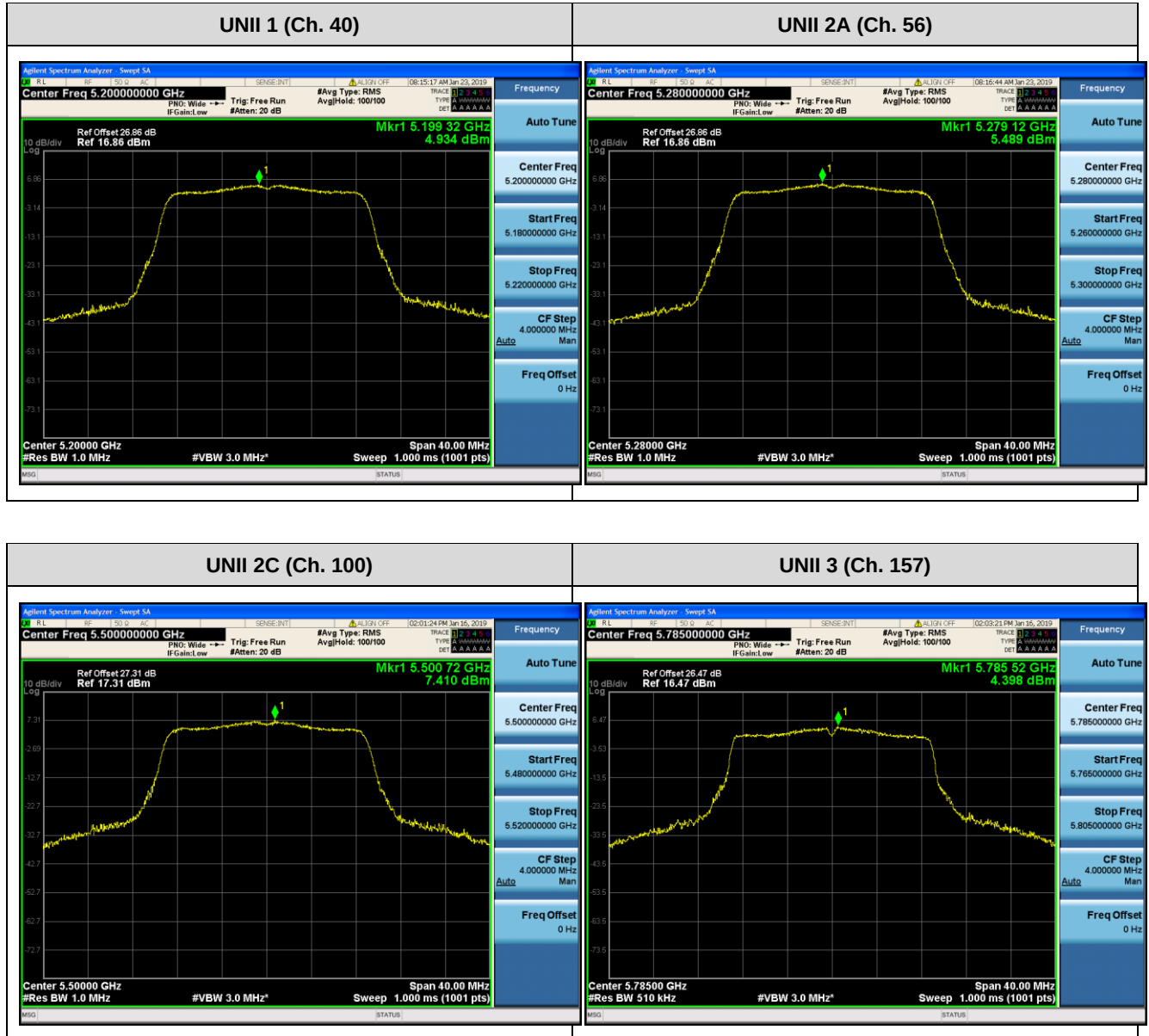


■ Test Plots(802.11ac(VHT20))

Note:

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



■ Test Plots(802.11ac(VHT40))

Note:

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



■ Test Plots(802.11ac(VHT80))

Note:

