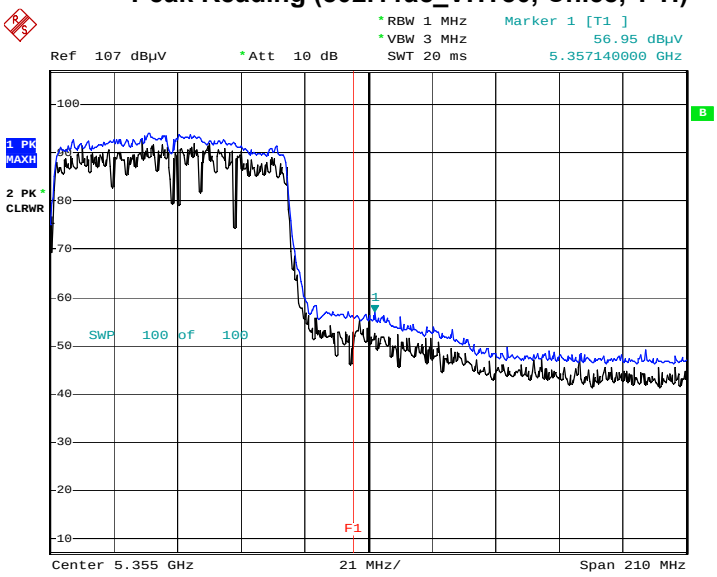
Date: 1.NOV.2018 11:28:33

Average Reading (802.11ac_VHT80, Ch.58, Y-H)



Date: 1.NOV.2018 11:15:36

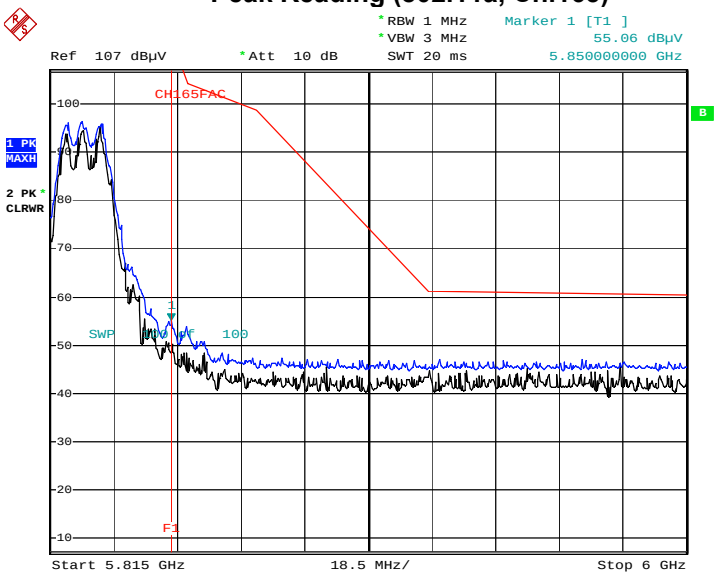
Peak Reading (802.11ac_VHT80, Ch.58, Y-H)



Date: 1.NOV.2018 11:16:46

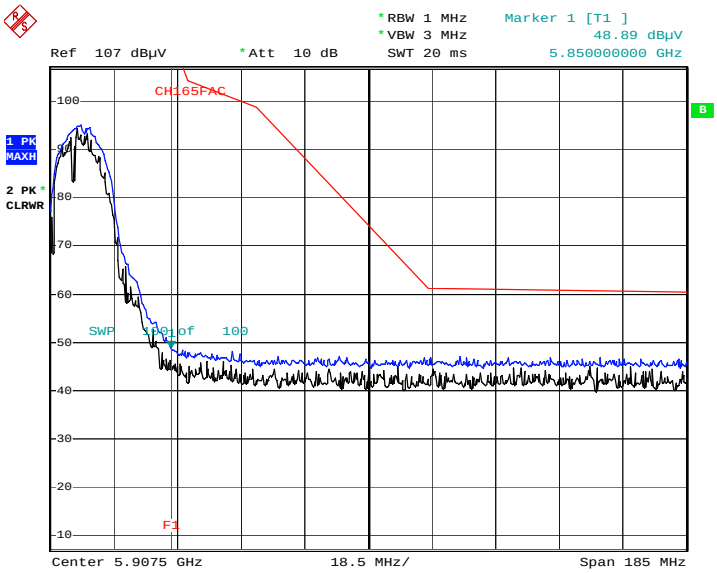
▣ Test Plots(UNII 3)

