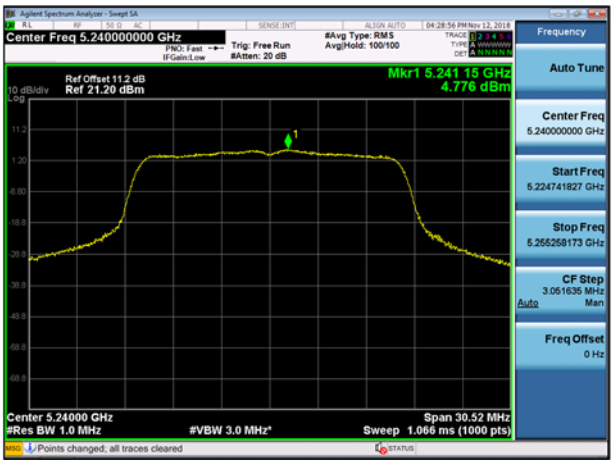
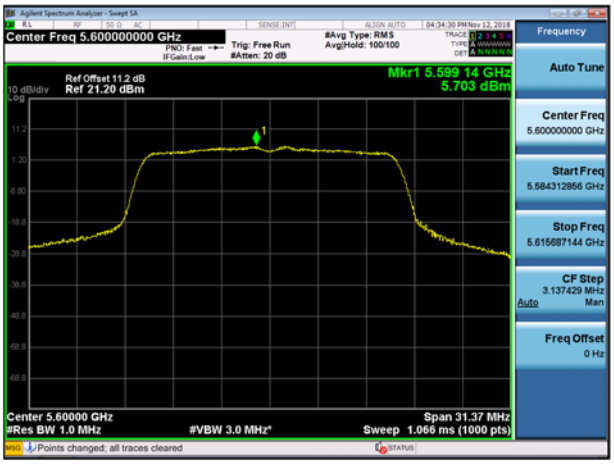
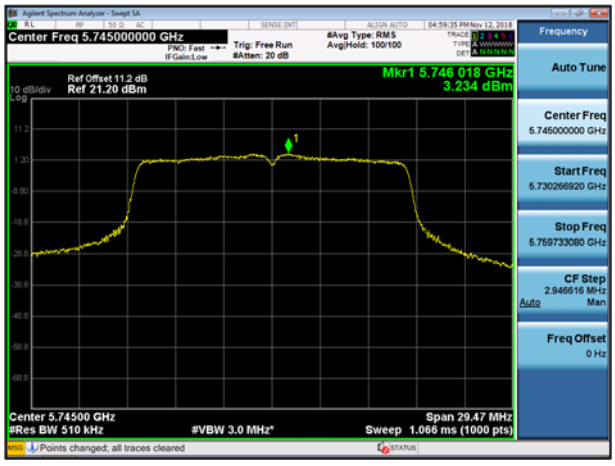
[Ant1]

▣ Test Plots(802.11a)

Note:

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

UNII 1 (Ch. 48)	UNII 2A (Ch. 60)
	

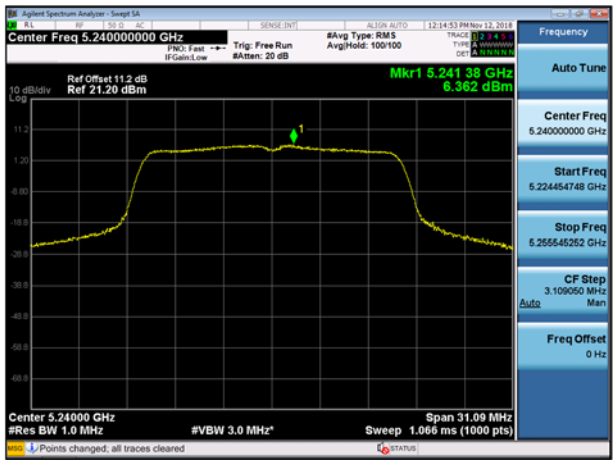
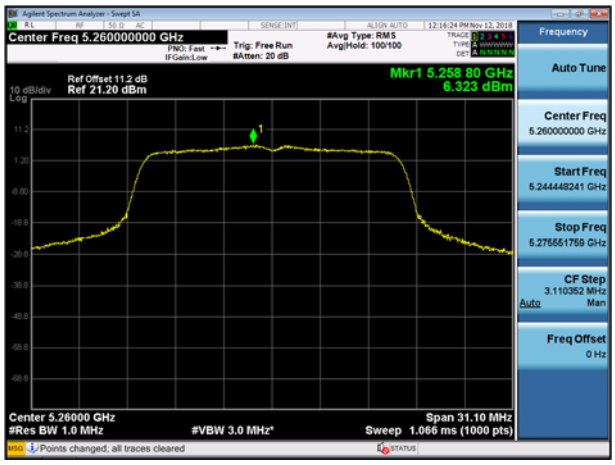
UNII 2C (Ch. 120)	UNII 3 (Ch. 149)
	

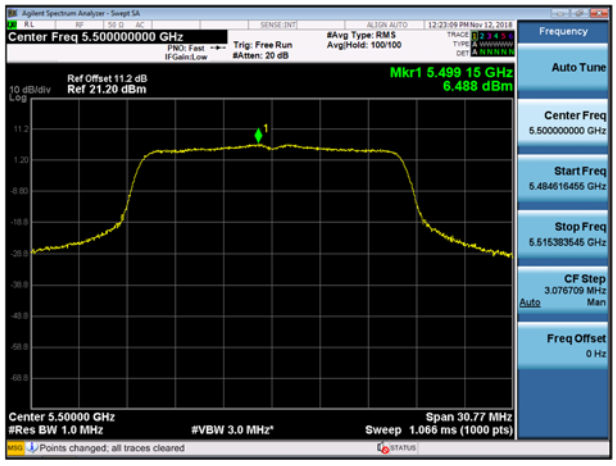
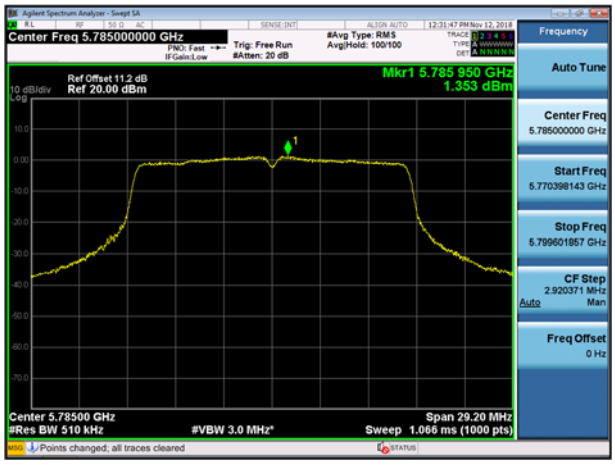
[Ant2]

▣ Test Plots(802.11a)

Note:

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

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

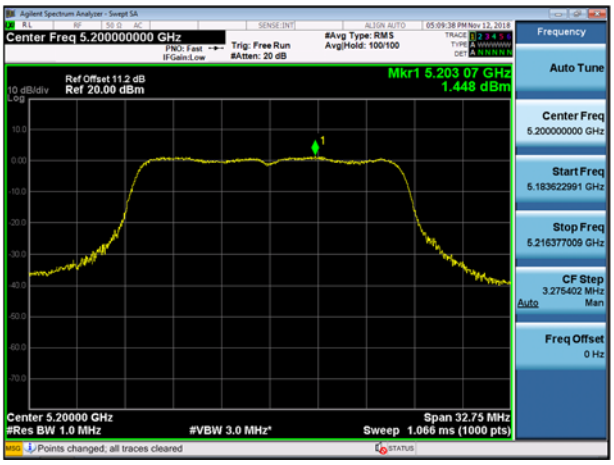
UNII 2C (Ch. 100)	UNII 3 (Ch. 157)
	

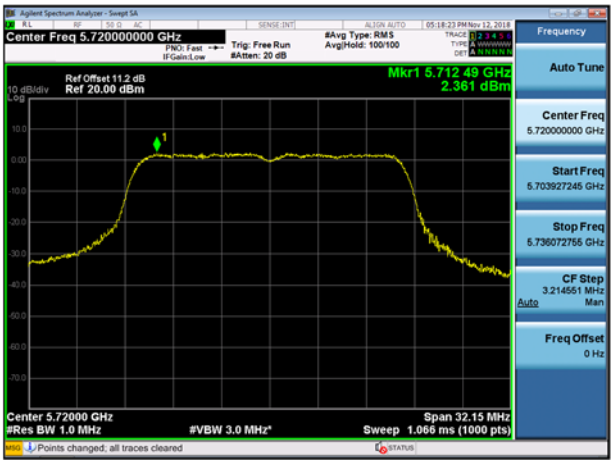
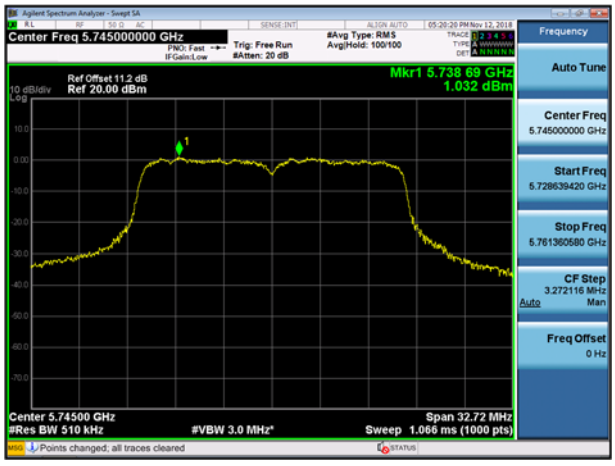
[Ant1]

▣ Test Plots(802.11n(HT20))

Note:

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

UNII 1 (Ch. 40)	UNII 2A (Ch. 60)
	