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



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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5180030.69	30.69
100%		-30	5180042.19	42.19
100%		-20	5180043.47	43.47
100%		-10	5180025.56	25.56
100%		0	5180027.10	27.10
100%		10	5180035.75	35.75
100%		30	5180012.17	12.17
100%		40	5180038.98	38.98
100%		50	5180019.78	19.78
Max.	9.0	20	5180028.24	28.24
Min.	16.0	20	5180021.28	21.28

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 2A
OPERATING FREQUENCY: 5,260,000,000 Hz
CHANNEL: 52
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5260029.59	29.59
100%		-30	5260024.15	24.15
100%		-20	5260012.50	12.50
100%		-10	5260016.45	16.45
100%		0	5260020.37	20.37
100%		10	5260041.14	41.14
100%		30	5260040.34	40.34
100%		40	5260038.27	38.27
100%		50	5260013.07	13.07
Max.	9.0	20	5260037.33	37.33
Min.	16.0	20	5260024.10	24.10

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5500036.38	36.38
100%		-30	5500016.32	16.32
100%		-20	5500026.07	26.07
100%		-10	5500031.12	31.12
100%		0	5500025.95	25.95
100%		10	5500024.85	24.85
100%		30	5500030.09	30.09
100%		40	5500040.71	40.71
100%		50	5500029.80	29.80
Max.	9.0	20	5500038.37	38.37
Min.	16.0	20	5500014.27	14.27

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5745033.88	33.88
100%		-30	5745026.97	26.97
100%		-20	5745028.07	28.07
100%		-10	5745029.32	29.32
100%		0	5745024.36	24.36
100%		10	5745037.94	37.94
100%		30	5745017.13	17.13
100%		40	5745020.41	20.41
100%		50	5745015.41	15.41
Max.	9.0	20	5745038.53	38.53
Min.	16.0	20	5745027.79	27.79

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.

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5180018.60	18.60
100%		-30	5180020.48	20.48
100%		-20	5180041.46	41.46
100%		-10	5180029.70	29.70
100%		0	5180040.50	40.50
100%		10	5180015.14	15.14
100%		30	5180038.26	38.26
100%		40	5180020.99	20.99
100%		50	5180022.93	22.93
Max.	9.0	20	5180024.72	24.72
Min.	16.0	20	5180014.09	14.09

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 2A
OPERATING FREQUENCY: 5,260,000,000 Hz
CHANNEL: 52
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5260043.18	43.18
100%		-30	5260042.82	42.82
100%		-20	5260011.25	11.25
100%		-10	5260030.68	30.68
100%		0	5260043.88	43.88
100%		10	5260015.41	15.41
100%		30	5260018.51	18.51
100%		40	5260019.58	19.58
100%		50	5260012.11	12.11
Max.	9.0	20	5260016.92	16.92
Min.	16.0	20	5260040.32	40.32

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5500019.02	19.02
100%		-30	5500042.93	42.93
100%		-20	5500011.51	11.51
100%		-10	5500013.81	13.81
100%		0	5500037.29	37.29
100%		10	5500043.57	43.57
100%		30	5500015.79	15.79
100%		40	5500010.89	10.89
100%		50	5500021.63	21.63
Max.	9.0	20	5500014.62	14.62
Min.	16.0	20	5500030.43	30.43

Note:

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

OPERATING BAND:	UNII Band 3
OPERATING FREQUENCY:	5,745,000,000 Hz
CHANNEL:	149
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5745038.18	38.18
100%		-30	5745021.95	21.95
100%		-20	5745016.44	16.44
100%		-10	5745015.19	15.19
100%		0	5745010.84	10.84
100%		10	5745035.63	35.63
100%		30	5745033.34	33.34
100%		40	5745029.15	29.15
100%		50	5745029.32	29.32
Max.	9.0	20	5745027.99	27.99
Min.	16.0	20	5745031.01	31.01

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5180026.54	26.54
100%		-30	5180016.50	16.50
100%		-20	5180031.68	31.68
100%		-10	5180017.52	17.52
100%		0	5180013.25	13.25
100%		10	5180015.99	15.99
100%		30	5180043.27	43.27
100%		40	5180013.31	13.31
100%		50	5180020.55	20.55
Max.	9.0	20	5180019.47	19.47
Min.	16.0	20	5180025.95	25.95