Peak Reading (802.11a, Ch.165)



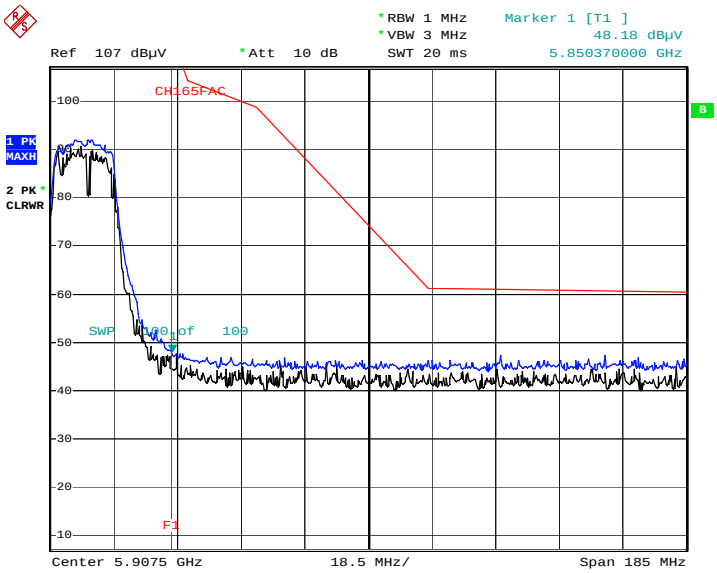
Date: 1.NOV.2018 13:33:04

Peak Reading (802.11n_HT20, Ch.165)



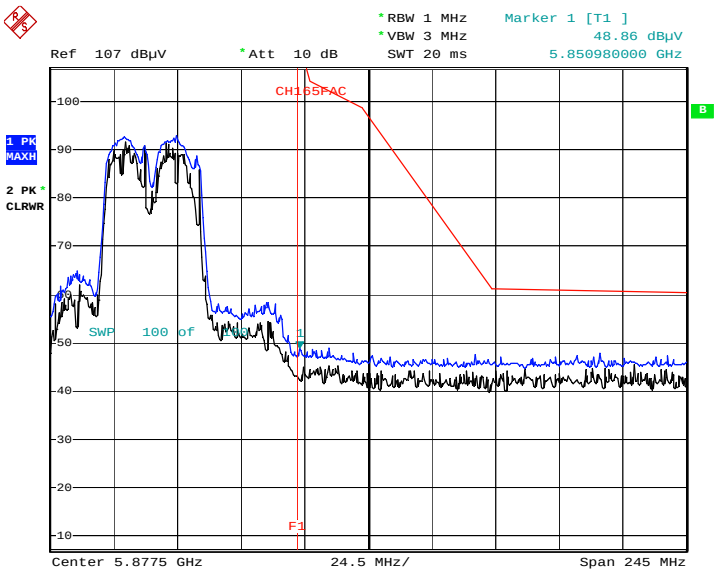
Date: 1.NOV.2018 13:48:58

Peak Reading (802.11ac_VHT20, Ch.165)