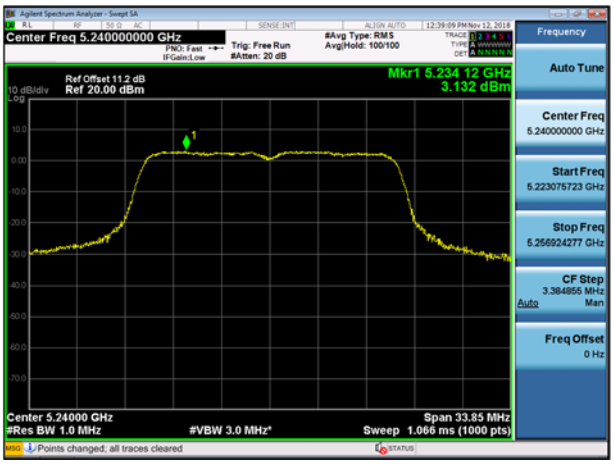
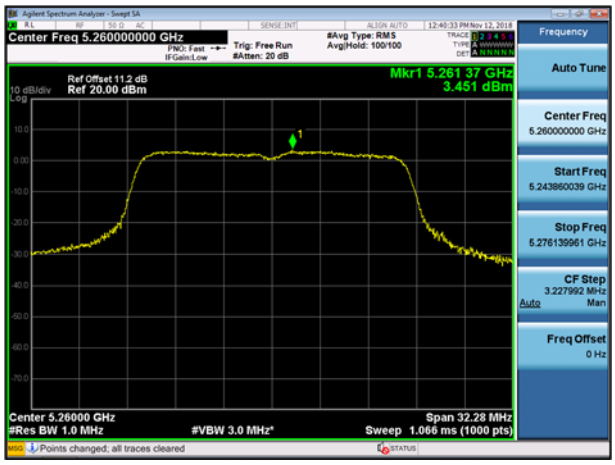
UNII 2C (Ch. 144)	UNII 3 (Ch. 149)
	

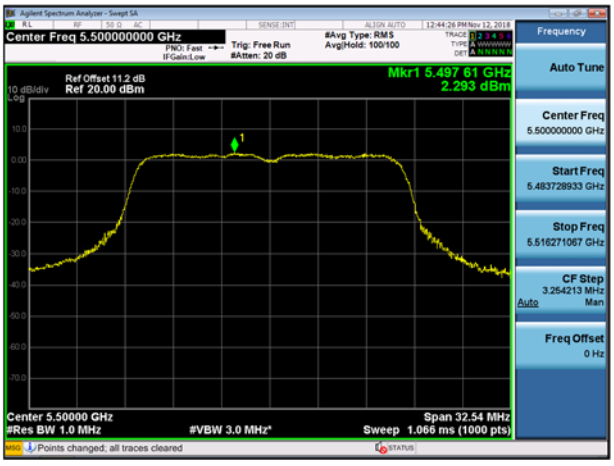
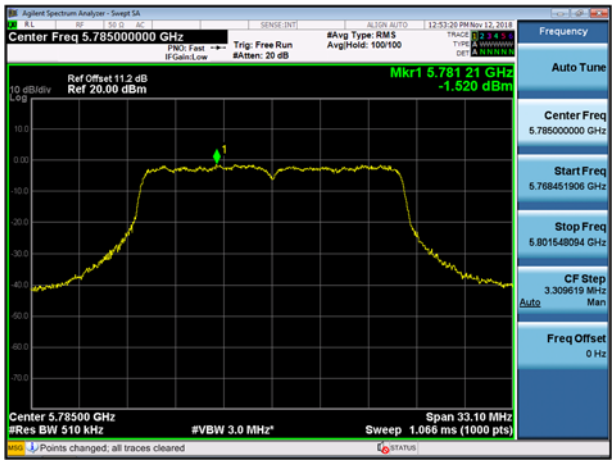
[Ant2]

▣ Test Plots(802.11n(HT20))

Note:

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

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

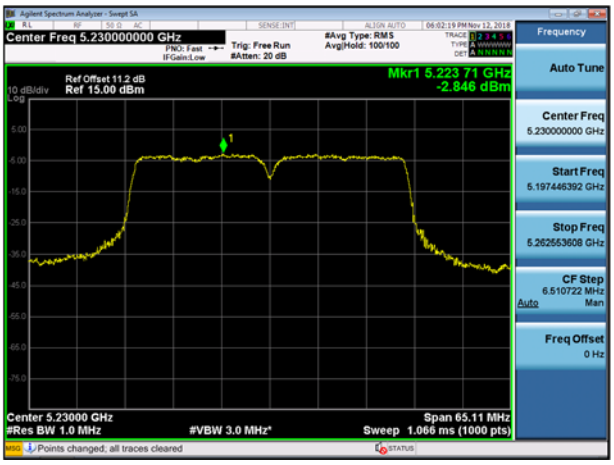
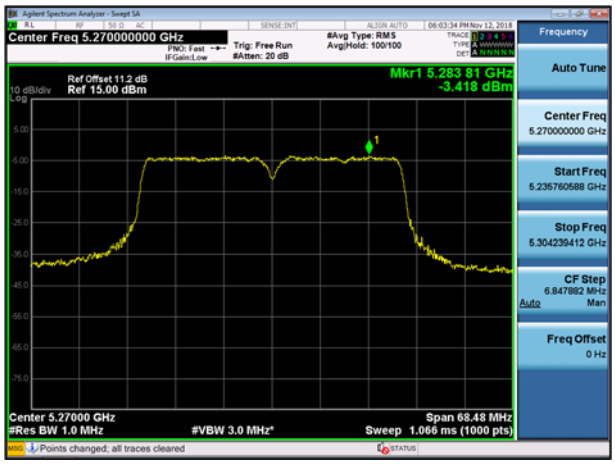
UNII 2C (Ch. 100)	UNII 3 (Ch. 157)
	

[Ant1]

▣ Test Plots(802.11n(HT40))

Note:

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

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

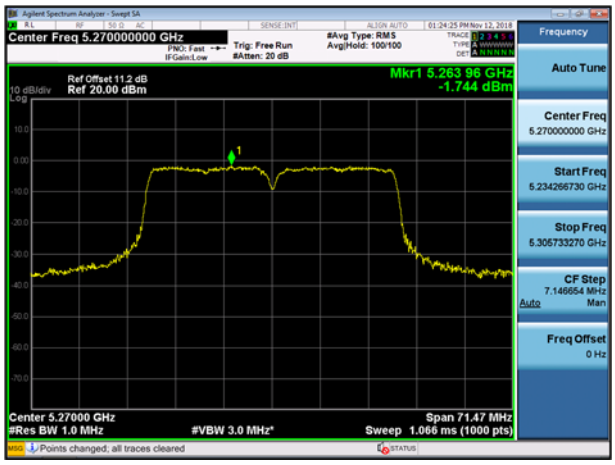
UNII 2C (Ch. 118)	UNII 3 (Ch. 151)
	

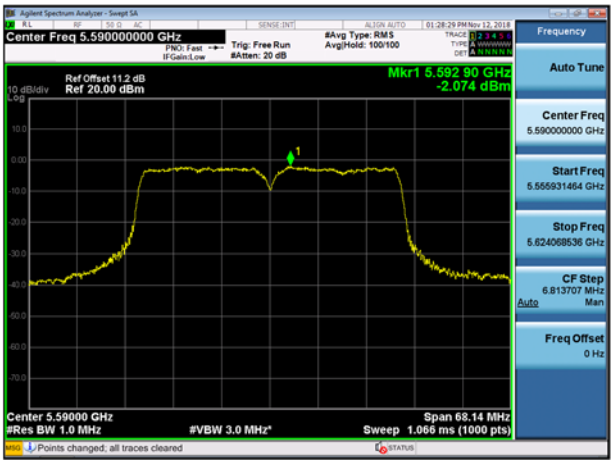
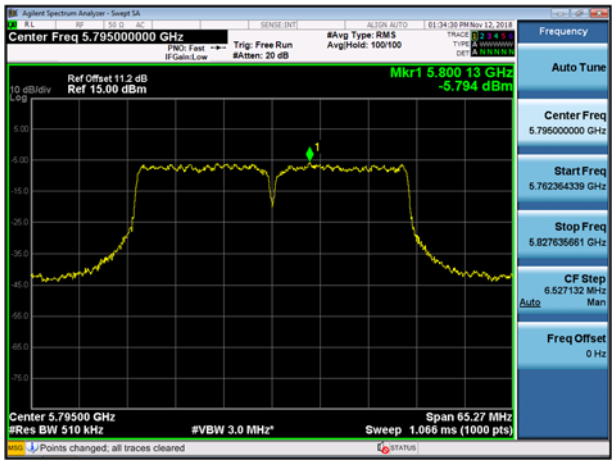
[Ant2]

▣ Test Plots(802.11n(HT40))

Note:

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

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

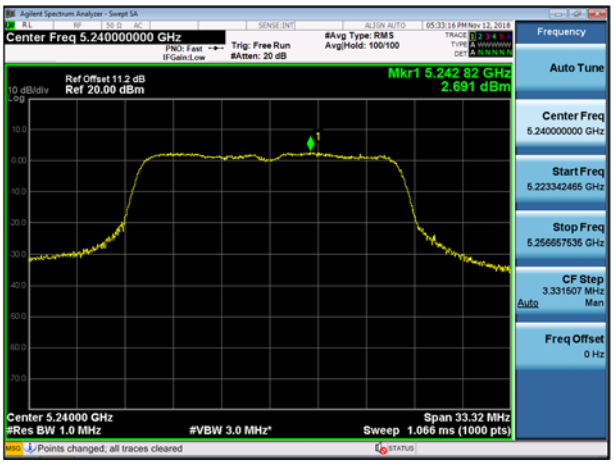
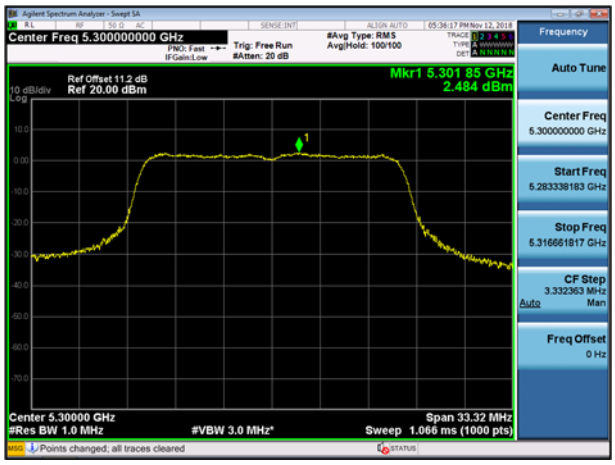
UNII 2C (Ch. 118)	UNII 3 (Ch. 159)
	