Note:

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

OPERATING BAND: UNII Band 2A
OPERATING FREQUENCY: 5,260,000,000 Hz
CHANNEL: 52
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5260035.15	35.15
100%		-30	5260030.66	30.66
100%		-20	5260034.79	34.79
100%		-10	5260037.37	37.37
100%		0	5260034.19	34.19
100%		10	5260015.85	15.85
100%		30	5260044.14	44.14
100%		40	5260037.14	37.14
100%		50	5260039.79	39.79
Max.	9.0	20	5260029.27	29.27
Min.	16.0	20	5260015.19	15.19

Note:

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

OPERATING BAND: UNII Band 2C
OPERATING FREQUENCY: 5,500,000,000 Hz
CHANNEL: 100
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5500013.37	13.37
100%		-30	5500029.32	29.32
100%		-20	5500012.85	12.85
100%		-10	5500043.98	43.98
100%		0	5500029.81	29.81
100%		10	5500035.97	35.97
100%		30	5500044.05	44.05
100%		40	5500042.44	42.44
100%		50	5500037.58	37.58
Max.	9.0	20	5500044.15	44.15
Min.	16.0	20	5500023.09	23.09

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:	5,745,000,000 Hz
CHANNEL:	149
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5745032.02	32.02
100%		-30	5745028.43	28.43
100%		-20	5745041.05	41.05
100%		-10	5745025.12	25.12
100%		0	5745033.48	33.48
100%		10	5745039.70	39.70
100%		30	5745036.55	36.55
100%		40	5745025.04	25.04
100%		50	5745020.11	20.11
Max.	9.0	20	5745016.03	16.03
Min.	16.0	20	5745031.80	31.80

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.

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5180035.15	35.15
100%		-30	5180041.92	41.92
100%		-20	5180035.68	35.68
100%		-10	5180017.99	17.99
100%		0	5180036.60	36.60
100%		10	5180030.33	30.33
100%		30	5180018.60	18.60
100%		40	5180036.57	36.57
100%		50	5180032.18	32.18
Max.	9.0	20	5180044.99	44.99
Min.	16.0	20	5180020.06	20.06

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 2A
OPERATING FREQUENCY:	5,260,000,000 Hz
CHANNEL:	52
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5260019.21	19.21
100%		-30	5260041.64	41.64
100%		-20	5260030.58	30.58
100%		-10	5260011.44	11.44
100%		0	5260017.16	17.16
100%		10	5260014.19	14.19
100%		30	5260044.63	44.63
100%		40	5260040.72	40.72
100%		50	5260021.87	21.87
Max.	9.0	20	5260041.03	41.03
Min.	16.0	20	5260032.32	32.32

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5500012.07	12.07
100%		-30	5500011.47	11.47
100%		-20	5500042.78	42.78
100%		-10	5500015.32	15.32
100%		0	5500027.63	27.63
100%		10	5500013.25	13.25
100%		30	5500044.96	44.96
100%		40	5500040.22	40.22
100%		50	5500018.78	18.78
Max.	9.0	20	5500020.07	20.07
Min.	16.0	20	5500042.72	42.72

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5745035.94	35.94
100%		-30	5745039.38	39.38
100%		-20	5745020.24	20.24
100%		-10	5745017.92	17.92
100%		0	5745024.30	24.30
100%		10	5745038.18	38.18
100%		30	5745025.11	25.11
100%		40	5745011.83	11.83
100%		50	5745034.62	34.62
Max.	9.0	20	5745021.75	21.75
Min.	16.0	20	5745040.76	40.76

Note:

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

[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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5180032.24	32.24
100%		-30	5180038.61	38.61
100%		-20	5180022.32	22.32
100%		-10	5180042.30	42.30
100%		0	5180014.51	14.51
100%		10	5180033.78	33.78
100%		30	5180011.96	11.96
100%		40	5180034.23	34.23
100%		50	5180025.03	25.03
Max.	9.0	20	5180030.92	30.92
Min.	16.0	20	5180032.90	32.90

Note:

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

OPERATING BAND: UNII Band 2A
OPERATING FREQUENCY: 5,260,000,000 Hz
CHANNEL: 52
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5260034.69	34.69
100%		-30	5260014.16	14.16
100%		-20	5260040.31	40.31
100%		-10	5260023.19	23.19
100%		0	5260041.41	41.41
100%		10	5260041.30	41.30
100%		30	5260042.89	42.89
100%		40	5260034.84	34.84
100%		50	5260018.18	18.18
Max.	9.0	20	5260027.51	27.51
Min.	16.0	20	5260030.74	30.74

Note:

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

OPERATING BAND:	UNII Band 2C
OPERATING FREQUENCY:	5,500,000,000 Hz
CHANNEL:	100
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5500011.21	11.21
100%		-30	5500012.57	12.57
100%		-20	5500035.00	35.00
100%		-10	5500016.07	16.07
100%		0	5500022.42	22.42
100%		10	5500036.97	36.97
100%		30	5500041.13	41.13
100%		40	5500027.44	27.44
100%		50	5500041.89	41.89
Max.	9.0	20	5500034.12	34.12
Min.	16.0	20	5500034.39	34.39

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:	5,745,000,000 Hz
CHANNEL:	149
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5745012.42	12.42
100%		-30	5745025.19	25.19
100%		-20	5745014.00	14.00
100%		-10	5745036.04	36.04
100%		0	5745019.56	19.56
100%		10	5745017.39	17.39
100%		30	5745041.81	41.81
100%		40	5745012.70	12.70
100%		50	5745011.60	11.60
Max.	9.0	20	5745013.96	13.96
Min.	16.0	20	5745032.49	32.49

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.

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5180029.99	29.99
100%		-30	5180011.22	11.22
100%		-20	5180022.12	22.12
100%		-10	5180041.49	41.49
100%		0	5180034.30	34.30
100%		10	5180010.19	10.19
100%		30	5180038.46	38.46
100%		40	5180040.27	40.27
100%		50	5180024.74	24.74
Max.	9.0	20	5180022.81	22.81
Min.	16.0	20	5180042.83	42.83

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

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5260015.79	15.79
100%		-30	5260025.34	25.34
100%		-20	5260011.16	11.16
100%		-10	5260038.28	38.28
100%		0	5260040.68	40.68
100%		10	5260024.10	24.10
100%		30	5260029.15	29.15
100%		40	5260025.98	25.98
100%		50	5260041.64	41.64
Max.	9.0	20	5260043.18	43.18
Min.	16.0	20	5260017.96	17.96

Note:

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

Report No.: HCT-RF-1901-FI003

OPERATING BAND:	UNII Band 2C
OPERATING FREQUENCY:	5,500,000,000 Hz
CHANNEL:	100
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5500016.62	16.62
100%		-30	5500024.67	24.67
100%		-20	5500032.46	32.46
100%		-10	5500011.38	11.38
100%		0	5500027.57	27.57
100%		10	5500038.12	38.12
100%		30	5500012.40	12.40
100%		40	5500029.93	29.93
100%		50	5500044.40	44.40
Max.	9.0	20	5500034.94	34.94
Min.	16.0	20	5500024.43	24.43

Note:

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

Report No.: HCT-RF-1901-FI003

OPERATING BAND:	UNII Band 3
OPERATING FREQUENCY:	5,745,000,000 Hz
CHANNEL:	149
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5745040.27	40.27
100%		-30	5745039.81	39.81
100%		-20	5745027.74	27.74
100%		-10	5745033.83	33.83
100%		0	5745025.41	25.41
100%		10	5745027.85	27.85
100%		30	5745019.25	19.25
100%		40	5745023.40	23.40
100%		50	5745020.68	20.68
Max.	9.0	20	5745026.50	26.50
Min.	16.0	20	5745026.59	26.59

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.