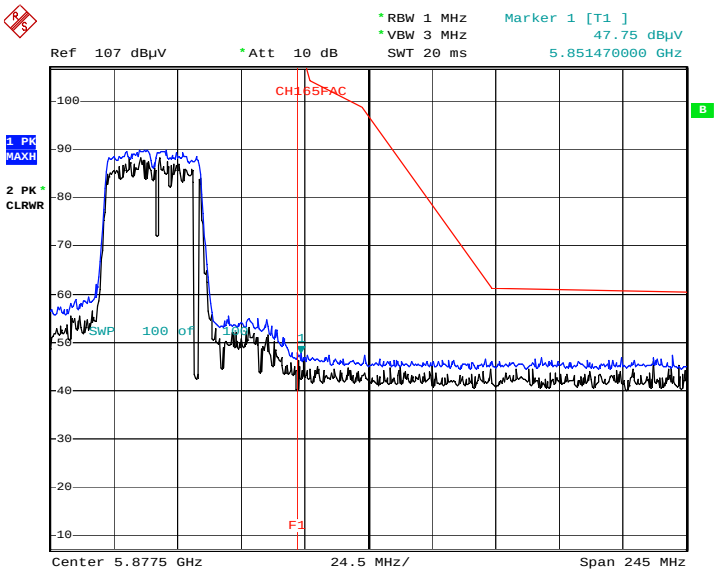
Date: 1.NOV.2018 13:49:54

Peak Reading (802.11n_HT40, Ch.159)



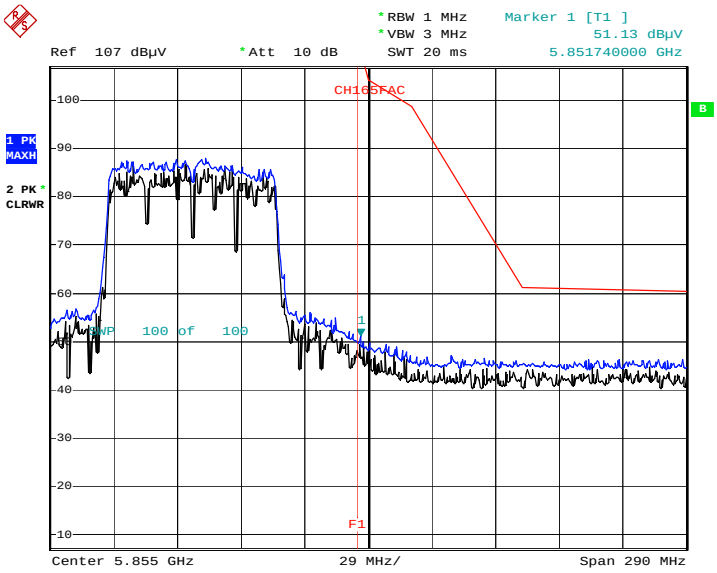
Date: 1.NOV.2018 13:55:25

Peak Reading (802.11ac_VHT40, Ch.159)



Date: 1.NOV.2018 13:56:26

Peak Reading (802.11ac_VHT80, Ch.155)



Date: 1.NOV.2018 13:57:33

10.9 POWERLINE CONDUCTED EMISSIONS

Conducted Emissions (Line 1)