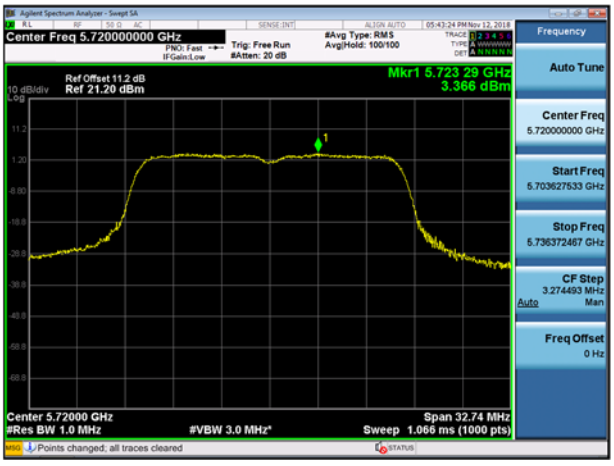
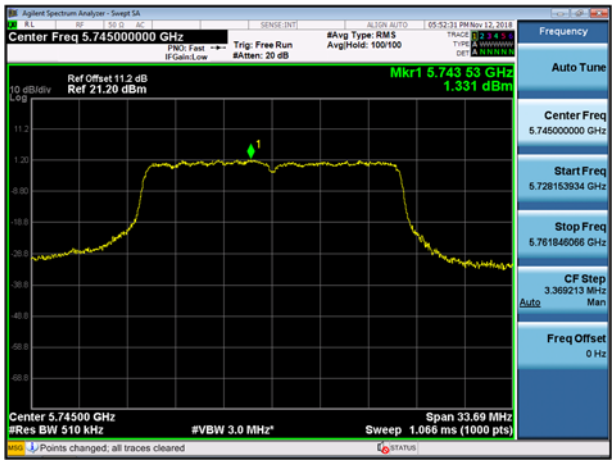
[Ant1]

▣ 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. 60)
	

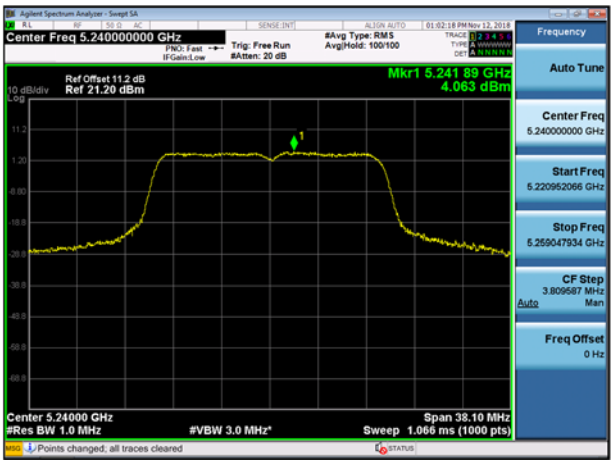
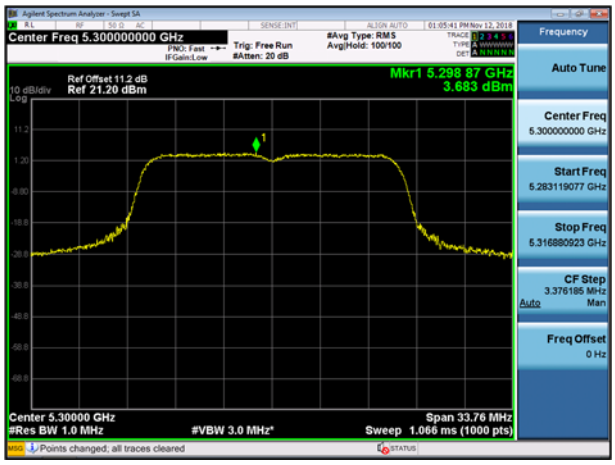
UNII 2C (Ch. 144)	UNII 3 (Ch. 149)
	

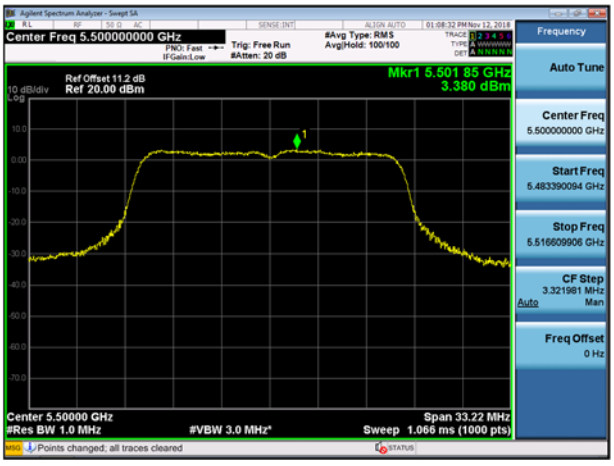
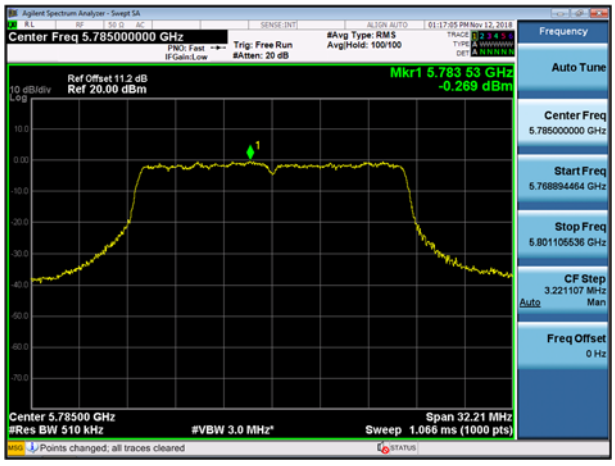
[Ant2]

▣ 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. 60)
	

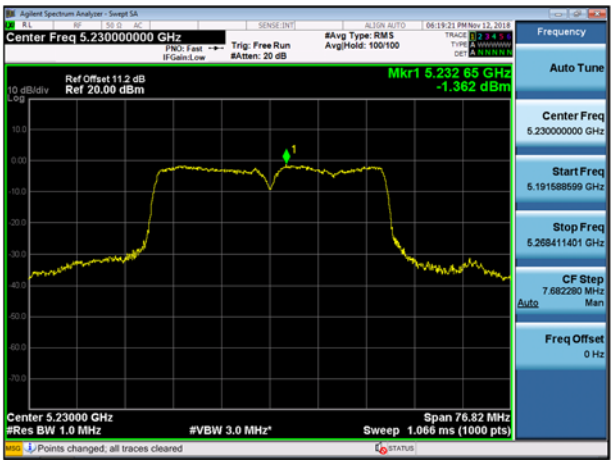
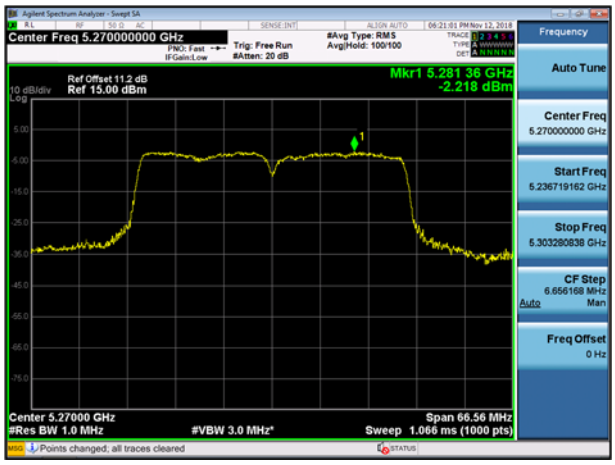
UNII 2C (Ch. 100)	UNII 3 (Ch. 157)
	

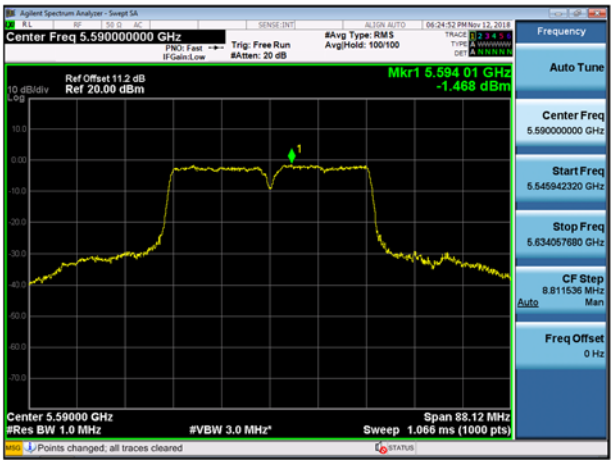
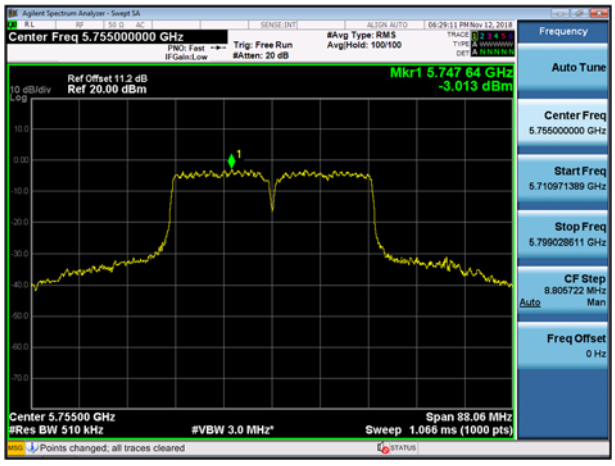
[Ant1]

▣ 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)
	

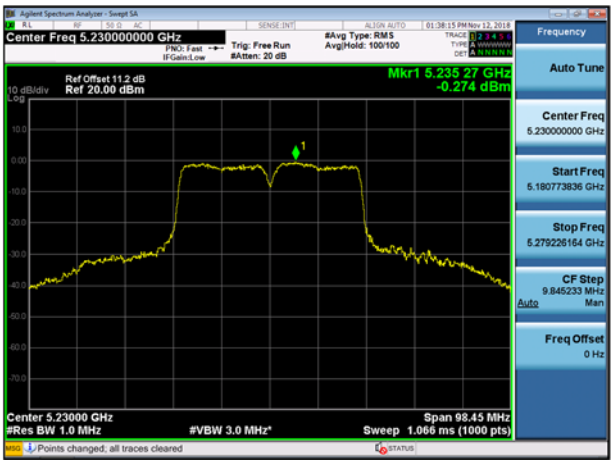
UNII 2C (Ch. 118)	UNII 3 (Ch. 151)
	