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5180042.37	42.37
100%		-30	5180042.08	42.08
100%		-20	5180019.15	19.15
100%		-10	5180011.76	11.76
100%		0	5180021.59	21.59
100%		10	5180037.39	37.39
100%		30	5180010.85	10.85
100%		40	5180015.26	15.26
100%		50	5180041.01	41.01
Max.	9.0	20	5180036.96	36.96
Min.	16.0	20	5180033.24	33.24

Note:

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

OPERATING BAND:	UNII Band 2A
OPERATING FREQUENCY:	5,260,000,000 Hz
CHANNEL:	52
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5260039.32	39.32
100%		-30	5260034.55	34.55
100%		-20	5260012.60	12.60
100%		-10	5260029.94	29.94
100%		0	5260037.65	37.65
100%		10	5260013.66	13.66
100%		30	5260028.44	28.44
100%		40	5260040.56	40.56
100%		50	5260034.12	34.12
Max.	9.0	20	5260013.68	13.68
Min.	16.0	20	5260027.98	27.98

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 2C
OPERATING FREQUENCY:	5,500,000,000 Hz
CHANNEL:	100
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5500037.62	37.62
100%		-30	5500013.06	13.06
100%		-20	5500015.07	15.07
100%		-10	5500025.80	25.80
100%		0	5500035.83	35.83
100%		10	5500041.40	41.40
100%		30	5500025.79	25.79
100%		40	5500040.90	40.90
100%		50	5500034.52	34.52
Max.	9.0	20	5500037.92	37.92
Min.	16.0	20	5500039.93	39.93

Note:

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

OPERATING BAND:	UNII Band 3
OPERATING FREQUENCY:	5,745,000,000 Hz
CHANNEL:	149
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5745018.15	18.15
100%		-30	5745031.56	31.56
100%		-20	5745013.84	13.84
100%		-10	5745015.00	15.00
100%		0	5745025.52	25.52
100%		10	5745040.43	40.43
100%		30	5745023.48	23.48
100%		40	5745035.68	35.68
100%		50	5745036.90	36.90
Max.	9.0	20	5745012.70	12.70
Min.	16.0	20	5745041.33	41.33

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5180011.00	11.00
100%		-30	5180011.06	11.06
100%		-20	5180015.10	15.10
100%		-10	5180042.17	42.17
100%		0	5180024.63	24.63
100%		10	5180034.63	34.63
100%		30	5180036.55	36.55
100%		40	5180014.85	14.85
100%		50	5180017.79	17.79
Max.	9.0	20	5180011.98	11.98
Min.	16.0	20	5180019.75	19.75

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 2A
OPERATING FREQUENCY: 5,260,000,000 Hz
CHANNEL: 52
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5260038.96	38.96
100%		-30	5260026.32	26.32
100%		-20	5260033.35	33.35
100%		-10	5260013.18	13.18
100%		0	5260035.01	35.01
100%		10	5260031.10	31.10
100%		30	5260011.05	11.05
100%		40	5260018.49	18.49
100%		50	5260037.30	37.30
Max.	9.0	20	5260024.63	24.63
Min.	16.0	20	5260024.30	24.30

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5500042.62	42.62
100%		-30	5500012.93	12.93
100%		-20	5500027.50	27.50
100%		-10	5500011.12	11.12
100%		0	5500027.96	27.96
100%		10	5500019.61	19.61
100%		30	5500036.39	36.39
100%		40	5500023.32	23.32
100%		50	5500038.60	38.60
Max.	9.0	20	5500022.33	22.33
Min.	16.0	20	5500038.05	38.05

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:	5,745,000,000 Hz
CHANNEL:	149
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5745025.33	25.33
100%		-30	5745044.46	44.46
100%		-20	5745016.44	16.44
100%		-10	5745012.27	12.27
100%		0	5745021.00	21.00
100%		10	5745020.88	20.88
100%		30	5745025.62	25.62
100%		40	5745025.28	25.28
100%		50	5745042.28	42.28
Max.	9.0	20	5745028.53	28.53
Min.	16.0	20	5745020.53	20.53

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5190019.48	19.48
100%		-30	5190023.44	23.44
100%		-20	5190030.90	30.90
100%		-10	5190012.95	12.95
100%		0	5190013.84	13.84
100%		10	5190029.19	29.19
100%		30	5190012.31	12.31
100%		40	5190033.83	33.83
100%		50	5190040.98	40.98
Max.	9.0	20	5190033.98	33.98
Min.	16.0	20	5190026.90	26.90