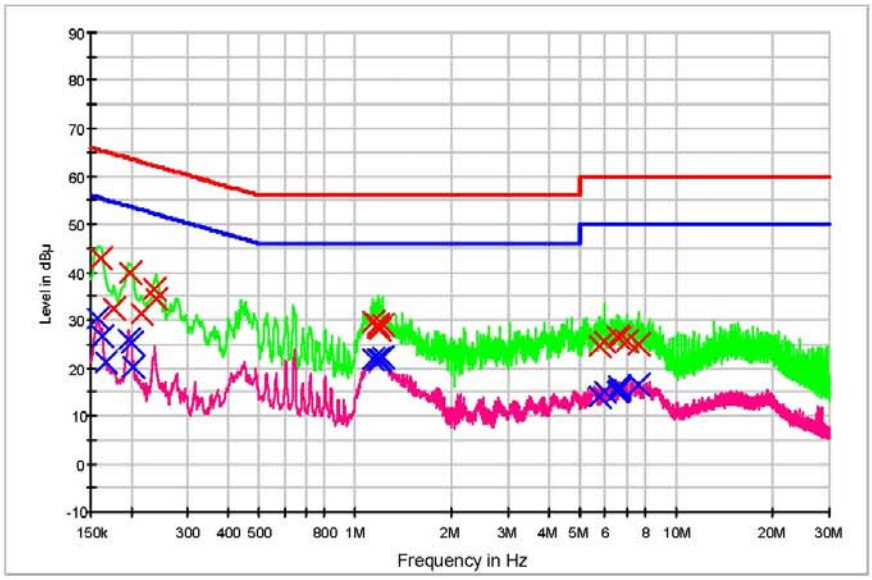
EMI Auto Test(5) 1 / 2

HCT TEST Report

Common Information

EUT:	SM-G8870
Manufacturer:	SAMSUNG
Test Site:	SHIELD ROOM
Operating Conditions:	WLAN 5G MODE

FCC CLASS B_Exten Cable



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.160000	42.8	9.000	Off	N	9.7	22.6	65.5
0.176000	32.4	9.000	Off	N	9.7	32.3	64.7
0.198000	39.9	9.000	Off	N	9.7	23.8	63.7
0.216000	31.2	9.000	Off	N	9.7	31.7	63.0
0.236000	36.3	9.000	Off	N	9.7	25.9	62.2
0.240000	34.6	9.000	Off	N	9.7	27.5	62.1
1.138000	29.8	9.000	Off	N	9.8	26.2	56.0
1.174000	28.8	9.000	Off	N	9.8	27.2	56.0
1.180000	28.2	9.000	Off	N	9.8	27.8	56.0
1.186000	28.0	9.000	Off	N	9.8	28.0	56.0
1.192000	28.1	9.000	Off	N	9.8	28.0	56.0
1.216000	28.8	9.000	Off	N	9.8	27.2	56.0
5.800000	24.6	9.000	Off	N	10.1	35.4	60.0
5.960000	25.7	9.000	Off	N	10.1	34.3	60.0
6.584000	26.8	9.000	Off	N	10.1	33.2	60.0
6.612000	26.3	9.000	Off	N	10.1	33.7	60.0
7.006000	25.7	9.000	Off	N	10.1	34.3	60.0
7.642000	25.1	9.000	Off	N	10.2	34.9	60.0

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EMI Auto Test(5) 2 / 2

Final Result 2

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.158000	30.3	9.000	Off	N	9.7	25.3	55.6
0.162000	26.5	9.000	Off	N	9.7	28.8	55.4
0.166000	21.2	9.000	Off	N	9.7	34.0	55.2
0.196000	26.0	9.000	Off	N	9.7	27.7	53.8
0.200000	25.4	9.000	Off	N	9.7	28.2	53.6
0.204000	20.0	9.000	Off	N	9.7	33.4	53.4
1.138000	21.9	9.000	Off	N	9.8	24.1	46.0
1.180000	21.8	9.000	Off	N	9.8	24.2	46.0
1.184000	21.9	9.000	Off	N	9.8	24.1	46.0
1.188000	21.7	9.000	Off	N	9.8	24.3	46.0
1.192000	21.5	9.000	Off	N	9.8	24.5	46.0
1.216000	22.2	9.000	Off	N	9.8	23.8	46.0
5.800000	14.2	9.000	Off	N	10.1	35.8	50.0
5.960000	14.9	9.000	Off	N	10.1	35.1	50.0
6.550000	15.2	9.000	Off	N	10.1	34.8	50.0
6.606000	15.6	9.000	Off	N	10.1	34.4	50.0
6.616000	16.2	9.000	Off	N	10.1	33.8	50.0
7.642000	16.4	9.000	Off	N	10.2	33.6	50.0

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Conducted Emissions (Line 2)