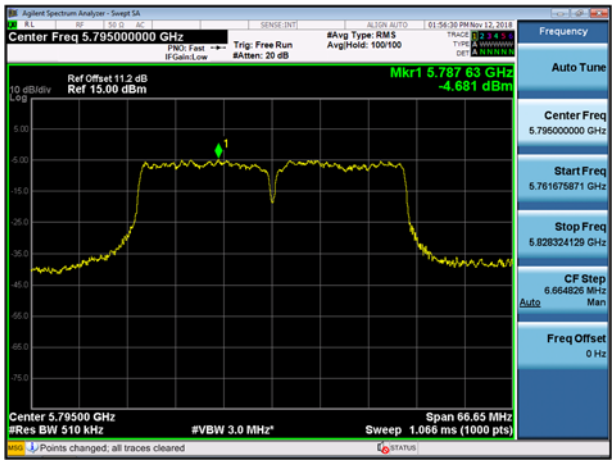
[Ant2]

▣ 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. 54)
	

UNII 2C (Ch. 118)	UNII 3 (Ch. 159)
	

[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. 122)	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. 122)	UNII 3 (Ch. 155)
	

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)	5180007.74	7.74
100%		-30	5180004.48	4.48
100%		-20	5180013.33	13.33
100%		-10	5180034.62	34.62
100%		0	5180072.26	72.26
100%		+10	5180038.46	38.46
100%		+30	5180075.90	75.90
100%		+40	5180057.55	57.55
100%		+50	5180090.81	90.81
End. Point	3.50	+20	5180074.60	74.60

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 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)	5260004.43	4.43
100%		-30	5260043.76	43.76
100%		-20	5260007.25	7.25
100%		-10	5260095.19	95.19
100%		0	5260095.33	95.33
100%		+10	5260028.58	28.58
100%		+30	5260067.97	67.97
100%		+40	5260034.52	34.52
100%		+50	5260054.70	54.70
End. Point	3.50	+20	5260030.20	30.20

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: 5,500,000,000 Hz

CHANNEL: 100

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5500014.44	14.44
100%		-30	5500030.95	30.95
100%		-20	5500014.15	14.15
100%		-10	5500002.81	2.81
100%		0	5500034.78	34.78
100%		+10	5500095.94	95.94
100%		+30	5500069.99	69.99
100%		+40	5500076.49	76.49
100%		+50	5500045.45	45.45
End. Point	3.50	+20	5500031.27	31.27

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.

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)	5745031.71	31.71
100%		-30	5745074.49	74.49
100%		-20	5745096.50	96.5
100%		-10	5745038.17	38.17
100%		0	5745069.42	69.42
100%		+10	5745064.97	64.97
100%		+30	5745030.43	30.43
100%		+40	5745074.36	74.36
100%		+50	5745012.02	12.02
End. Point	3.50	+20	5745048.13	48.13

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)	5180001.90	1.90
100%		-30	5180035.65	35.65
100%		-20	5180076.84	76.84
100%		-10	5180090.33	90.33
100%		0	5180047.16	47.16
100%		+10	5180064.80	64.80
100%		+30	5180061.74	61.74
100%		+40	5180087.99	87.99
100%		+50	5180009.08	9.08
End. Point	3.50	+20	5180019.31	19.31

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)	5260075.42	75.42
100%		-30	5260031.99	31.99
100%		-20	5260018.40	18.4
100%		-10	5260060.39	60.39
100%		0	5260016.17	16.17
100%		+10	5260026.25	26.25
100%		+30	5260010.82	10.82
100%		+40	5260094.20	94.2
100%		+50	5260022.25	22.25
End. Point	3.50	+20	5260061.71	61.71

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.

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)	5500062.92	62.92
100%		-30	5500048.44	48.44
100%		-20	5500015.12	15.12
100%		-10	5500073.95	73.95
100%		0	5500086.82	86.82
100%		+10	5500010.32	10.32
100%		+30	5500037.07	37.07
100%		+40	5500080.09	80.09
100%		+50	5500044.93	44.93
End. Point	3.50	+20	5500078.07	78.07

Note:

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

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)	5745016.45	16.45
100%		-30	5745098.55	98.55
100%		-20	5745032.10	32.1
100%		-10	5745041.55	41.55
100%		0	5745042.06	42.06
100%		+10	5745066.41	66.41
100%		+30	5745018.07	18.07
100%		+40	5745078.19	78.19
100%		+50	5745017.20	17.20
End. Point	3.50	+20	5745011.86	11.86

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: 5,180,000,000 Hz

CHANNEL: 36

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5180048.91	48.91
100%		-30	5180031.34	31.34
100%		-20	5180044.88	44.88
100%		-10	5180092.57	92.57
100%		0	5180074.13	74.13
100%		+10	5180097.77	97.77
100%		+30	5180086.33	86.33
100%		+40	5180057.53	57.53
100%		+50	5180093.29	93.29
End. Point	3.50	+20	5180092.27	92.27

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.

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)	5260093.98	93.98
100%		-30	5260067.45	67.45
100%		-20	5260034.22	34.22
100%		-10	5260012.33	12.33
100%		0	5260023.95	23.95
100%		+10	5260090.13	90.13
100%		+30	5260042.23	42.23
100%		+40	5260099.35	99.35
100%		+50	5260049.77	49.77
End. Point	3.50	+20	5260070.04	70.04

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)	5500027.83	27.83
100%		-30	5500048.63	48.63
100%		-20	5500078.52	78.52
100%		-10	5500023.94	23.94
100%		0	5500032.05	32.05
100%		+10	5500084.51	84.51
100%		+30	5500092.11	92.11
100%		+40	5500008.88	8.88
100%		+50	5500091.63	91.63
End. Point	3.50	+20	5500093.41	93.41

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)	5745002.40	2.40
100%		-30	5745039.73	39.73
100%		-20	5745028.56	28.56
100%		-10	5745045.29	45.29
100%		0	5745061.42	61.42
100%		+10	5745002.30	2.30
100%		+30	5745074.05	74.05
100%		+40	5745001.16	1.16
100%		+50	5745017.98	17.98
End. Point	3.50	+20	5745055.82	55.82

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)	5180079.98	79.98
100%		-30	5180072.41	72.41
100%		-20	5180043.15	43.15
100%		-10	5180013.22	13.22
100%		0	5180002.96	2.96
100%		+10	5180035.19	35.19
100%		+30	5180028.18	28.18
100%		+40	5180063.32	63.32
100%		+50	5180044.46	44.46
End. Point	3.50	+20	5180054.18	54.18

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)	5260008.47	8.47
100%		-30	5260079.73	79.73
100%		-20	5260025.34	25.34
100%		-10	5260015.80	15.80
100%		0	5260057.35	57.35
100%		+10	5260035.63	35.63
100%		+30	5260015.94	15.94
100%		+40	5260070.57	70.57
100%		+50	5260046.57	46.57
End. Point	3.50	+20	5260066.14	66.14

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)	5500063.11	63.11
100%		-30	5500097.29	97.29
100%		-20	5500028.55	28.55
100%		-10	5500069.04	69.04
100%		0	5500037.98	37.98
100%		+10	5500033.94	33.94
100%		+30	5500094.14	94.14
100%		+40	5500091.84	91.84
100%		+50	5500098.25	98.25
End. Point	3.50	+20	5500058.50	58.50

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 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)	5745045.84	45.84
100%		-30	5745031.61	31.61
100%		-20	5745097.13	97.13
100%		-10	5745005.37	5.37
100%		0	5745002.11	2.11
100%		+10	5745031.50	31.5
100%		+30	5745002.78	2.78
100%		+40	5745091.98	91.98
100%		+50	5745092.12	92.12
End. Point	3.50	+20	5745010.37	10.37

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.

[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)	5180070.33	70.33
100%		-30	5180056.30	56.30
100%		-20	5180083.17	83.17
100%		-10	5180088.94	88.94
100%		0	5180095.50	95.50
100%		+10	5180063.19	63.19
100%		+30	5180072.36	72.36
100%		+40	5180093.48	93.48
100%		+50	5180084.75	84.75
End. Point	3.50	+20	5180065.98	65.98

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)	5260011.76	11.76
100%		-30	5260001.07	1.07
100%		-20	5260085.34	85.34
100%		-10	5260058.11	58.11
100%		0	5260078.39	78.39
100%		+10	5260081.74	81.74
100%		+30	5260072.34	72.34
100%		+40	5260069.68	69.68
100%		+50	5260008.79	8.79
End. Point	3.50	+20	5260080.54	80.54

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 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)	5500008.36	8.36
100%		-30	5500023.89	23.89
100%		-20	5500052.39	52.39
100%		-10	5500004.99	4.99
100%		0	5500012.09	12.09
100%		+10	5500071.15	71.15
100%		+30	5500047.09	47.09
100%		+40	5500099.48	99.48
100%		+50	5500069.26	69.26
End. Point	3.50	+20	5500008.49	8.49

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)	5745059.78	59.78
100%		-30	5745025.91	25.91
100%		-20	5745048.73	48.73
100%		-10	5745085.83	85.83
100%		0	5745046.66	46.66
100%		+10	5745090.03	90.03
100%		+30	5745073.57	73.57
100%		+40	5745026.58	26.58
100%		+50	5745033.82	33.82
End. Point	3.50	+20	5745097.88	97.88

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)	5180015.97	15.97
100%		-30	5180031.10	31.10
100%		-20	5180058.97	58.97
100%		-10	5180073.22	73.22
100%		0	5180076.48	76.48
100%		+10	5180060.80	60.80
100%		+30	5180047.37	47.37
100%		+40	5180040.83	40.83
100%		+50	5180079.47	79.47
End. Point	3.50	+20	5180098.42	98.42

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)	5260090.92	90.92
100%		-30	5260034.06	34.06
100%		-20	5260028.49	28.49
100%		-10	5260001.29	1.29
100%		0	5260051.95	51.95
100%		+10	5260061.74	61.74
100%		+30	5260029.52	29.52
100%		+40	5260098.46	98.46
100%		+50	5260042.51	42.51
End. Point	3.50	+20	5260009.23	9.23

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)	5500063.39	63.39
100%		-30	5500051.15	51.15
100%		-20	5500004.20	4.20
100%		-10	5500095.86	95.86
100%		0	5500079.11	79.11
100%		+10	5500026.36	26.36
100%		+30	5500010.91	10.91
100%		+40	5500016.62	16.62
100%		+50	5500048.72	48.72
End. Point	3.50	+20	5500026.11	26.11

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: 5,745,000,000 Hz

CHANNEL: 149

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5745020.11	20.11
100%		-30	5745080.19	80.19
100%		-20	5745087.57	87.57
100%		-10	5745072.15	72.15
100%		0	5745076.15	76.15
100%		+10	5745018.62	18.62
100%		+30	5745099.55	99.55
100%		+40	5745055.52	55.52
100%		+50	5745083.31	83.31
End. Point	3.50	+20	5745065.27	65.27

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.