Note:

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

OPERATING BAND:	UNII Band 2A
OPERATING FREQUENCY:	5,270,000,000 Hz
CHANNEL:	54
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5270031.94	31.94
100%		-30	5270044.92	44.92
100%		-20	5270025.62	25.62
100%		-10	5270039.78	39.78
100%		0	5270022.38	22.38
100%		10	5270013.15	13.15
100%		30	5270024.64	24.64
100%		40	5270022.29	22.29
100%		50	5270041.82	41.82
Max.	9.0	20	5270015.13	15.13
Min.	16.0	20	5270013.96	13.96

Note:

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

OPERATING BAND:	UNII Band 2C
OPERATING FREQUENCY:	5,510,000,000 Hz
CHANNEL:	102
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5510023.84	23.84
100%		-30	5510038.17	38.17
100%		-20	5510020.05	20.05
100%		-10	5510040.58	40.58
100%		0	5510022.73	22.73
100%		10	5510029.05	29.05
100%		30	5510020.72	20.72
100%		40	5510017.63	17.63
100%		50	5510011.26	11.26
Max.	9.0	20	5510014.73	14.73
Min.	16.0	20	5510025.72	25.72

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:	5,755,000,000 Hz
CHANNEL:	151
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5755043.44	43.44
100%		-30	5755012.77	12.77
100%		-20	5755012.11	12.11
100%		-10	5755039.98	39.98
100%		0	5755030.70	30.70
100%		10	5755019.29	19.29
100%		30	5755043.39	43.39
100%		40	5755032.19	32.19
100%		50	5755016.53	16.53
Max.	9.0	20	5755023.66	23.66
Min.	16.0	20	5755013.26	13.26

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.

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5190029.12	29.12
100%		-30	5190018.78	18.78
100%		-20	5190028.19	28.19
100%		-10	5190017.17	17.17
100%		0	5190033.29	33.29
100%		10	5190010.58	10.58
100%		30	5190044.89	44.89
100%		40	5190010.54	10.54
100%		50	5190024.88	24.88
Max.	9.0	20	5190015.05	15.05
Min.	16.0	20	5190042.52	42.52

Note:

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

OPERATING BAND:	UNII Band 2A
OPERATING FREQUENCY:	5,270,000,000 Hz
CHANNEL:	54
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5270012.53	12.53
100%		-30	5270032.33	32.33
100%		-20	5270031.80	31.80
100%		-10	5270034.34	34.34
100%		0	5270030.02	30.02
100%		10	5270014.38	14.38
100%		30	5270030.11	30.11
100%		40	5270012.36	12.36
100%		50	5270038.40	38.40
Max.	9.0	20	5270034.04	34.04
Min.	16.0	20	5270022.12	22.12

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5510040.93	40.93
100%		-30	5510035.63	35.63
100%		-20	5510016.65	16.65
100%		-10	5510037.66	37.66
100%		0	5510014.07	14.07
100%		10	5510042.81	42.81
100%		30	5510022.36	22.36
100%		40	5510017.63	17.63
100%		50	5510039.83	39.83
Max.	9.0	20	5510044.38	44.38
Min.	16.0	20	5510020.03	20.03

Note:

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

OPERATING BAND:	UNII Band 3
OPERATING FREQUENCY:	5,755,000,000 Hz
CHANNEL:	151
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5755034.04	34.04
100%		-30	5755035.00	35.00
100%		-20	5755037.10	37.10
100%		-10	5755039.66	39.66
100%		0	5755018.91	18.91
100%		10	5755016.05	16.05
100%		30	5755011.89	11.89
100%		40	5755022.45	22.45
100%		50	5755044.19	44.19
Max.	9.0	20	5755035.15	35.15
Min.	16.0	20	5755044.47	44.47

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5190030.83	30.83
100%		-30	5190026.45	26.45
100%		-20	5190019.36	19.36
100%		-10	5190019.02	19.02
100%		0	5190011.56	11.56
100%		10	5190013.44	13.44
100%		30	5190027.59	27.59
100%		40	5190012.06	12.06
100%		50	5190019.82	19.82
Max.	9.0	20	5190040.46	40.46
Min.	16.0	20	5190024.12	24.12