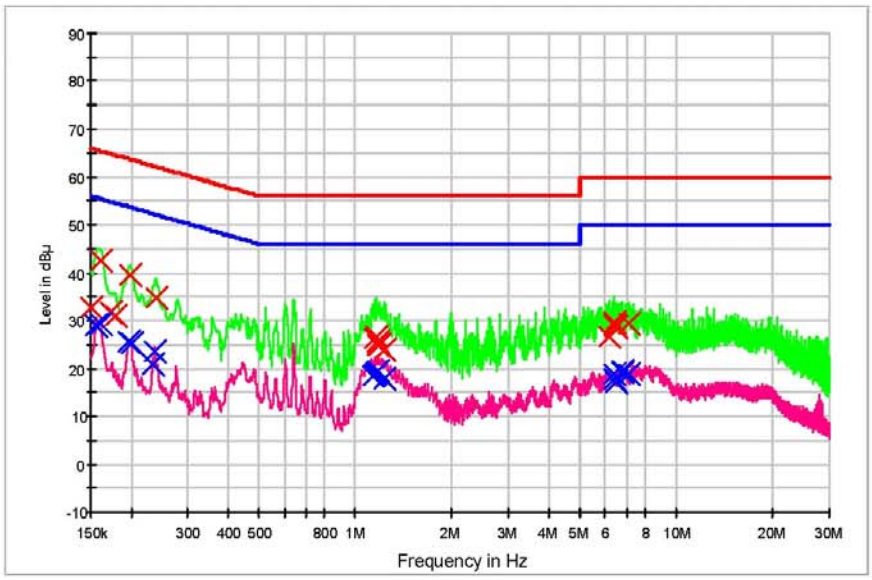
EMI Auto Test(5) 1 / 2

HCT TEST Report

Common Information

EUT:	SM-G8870
Manufacturer:	SAMSUNG
Test Site:	SHIELD ROOM
Operating Conditions:	WLAN 5G MODE

FCC CLASS B_Exten Cable



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	32.8	9.000	Off	L1	9.7	33.2	66.0
0.160000	42.6	9.000	Off	L1	9.7	22.9	65.5
0.172000	31.8	9.000	Off	L1	9.7	33.0	64.9
0.178000	31.1	9.000	Off	L1	9.7	33.5	64.6
0.198000	39.6	9.000	Off	L1	9.7	24.1	63.7
0.240000	34.9	9.000	Off	L1	9.7	27.2	62.1
1.152000	26.3	9.000	Off	L1	9.8	29.7	56.0
1.162000	26.5	9.000	Off	L1	9.8	29.5	56.0
1.174000	25.6	9.000	Off	L1	9.8	30.4	56.0
1.180000	25.0	9.000	Off	L1	9.8	31.0	56.0
1.192000	25.0	9.000	Off	L1	9.8	31.0	56.0
1.234000	23.8	9.000	Off	L1	9.8	32.2	56.0
6.154000	26.6	9.000	Off	L1	10.1	33.4	60.0
6.392000	29.0	9.000	Off	L1	10.1	31.0	60.0
6.440000	29.5	9.000	Off	L1	10.1	30.5	60.0
6.444000	29.6	9.000	Off	L1	10.1	30.4	60.0
6.470000	28.6	9.000	Off	L1	10.1	31.4	60.0
7.078000	29.2	9.000	Off	L1	10.1	30.8	60.0