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)	5180040.87	40.87
100%		-30	5180076.66	76.66
100%		-20	5180047.24	47.24
100%		-10	5180081.53	81.53
100%		0	5180015.12	15.12
100%		+10	5180055.99	55.99
100%		+30	5180081.95	81.95
100%		+40	5180014.57	14.57
100%		+50	5180085.07	85.07
End. Point	3.50	+20	5180041.48	41.48

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.

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)	5260048.56	48.56
100%		-30	5260049.40	49.40
100%		-20	5260017.99	17.99
100%		-10	5260012.99	12.99
100%		0	5260034.73	34.73
100%		+10	5260030.08	30.08
100%		+30	5260099.46	99.46
100%		+40	5260053.30	53.30
100%		+50	5260044.30	44.30
End. Point	3.50	+20	5260011.60	11.60

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)	5500016.11	16.11
100%		-30	5500080.02	80.02
100%		-20	5500096.52	96.52
100%		-10	5500060.93	60.93
100%		0	5500029.73	29.73
100%		+10	5500082.24	82.24
100%		+30	5500028.98	28.98
100%		+40	5500058.28	58.28
100%		+50	5500036.19	36.19
End. Point	3.50	+20	5500044.72	44.72

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)	5745082.15	82.15
100%		-30	5745092.07	92.07
100%		-20	5745087.23	87.23
100%		-10	5745029.55	29.55
100%		0	5745096.09	96.09
100%		+10	5745021.07	21.07
100%		+30	5745095.28	95.28
100%		+40	5745003.06	3.06
100%		+50	5745018.38	18.38
End. Point	3.50	+20	5745086.44	86.44

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.

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)	5180036.73	36.73
100%		-30	5180069.43	69.43
100%		-20	5180050.10	50.10
100%		-10	5180005.93	5.93
100%		0	5180059.79	59.79
100%		+10	5180029.41	29.41
100%		+30	5180030.96	30.96
100%		+40	5180091.19	91.19
100%		+50	5180077.93	77.93
End. Point	3.50	+20	5180036.39	36.39

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)	5260064.06	64.06
100%		-30	5260034.29	34.29
100%		-20	5260005.93	5.93
100%		-10	5260004.43	4.43
100%		0	5260011.44	11.44
100%		+10	5260093.93	93.93
100%		+30	5260001.36	1.36
100%		+40	5260077.63	77.63
100%		+50	5260046.87	46.87
End. Point	3.50	+20	5260064.81	64.81

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 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)	5500057.91	57.91
100%		-30	5500029.90	29.90
100%		-20	5500098.45	98.45
100%		-10	5500028.60	28.60
100%		0	5500006.31	6.31
100%		+10	5500036.42	36.42
100%		+30	5500047.39	47.39
100%		+40	5500072.23	72.23
100%		+50	5500091.43	91.43
End. Point	3.50	+20	5500094.15	94.15

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.

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)	5745087.08	87.08
100%		-30	5745023.60	23.60
100%		-20	5745072.82	72.82
100%		-10	5745049.07	49.07
100%		0	5745008.09	8.09
100%		+10	5745078.43	78.43
100%		+30	5745082.07	82.07
100%		+40	5745033.51	33.51
100%		+50	5745050.81	50.81
End. Point	3.50	+20	5745070.08	70.08

Note:

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

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)	5190010.89	10.89
100%		-30	5190043.28	43.28
100%		-20	5190087.08	87.08
100%		-10	5190097.93	97.93
100%		0	5190053.37	53.37
100%		+10	5190082.35	82.35
100%		+30	5190018.22	18.22
100%		+40	5190079.39	79.39
100%		+50	5190033.98	33.98
End. Point	3.50	+20	5190059.57	59.57

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.

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)	5270021.62	21.62
100%		-30	5270098.79	98.79
100%		-20	5270055.93	55.93
100%		-10	5270052.98	52.98
100%		0	5270017.03	17.03
100%		+10	5270070.89	70.89
100%		+30	5270036.77	36.77
100%		+40	5270049.08	49.08
100%		+50	5270095.10	95.10
End. Point	3.50	+20	5270023.71	23.71

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.

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)	5510059.13	59.13
100%		-30	5510048.64	48.64
100%		-20	5510057.06	57.06
100%		-10	5510011.58	11.58
100%		0	5510097.54	97.54
100%		+10	5510068.30	68.3
100%		+30	5510073.84	73.84
100%		+40	5510057.10	57.10
100%		+50	5510049.79	49.79
End. Point	3.50	+20	5510030.05	30.05

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: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755011.29	11.29
100%		-30	5755034.61	34.61
100%		-20	5755024.64	24.64
100%		-10	5755072.52	72.52
100%		0	5755084.62	84.62
100%		+10	5755007.86	7.86
100%		+30	5755097.79	97.79
100%		+40	5755012.98	12.98
100%		+50	5755027.07	27.07
End. Point	3.50	+20	5755062.24	62.24

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.

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)	5190006.69	6.69
100%		-30	5190092.98	92.98
100%		-20	5190010.95	10.95
100%		-10	5190078.42	78.42
100%		0	5190003.62	3.62
100%		+10	5190069.27	69.27
100%		+30	5190014.74	14.74
100%		+40	5190016.52	16.52
100%		+50	5190071.27	71.27
End. Point	3.50	+20	5190086.83	86.83

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 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)	5270059.07	59.07
100%		-30	5270059.73	59.73
100%		-20	5270095.08	95.08
100%		-10	5270047.38	47.38
100%		0	5270045.69	45.69
100%		+10	5270031.03	31.03
100%		+30	5270056.50	56.50
100%		+40	5270060.75	60.75
100%		+50	5270038.98	38.98
End. Point	3.50	+20	5270062.56	62.56

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)	5510062.37	62.37
100%		-30	5510090.99	90.99
100%		-20	5510006.61	6.61
100%		-10	5510077.88	77.88
100%		0	5510068.43	68.43
100%		+10	5510091.04	91.04
100%		+30	5510066.07	66.07
100%		+40	5510072.45	72.45
100%		+50	5510065.05	65.05
End. Point	3.50	+20	5510098.29	98.29

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)	5755065.79	65.79
100%		-30	5755013.98	13.98
100%		-20	5755011.34	11.34
100%		-10	5755002.18	2.18
100%		0	5755008.58	8.58
100%		+10	5755026.47	26.47
100%		+30	5755084.29	84.29
100%		+40	5755002.69	2.69
100%		+50	5755013.19	13.19
End. Point	3.50	+20	5755003.03	3.03

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: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190054.22	54.22
100%		-30	5190099.41	99.41
100%		-20	5190039.23	39.23
100%		-10	5190089.21	89.21
100%		0	5190038.90	38.90
100%		+10	5190031.40	31.40
100%		+30	5190094.19	94.19
100%		+40	5190015.93	15.93
100%		+50	5190092.24	92.24
End. Point	3.50	+20	5190054.72	54.72

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)	5270017.38	17.38
100%		-30	5270034.90	34.90
100%		-20	5270069.50	69.50
100%		-10	5270048.98	48.98
100%		0	5270041.66	41.66
100%		+10	5270006.53	6.53
100%		+30	5270094.34	94.34
100%		+40	5270077.77	77.77
100%		+50	5270007.92	7.92
End. Point	3.50	+20	5270075.61	75.61

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: 5,510,000,000 Hz
CHANNEL: 102
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510006.51	6.51
100%		-30	5510065.19	65.19
100%		-20	5510046.94	46.94
100%		-10	5510021.54	21.54
100%		0	5510082.96	82.96
100%		+10	5510020.08	20.08
100%		+30	5510034.54	34.54
100%		+40	5510051.39	51.39
100%		+50	5510070.19	70.19
End. Point	3.50	+20	5510014.73	14.73

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 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)	5755001.67	1.67
100%		-30	5755049.38	49.38
100%		-20	5755041.07	41.07
100%		-10	5755063.21	63.21
100%		0	5755047.79	47.79
100%		+10	5755097.65	97.65
100%		+30	5755017.70	17.70
100%		+40	5755089.90	89.90
100%		+50	5755039.51	39.51
End. Point	3.50	+20	5755072.93	72.93

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.

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)	5190010.09	10.09
100%		-30	5190083.25	83.25
100%		-20	5190039.08	39.08
100%		-10	5190025.94	25.94
100%		0	5190014.49	14.49
100%		+10	5190050.23	50.23
100%		+30	5190007.63	7.63
100%		+40	5190049.47	49.47
100%		+50	5190008.23	8.23
End. Point	3.50	+20	5190032.29	32.29

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)	5270053.21	53.21
100%		-30	5270035.60	35.60
100%		-20	5270035.14	35.14
100%		-10	5270058.11	58.11
100%		0	5270030.29	30.29
100%		+10	5270037.53	37.53
100%		+30	5270046.53	46.53
100%		+40	5270008.82	8.82
100%		+50	5270009.43	9.43
End. Point	3.50	+20	5270017.90	17.9

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)	5510074.91	74.91
100%		-30	5510063.29	63.29
100%		-20	5510070.35	70.35
100%		-10	5510068.16	68.16
100%		0	5510042.18	42.18
100%		+10	5510046.15	46.15
100%		+30	5510090.18	90.18
100%		+40	5510066.67	66.67
100%		+50	5510056.09	56.09
End. Point	3.50	+20	5510045.73	45.73

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 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)	5755076.18	76.18
100%		-30	5755021.44	21.44
100%		-20	5755087.37	87.37
100%		-10	5755003.94	3.94
100%		0	5755035.98	35.98
100%		+10	5755013.06	13.06
100%		+30	5755015.69	15.69
100%		+40	5755049.24	49.24
100%		+50	5755025.14	25.14
End. Point	3.50	+20	5755025.25	25.25

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.

[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)	5190089.21	89.21
100%		-30	5190017.91	17.91
100%		-20	5190070.51	70.51
100%		-10	5190029.36	29.36
100%		0	5190080.55	80.55
100%		+10	5190088.24	88.24
100%		+30	5190001.11	1.11
100%		+40	5190018.17	18.17
100%		+50	5190027.49	27.49
End. Point	3.50	+20	5190074.05	74.05

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270024.63	24.63
100%		-30	5270042.62	42.62
100%		-20	5270059.73	59.73
100%		-10	5270026.51	26.51
100%		0	5270016.25	16.25
100%		+10	5270063.53	63.53
100%		+30	5270083.15	83.15
100%		+40	5270008.47	8.47
100%		+50	5270073.55	73.55
End. Point	3.50	+20	5270093.42	93.42

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 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)	5510079.70	79.70
100%		-30	5510030.98	30.98
100%		-20	5510034.18	34.18
100%		-10	5510082.85	82.85
100%		0	5510064.30	64.3
100%		+10	5510065.34	65.34
100%		+30	5510092.29	92.29
100%		+40	5510071.71	71.71
100%		+50	5510050.23	50.23
End. Point	3.50	+20	5510032.21	32.21

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 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)	5755059.87	59.87
100%		-30	5755071.65	71.65
100%		-20	5755087.20	87.2
100%		-10	5755049.13	49.13
100%		0	5755062.86	62.86
100%		+10	5755002.77	2.77
100%		+30	5755067.92	67.92
100%		+40	5755077.69	77.69
100%		+50	5755001.61	1.61
End. Point	3.50	+20	5755025.22	25.22

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)	5190087.05	87.05
100%		-30	5190054.32	54.32
100%		-20	5190051.27	51.27
100%		-10	5190085.25	85.25
100%		0	5190093.12	93.12
100%		+10	5190043.68	43.68
100%		+30	5190030.44	30.44
100%		+40	5190080.34	80.34
100%		+50	5190088.41	88.41
End. Point	3.50	+20	5190021.13	21.13

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)	5270044.61	44.61
100%		-30	5270023.93	23.93
100%		-20	5270053.83	53.83
100%		-10	5270055.49	55.49
100%		0	5270031.57	31.57
100%		+10	5270022.80	22.80
100%		+30	5270082.69	82.69
100%		+40	5270050.62	50.62
100%		+50	5270026.48	26.48
End. Point	3.50	+20	5270069.69	69.69

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 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)	5510069.89	69.89
100%		-30	5510014.71	14.71
100%		-20	5510040.64	40.64
100%		-10	5510012.08	12.08
100%		0	5510077.48	77.48
100%		+10	5510046.88	46.88
100%		+30	5510036.30	36.3
100%		+40	5510039.92	39.92
100%		+50	5510064.05	64.05
End. Point	3.50	+20	5510059.46	59.46

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: 5,755,000,000 Hz

CHANNEL: 151

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5755091.94	91.94
100%		-30	5755021.28	21.28
100%		-20	5755014.39	14.39
100%		-10	5755077.97	77.97
100%		0	5755052.03	52.03
100%		+10	5755013.10	13.1
100%		+30	5755037.61	37.61
100%		+40	5755090.85	90.85
100%		+50	5755030.11	30.11
End. Point	3.50	+20	5755071.78	71.78

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: 5,190,000,000 Hz

CHANNEL: 38

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5190034.87	34.87
100%		-30	5190035.95	35.95
100%		-20	5190032.84	32.84
100%		-10	5190085.18	85.18
100%		0	5190051.29	51.29
100%		+10	5190016.40	16.40
100%		+30	5190069.82	69.82
100%		+40	5190022.62	22.62
100%		+50	5190003.94	3.94
End. Point	3.50	+20	5190062.79	62.79

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: 5,270,000,000 Hz

CHANNEL: 54

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5270016.76	16.76
100%		-30	5270002.48	2.48
100%		-20	5270025.47	25.47
100%		-10	5270043.43	43.43
100%		0	5270054.51	54.51
100%		+10	5270036.77	36.77
100%		+30	5270032.73	32.73
100%		+40	5270089.66	89.66
100%		+50	5270059.96	59.96
End. Point	3.50	+20	5270092.37	92.37

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: 5,510,000,000 Hz
CHANNEL: 102
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5510090.14	90.14
100%		-30	5510023.27	23.27
100%		-20	5510098.65	98.65
100%		-10	5510042.83	42.83
100%		0	5510070.24	70.24
100%		+10	5510014.90	14.90
100%		+30	5510018.21	18.21
100%		+40	5510066.43	66.43
100%		+50	5510077.59	77.59
End. Point	3.50	+20	5510055.97	55.97

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 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)	5755061.21	61.21
100%		-30	5755089.60	89.60
100%		-20	5755095.32	95.32
100%		-10	5755093.47	93.47
100%		0	5755013.19	13.19
100%		+10	5755075.82	75.82
100%		+30	5755063.50	63.50
100%		+40	5755061.80	61.80
100%		+50	5755051.60	51.60
End. Point	3.50	+20	5755049.59	49.59

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.

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)	5190051.39	51.39
100%		-30	5190004.70	4.70
100%		-20	5190088.90	88.90
100%		-10	5190028.94	28.94
100%		0	5190078.84	78.84
100%		+10	5190080.90	80.90
100%		+30	5190047.55	47.55
100%		+40	5190070.41	70.41
100%		+50	5190055.04	55.04
End. Point	3.50	+20	5190027.64	27.64

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)	5270031.07	31.07
100%		-30	5270039.33	39.33
100%		-20	5270062.79	62.79
100%		-10	5270018.17	18.17
100%		0	5270047.90	47.90
100%		+10	5270049.88	49.88
100%		+30	5270070.38	70.38
100%		+40	5270055.02	55.02
100%		+50	5270080.68	80.68
End. Point	3.50	+20	5270005.52	5.52

Note:

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

OPERATING BAND: UNII Band 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)	5510094.12	94.12
100%		-30	5510071.67	71.67
100%		-20	5510054.06	54.06
100%		-10	5510061.91	61.91
100%		0	5510012.27	12.27
100%		+10	5510087.86	87.86
100%		+30	5510032.17	32.17
100%		+40	5510072.31	72.31
100%		+50	5510006.53	6.53
End. Point	3.50	+20	5510022.06	22.06

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 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)	5755096.08	96.08
100%		-30	5755074.67	74.67
100%		-20	5755091.15	91.15
100%		-10	5755094.94	94.94
100%		0	5755060.76	60.76
100%		+10	5755014.39	14.39
100%		+30	5755060.28	60.28
100%		+40	5755091.90	91.90
100%		+50	5755024.30	24.30
End. Point	3.50	+20	5755027.69	27.69

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.

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)	5210020.56	20.56
100%		-30	5210058.10	58.10
100%		-20	5210090.94	90.94
100%		-10	5210040.77	40.77
100%		0	5210032.04	32.04
100%		+10	5210065.98	65.98
100%		+30	5210040.70	40.70
100%		+40	5210065.38	65.38
100%		+50	5210074.42	74.42
End. Point	3.50	+20	5210023.26	23.26

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.

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)	5290073.62	73.62
100%		-30	5290076.65	76.65
100%		-20	5290045.94	45.94
100%		-10	5290052.96	52.96
100%		0	5290074.72	74.72
100%		+10	5290098.61	98.61
100%		+30	5290018.18	18.18
100%		+40	5290086.62	86.62
100%		+50	5290016.11	16.11
End. Point	3.50	+20	5290081.99	81.99

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)	5530096.79	96.79
100%		-30	5530010.13	10.13
100%		-20	5530081.16	81.16
100%		-10	5530018.30	18.30
100%		0	5530052.35	52.35
100%		+10	5530018.59	18.59
100%		+30	5530067.51	67.51
100%		+40	5530080.44	80.44
100%		+50	5530013.80	13.80
End. Point	3.50	+20	5530006.86	6.86

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.

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)	5775048.74	48.74
100%		-30	5775050.79	50.79
100%		-20	5775027.32	27.32
100%		-10	5775014.99	14.99
100%		0	5775094.96	94.96
100%		+10	5775067.37	67.37
100%		+30	5775050.34	50.34
100%		+40	5775077.38	77.38
100%		+50	5775057.71	57.71
End. Point	3.50	+20	5775090.98	90.98

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)	5210060.94	60.94
100%		-30	5210001.66	1.66
100%		-20	5210016.82	16.82
100%		-10	5210037.56	37.56
100%		0	5210054.79	54.79
100%		+10	5210073.87	73.87
100%		+30	5210092.36	92.36
100%		+40	5210095.74	95.74
100%		+50	5210051.02	51.02
End. Point	3.50	+20	5210047.27	47.27

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.