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EMI Auto Test(5) 2 / 2

Final Result 2

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.156000	28.9	9.000	Off	L1	9.7	26.7	55.7
0.160000	29.4	9.000	Off	L1	9.7	26.1	55.5
0.196000	25.5	9.000	Off	L1	9.7	28.3	53.8
0.200000	25.3	9.000	Off	L1	9.7	28.3	53.6
0.234000	20.7	9.000	Off	L1	9.7	31.6	52.3
0.238000	23.4	9.000	Off	L1	9.7	28.7	52.2
1.138000	18.6	9.000	Off	L1	9.8	27.4	46.0
1.152000	18.9	9.000	Off	L1	9.8	27.1	46.0
1.162000	19.1	9.000	Off	L1	9.8	26.9	46.0
1.166000	19.2	9.000	Off	L1	9.8	26.8	46.0
1.174000	19.4	9.000	Off	L1	9.8	26.6	46.0
1.234000	17.7	9.000	Off	L1	9.8	28.3	46.0
6.392000	18.7	9.000	Off	L1	10.1	31.3	50.0
6.440000	18.0	9.000	Off	L1	10.1	32.0	50.0
6.470000	17.0	9.000	Off	L1	10.1	33.0	50.0
6.768000	19.3	9.000	Off	L1	10.1	30.7	50.0
6.784000	19.2	9.000	Off	L1	10.1	30.8	50.0
7.078000	18.7	9.000	Off	L1	10.1	31.3	50.0

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11. LIST OF TEST EQUIPMENT

11.1 LIST OF TEST EQUIPMENT(Conducted Test)

Manufacturer	Model / Equipment	Calibration Date	Calibration Interval	Serial No.
Rohde & Schwarz	ENV216 / LISN	12/20/2017	Annual	102245
Rohde & Schwarz	ESCI / Test Receiver	06/27/2018	Annual	100033
ESPAC	SU-642 /Temperature Chamber	03/30/2018	Annual	0093008124
Agilent	N9020A / Signal Analyzer	06/08/2018	Annual	MY51110085
Agilent	N9030A / Signal Analyzer	11/22/2017	Annual	MY49431210
Agilent	N1911A / Power Meter	04/16/2018	Annual	MY45100523
Agilent	N1921A / Power Sensor	04/16/2018	Annual	MY52260025
Agilent	87300B / Directional Coupler	11/20/2017	Annual	3116A03621
Hewlett Packard	11667B / Power Splitter	06/07/2018	Annual	05001
Hewlett Packard	E3632A / DC Power Supply	06/26/2018	Annual	KR75303960
Agilent	8493C / Attenuator(10 dB)	07/10/2018	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.

11.2 LIST OF TEST EQUIPMENT(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	04/19/2017	Biennial	1513-175
Schwarzbeck	VULB 9168 / Hybrid Antenna	04/06/2017	Biennial	760
Schwarzbeck	VULB 9160 / TRILOG Antenna	08/09/2018	Biennial	9160-3368
Schwarzbeck	BBHA 9120D / Horn Antenna	05/02/2017	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	09/03/2018	Annual	100688
Rohde & Schwarz	FSV40-N / Spectrum Analyzer	09/28/2018	Annual	101068-SZ
Wainwright Instruments	WHK3.0/18G-10EF / High Pass Filter	06/07/2018	Annual	8
Wainwright Instruments	WHKX7.0/18G-8SS / High Pass Filter	05/09/2018	Annual	29
Wainwright Instruments	WRCJV2400/2483.5-2370/2520-60/12SS / Band Reject Filter	06/29/2018	Annual	2
Wainwright Instruments	WRCJV5100/5850-40/50-8EEK / Band Reject Filter	01/03/2018	Annual	2
Api tech.	18B-03 / Attenuator (3 dB)	06/07/2018	Annual	1
Agilent	8493C-10 / Attenuator(10 dB)	07/17/2018	Annual	08285
CERNEX	CBLU1183540 / Power Amplifier	07/10/2018	Annual	22964
CERNEX	CBL06185030 / Power Amplifier	07/10/2018	Annual	22965
CERNEX	CBL18265035 / Power Amplifier	01/10/2018	Annual	22966
CERNEX	CBL26405040 / Power Amplifier	06/29/2018	Annual	25956
TESCOM	TC-3000C / Bluetooth Tester	03/27/2018	Annual	3000C000276

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-1811-FC016-P
2	HCT-RF-1811-FC017-P
3	HCT-RF-1811-FC018-P
4	HCT-RF-1811-FC019-P
5	HCT-RF-1811-FC020-P
6	HCT-RF-1811-FC021-P
7	HCT-RF-1811-FC022-P