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)	5290052.20	52.20
100%		-30	5290075.08	75.08
100%		-20	5290084.47	84.47
100%		-10	5290010.86	10.86
100%		0	5290073.37	73.37
100%		+10	5290018.97	18.97
100%		+30	5290038.66	38.66
100%		+40	5290007.58	7.58
100%		+50	5290052.15	52.15
End. Point	3.50	+20	5290083.91	83.91

Note:

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

OPERATING BAND: UNII Band 2C

OPERATING FREQUENCY: 5,530,000,000 Hz

CHANNEL: 106

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5530067.58	67.58
100%		-30	5530081.34	81.34
100%		-20	5530037.69	37.69
100%		-10	5530068.15	68.15
100%		0	5530063.11	63.11
100%		+10	5530082.87	82.87
100%		+30	5530038.89	38.89
100%		+40	5530094.66	94.66
100%		+50	5530023.90	23.90
End. Point	3.50	+20	5530032.39	32.39

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)	5775028.56	28.56
100%		-30	5775016.72	16.72
100%		-20	5775098.50	98.5
100%		-10	5775062.19	62.19
100%		0	5775031.06	31.06
100%		+10	5775002.60	2.60
100%		+30	5775043.15	43.15
100%		+40	5775032.23	32.23
100%		+50	5775062.51	62.51
End. Point	3.50	+20	5775003.29	3.29

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)	5210085.86	85.86
100%		-30	5210059.26	59.26
100%		-20	5210085.69	85.69
100%		-10	5210008.80	8.80
100%		0	5210024.20	24.20
100%		+10	5210042.67	42.67
100%		+30	5210096.47	96.47
100%		+40	5210007.41	7.41
100%		+50	5210023.34	23.34
End. Point	3.50	+20	5210040.05	40.05

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)	5290088.67	88.67
100%		-30	5290099.18	99.18
100%		-20	5290053.33	53.33
100%		-10	5290051.04	51.04
100%		0	5290086.48	86.48
100%		+10	5290041.14	41.14
100%		+30	5290001.85	1.85
100%		+40	5290053.34	53.34
100%		+50	5290079.02	79.02
End. Point	3.50	+20	5290061.02	61.02

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)	5530026.68	26.68
100%		-30	5530092.91	92.91
100%		-20	5530007.20	7.20
100%		-10	5530002.74	2.74
100%		0	5530074.77	74.77
100%		+10	5530093.85	93.85
100%		+30	5530045.08	45.08
100%		+40	5530093.39	93.39
100%		+50	5530012.54	12.54
End. Point	3.50	+20	5530006.09	6.09

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)	5775053.80	53.80
100%		-30	5775079.12	79.12
100%		-20	5775058.67	58.67
100%		-10	5775013.22	13.22
100%		0	5775023.35	23.35
100%		+10	5775012.89	12.89
100%		+30	5775085.13	85.13
100%		+40	5775073.93	73.93
100%		+50	5775027.95	27.95
End. Point	3.50	+20	5775054.93	54.93

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.

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)	5210096.05	96.05
100%		-30	5210089.57	89.57
100%		-20	5210053.11	53.11
100%		-10	5210019.85	19.85
100%		0	5210029.41	29.41
100%		+10	5210039.17	39.17
100%		+30	5210055.91	55.91
100%		+40	5210079.13	79.13
100%		+50	5210067.21	67.21
End. Point	3.50	+20	5210081.11	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 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)	5290095.46	95.46
100%		-30	5290073.05	73.05
100%		-20	5290025.16	25.16
100%		-10	5290031.88	31.88
100%		0	5290010.55	10.55
100%		+10	5290083.60	83.60
100%		+30	5290064.13	64.13
100%		+40	5290029.31	29.31
100%		+50	5290026.10	26.10
End. Point	3.50	+20	5290060.66	60.66

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 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)	5530075.53	75.53
100%		-30	5530059.82	59.82
100%		-20	5530089.80	89.80
100%		-10	5530039.97	39.97
100%		0	5530009.96	9.96
100%		+10	5530025.24	25.24
100%		+30	5530060.12	60.12
100%		+40	5530080.87	80.87
100%		+50	5530043.91	43.91
End. Point	3.50	+20	5530045.34	45.34

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: 5,775,000,000 Hz

CHANNEL: 155

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5775055.59	55.59
100%		-30	5775023.92	23.92
100%		-20	5775023.86	23.86
100%		-10	5775054.08	54.08
100%		0	5775007.43	7.43
100%		+10	5775016.31	16.31
100%		+30	5775072.79	72.79
100%		+40	5775005.18	5.18
100%		+50	5775019.68	19.68
End. Point	3.50	+20	5775051.74	51.74

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.

[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)	5210021.73	21.73
100%		-30	5210083.38	83.38
100%		-20	5210073.21	73.21
100%		-10	5210048.31	48.31
100%		0	5210003.17	3.17
100%		+10	5210047.68	47.68
100%		+30	5210031.67	31.67
100%		+40	5210039.18	39.18
100%		+50	5210028.20	28.20
End. Point	3.50	+20	5210024.07	24.07

Note:

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

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)	5290082.42	82.42
100%		-30	5290051.89	51.89
100%		-20	5290049.35	49.35
100%		-10	5290016.22	16.22
100%		0	5290084.61	84.61
100%		+10	5290093.63	93.63
100%		+30	5290087.76	87.76
100%		+40	5290027.76	27.76
100%		+50	5290074.76	74.76
End. Point	3.50	+20	5290083.69	83.69

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 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)	5530077.23	77.23
100%		-30	5530017.43	17.43
100%		-20	5530033.08	33.08
100%		-10	5530064.05	64.05
100%		0	5530024.78	24.78
100%		+10	5530044.82	44.82
100%		+30	5530029.81	29.81
100%		+40	5530051.93	51.93
100%		+50	5530029.75	29.75
End. Point	3.50	+20	5530040.26	40.26

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.

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)	5775079.83	79.83
100%		-30	5775039.20	39.20
100%		-20	5775031.80	31.80
100%		-10	5775067.50	67.50
100%		0	5775009.82	9.82
100%		+10	5775083.82	83.82
100%		+30	5775053.92	53.92
100%		+40	5775065.26	65.26
100%		+50	5775076.32	76.32
End. Point	3.50	+20	5775088.97	88.97

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.

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)	5210088.23	88.23
100%		-30	5210022.13	22.13
100%		-20	5210088.11	88.11
100%		-10	5210098.92	98.92
100%		0	5210083.53	83.53
100%		+10	5210013.18	13.18
100%		+30	5210072.57	72.57
100%		+40	5210066.10	66.10
100%		+50	5210053.55	53.55
End. Point	3.50	+20	5210062.79	62.79

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: 5,290,000,000 Hz

CHANNEL: 58

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5290050.95	50.95
100%		-30	5290074.19	74.19
100%		-20	5290044.17	44.17
100%		-10	5290063.56	63.56
100%		0	5290081.27	81.27
100%		+10	5290043.72	43.72
100%		+30	5290023.12	23.12
100%		+40	5290060.90	60.90
100%		+50	5290042.65	42.65
End. Point	3.50	+20	5290007.03	7.03

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)	5530091.48	91.48
100%		-30	5530023.27	23.27
100%		-20	5530005.75	5.75
100%		-10	5530033.78	33.78
100%		0	5530010.82	10.82
100%		+10	5530002.56	2.56
100%		+30	5530058.23	58.23
100%		+40	5530081.71	81.71
100%		+50	5530084.58	84.58
End. Point	3.50	+20	5530082.38	82.38

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)	5775062.74	62.74
100%		-30	5775043.57	43.57
100%		-20	5775015.85	15.85
100%		-10	5775071.95	71.95
100%		0	5775038.92	38.92
100%		+10	5775024.58	24.58
100%		+30	5775081.36	81.36
100%		+40	5775035.38	35.38
100%		+50	5775019.90	19.90
End. Point	3.50	+20	5775056.17	56.17

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: 5,210,000,000 Hz

CHANNEL: 42

REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (℃)	Frequency (kHz)	Frequency Error (kHz)
100%	3.85	+20(Ref)	5210099.75	99.75
100%		-30	5210015.77	15.77
100%		-20	5210033.24	33.24
100%		-10	5210068.68	68.68
100%		0	5210078.62	78.62
100%		+10	5210034.65	34.65
100%		+30	5210091.79	91.79
100%		+40	5210025.76	25.76
100%		+50	5210073.67	73.67
End. Point	3.50	+20	5210035.80	35.80

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)	5290091.09	91.09
100%		-30	5290087.75	87.75
100%		-20	5290070.33	70.33
100%		-10	5290061.21	61.21
100%		0	5290045.29	45.29
100%		+10	5290007.55	7.55
100%		+30	5290075.55	75.55
100%		+40	5290004.50	4.50
100%		+50	5290030.76	30.76
End. Point	3.50	+20	5290027.66	27.66

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 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)	5530094.92	94.92
100%		-30	5530029.94	29.94
100%		-20	5530044.28	44.28
100%		-10	5530059.59	59.59
100%		0	5530032.39	32.39
100%		+10	5530078.68	78.68
100%		+30	5530002.35	2.35
100%		+40	5530087.63	87.63
100%		+50	5530054.48	54.48
End. Point	3.50	+20	5530044.70	44.70

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 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)	5775014.25	14.25
100%		-30	5775092.87	92.87
100%		-20	5775065.43	65.43
100%		-10	5775062.14	62.14
100%		0	5775004.39	4.39
100%		+10	5775067.22	67.22
100%		+30	5775046.22	46.22
100%		+40	5775085.08	85.08
100%		+50	5775029.36	29.36
End. Point	3.50	+20	5775075.38	75.38

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.

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)	5210053.93	53.93
100%		-30	5210020.51	20.51
100%		-20	5210086.68	86.68
100%		-10	5210012.70	12.70
100%		0	5210099.73	99.73
100%		+10	5210053.47	53.47
100%		+30	5210007.76	7.76
100%		+40	5210092.29	92.29
100%		+50	5210004.31	4.31
End. Point	3.50	+20	5210086.17	86.17

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 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)	5290023.40	23.40
100%		-30	5290064.79	64.79
100%		-20	5290031.02	31.02
100%		-10	5290009.77	9.77
100%		0	5290009.35	9.35
100%		+10	5290069.20	69.20
100%		+30	5290070.78	70.78
100%		+40	5290094.76	94.76
100%		+50	5290055.43	55.43
End. Point	3.50	+20	5290024.75	24.75

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 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)	5530067.48	67.48
100%		-30	5530032.72	32.72
100%		-20	5530067.62	67.62
100%		-10	5530031.72	31.72
100%		0	5530050.76	50.76
100%		+10	5530089.67	89.67
100%		+30	5530038.20	38.20
100%		+40	5530058.19	58.19
100%		+50	5530073.48	73.48
End. Point	3.50	+20	5530088.28	88.28

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)	5775088.43	88.43
100%		-30	5775038.29	38.29
100%		-20	5775063.35	63.35
100%		-10	5775037.47	37.47
100%		0	5775040.42	40.42
100%		+10	5775040.04	40.04
100%		+30	5775030.78	30.78
100%		+40	5775014.19	14.19
100%		+50	5775001.91	1.91
End. Point	3.50	+20	5775037.62	37.62

Note:

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

10.7 STRADDLE CHANNEL

10.7.1 26dB Bandwidth

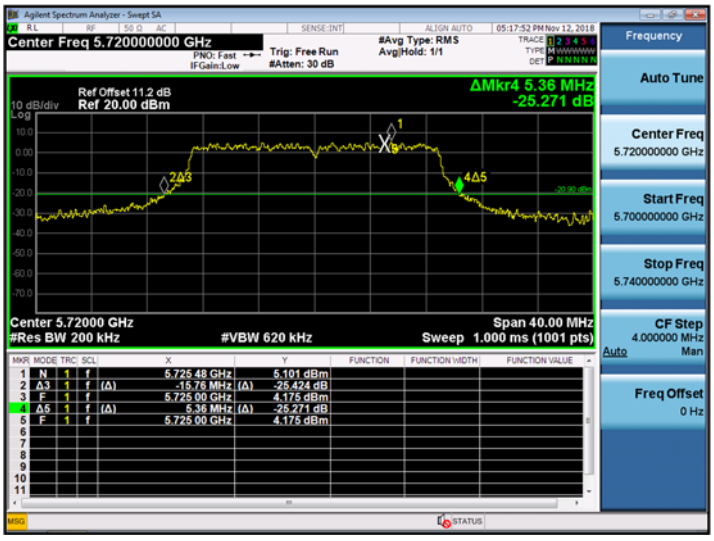
[Ant1]

Mode	Frequency [MHz]	Channel No.	26dB Bandwidth [MHz]
802.11a	5720 (UNII 2C Band)	144	14.64
802.11n(HT20)			15.76
802.11ac(VHT20)			15.60
802.11a	5720 (UNII 3 Band)	144	4.48
802.11n(HT20)			5.36
802.11ac(VHT20)			5.72

Mode	Frequency [MHz]	Channel No.	26dB Bandwidth [MHz]
802.11n(HT40)	5710 (UNII 2C Band)	142	36.36
802.11ac(VHT40)			36.52
802.11n(HT40)	5710 (UNII 3 Band)	142	6.60
802.11ac(VHT40)			6.44

Mode	Frequency [MHz]	Channel No.	26dB Bandwidth [MHz]
802.11ac(VHT80)	5690 (UNII 2C Band)	138	77.12
	5690 (UNII 3 Band)	138	8.92

▣ Test Plots (26dB Bandwidth)

802.11a UNII Band	802.11n(HT20) UNII Band
	

802.11ac(VHT20) UNII Band


▣ Test Plots (26dB Bandwidth)

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

802.11ac(VHT80) UNII Band


[Ant2]

Mode	Frequency [MHz]	Channel No.	26dB Bandwidth [MHz]
802.11a	5720 (UNII 2C Band)	144	14.56
802.11n(HT20)			15.32
802.11ac(VHT20)			15.84
802.11a	5720 (UNII 3 Band)	144	4.84
802.11n(HT20)			5.20
802.11ac(VHT20)			5.12

Mode	Frequency [MHz]	Channel No.	26dB Bandwidth [MHz]
802.11n(HT40)	5710 (UNII 2C Band)	142	36.44
802.11ac(VHT40)			36.44
802.11n(HT40)	5710 (UNII 3 Band)	142	6.52
802.11ac(VHT40)			6.12

Mode	Frequency [MHz]	Channel No.	26dB Bandwidth [MHz]
802.11ac(VHT80)	5690 (UNII 2C Band)	138	77.60
	5690 (UNII 3 Band)	138	9.28

▣ Test Plots (26dB Bandwidth)

802.11a UNII Band

802.11n(HT20) UNII Band

802.11ac(VHT20) UNII Band

▣ Test Plots (26dB Bandwidth)

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

802.11ac(VHT80) UNII Band


10.7.2 6dB Bandwidth

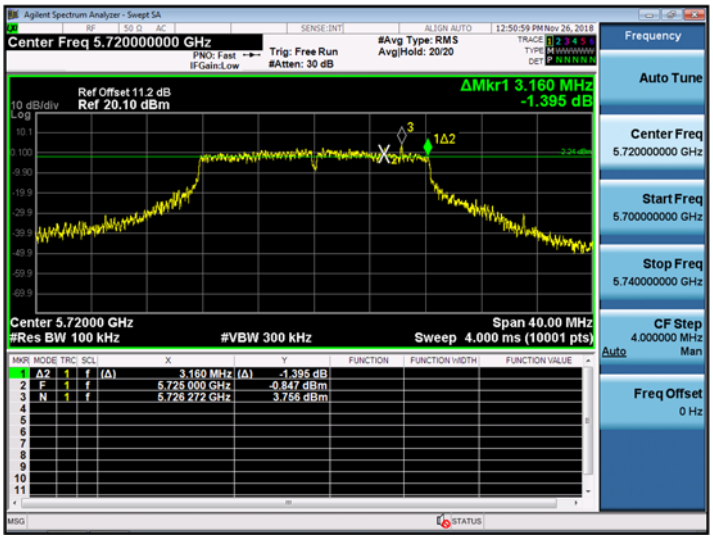
[Ant1]

Mode	Frequency [MHz]	Channel No.	6dB Bandwidth [MHz]
802.11a	5720 (UNII 3 Band)	144	3.160
802.11n(HT20)			3.800
802.11ac(VHT20)			3.784

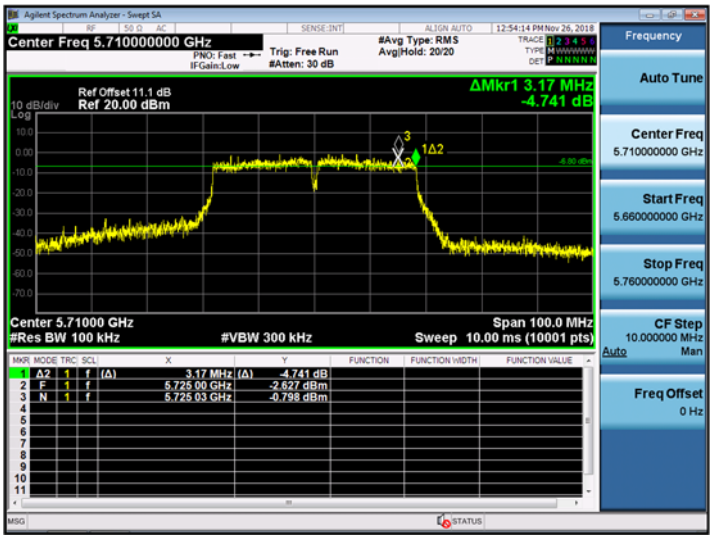
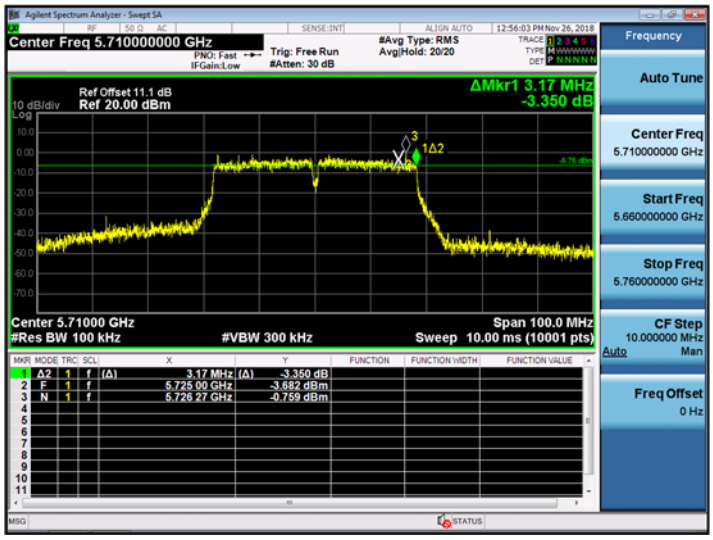
Mode	Frequency [MHz]	Channel No.	6dB Bandwidth [MHz]
802.11n(HT40)	5710 (UNII 3 Band)	142	3.17
802.11ac(VHT40)			3.17

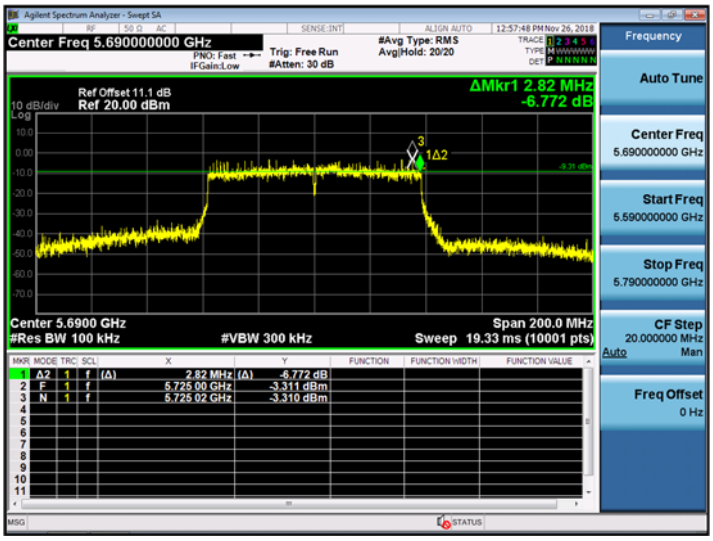
Mode	Frequency [MHz]	Channel No.	6dB Bandwidth [MHz]
802.11ac(VHT80)	5690 (UNII 3 Band)	138	2.82

▣ Test Plots(UNII 3 Band 6dB Bandwidth)

802.11a CH.144	802.11n_HT20 CH.144
	

802.11ac_VHT20 CH.144


802.11n_HT40 CH.142	802.11ac_VHT40 CH.142
	

802.11ac_VHT80 CH.138


[Ant2]

Mode	Frequency [MHz]	Channel No.	6dB Bandwidth [MHz]
802.11a	5720 (UNII 3 Band)	144	3.164
802.11n(HT20)			3.800
802.11ac(VHT20)			3.784

Mode	Frequency [MHz]	Channel No.	6dB Bandwidth [MHz]
802.11n(HT40)	5710 (UNII 3 Band)	142	3.16
802.11ac(VHT40)			3.16

Mode	Frequency [MHz]	Channel No.	6dB Bandwidth [MHz]
802.11ac(VHT80)	5690 (UNII 3 Band)	138	3.12