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5270013.51	13.51
100%		-30	5270012.60	12.60
100%		-20	5270038.08	38.08
100%		-10	5270043.28	43.28
100%		0	5270012.47	12.47
100%		10	5270037.90	37.90
100%		30	5270021.18	21.18
100%		40	5270030.84	30.84
100%		50	5270017.27	17.27
Max.	9.0	20	5270027.34	27.34
Min.	16.0	20	5270033.12	33.12

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5510024.06	24.06
100%		-30	5510042.48	42.48
100%		-20	5510012.28	12.28
100%		-10	5510018.42	18.42
100%		0	5510019.85	19.85
100%		10	5510042.45	42.45
100%		30	5510026.63	26.63
100%		40	5510043.01	43.01
100%		50	5510043.30	43.30
Max.	9.0	20	5510015.13	15.13
Min.	16.0	20	5510015.09	15.09

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: 5,755,000,000 Hz
CHANNEL: 151
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5755034.13	34.13
100%		-30	5755044.08	44.08
100%		-20	5755011.02	11.02
100%		-10	5755010.20	10.20
100%		0	5755034.80	34.80
100%		10	5755011.90	11.90
100%		30	5755021.06	21.06
100%		40	5755042.74	42.74
100%		50	5755030.42	30.42
Max.	9.0	20	5755025.41	25.41
Min.	16.0	20	5755028.22	28.22

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.

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5190016.17	16.17
100%		-30	5190043.49	43.49
100%		-20	5190023.05	23.05
100%		-10	5190027.99	27.99
100%		0	5190029.58	29.58
100%		10	5190035.49	35.49
100%		30	5190024.96	24.96
100%		40	5190013.39	13.39
100%		50	5190031.40	31.40
Max.	9.0	20	5190026.10	26.10
Min.	16.0	20	5190040.07	40.07

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:	5,270,000,000 Hz
CHANNEL:	54
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5270014.67	14.67
100%		-30	5270030.12	30.12
100%		-20	5270022.06	22.06
100%		-10	5270032.82	32.82
100%		0	5270018.58	18.58
100%		10	5270010.24	10.24
100%		30	5270044.37	44.37
100%		40	5270021.74	21.74
100%		50	5270028.49	28.49
Max.	9.0	20	5270035.47	35.47
Min.	16.0	20	5270028.58	28.58

Note:

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

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OPERATING BAND:	UNII Band 2C
OPERATING FREQUENCY:	5,510,000,000 Hz
CHANNEL:	102
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5510044.22	44.22
100%		-30	5510035.95	35.95
100%		-20	5510021.29	21.29
100%		-10	5510034.84	34.84
100%		0	5510033.97	33.97
100%		10	5510038.15	38.15
100%		30	5510015.25	15.25
100%		40	5510036.24	36.24
100%		50	5510043.02	43.02
Max.	9.0	20	5510038.42	38.42
Min.	16.0	20	5510039.60	39.60

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 3
OPERATING FREQUENCY:	5,755,000,000 Hz
CHANNEL:	151
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5755043.00	43.00
100%		-30	5755034.49	34.49
100%		-20	5755039.70	39.70
100%		-10	5755011.84	11.84
100%		0	5755013.52	13.52
100%		10	5755016.10	16.10
100%		30	5755023.80	23.80
100%		40	5755021.69	21.69
100%		50	5755016.20	16.20
Max.	9.0	20	5755033.78	33.78
Min.	16.0	20	5755034.48	34.48

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.

[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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5190029.52	29.52
100%		-30	5190017.04	17.04
100%		-20	5190044.87	44.87
100%		-10	5190043.43	43.43
100%		0	5190031.75	31.75
100%		10	5190034.87	34.87
100%		30	5190021.87	21.87
100%		40	5190042.21	42.21
100%		50	5190016.04	16.04
Max.	9.0	20	5190026.69	26.69
Min.	16.0	20	5190043.90	43.90

Note:

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

OPERATING BAND:	UNII Band 2A
OPERATING FREQUENCY:	5,270,000,000 Hz
CHANNEL:	54
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5270031.51	31.51
100%		-30	5270010.14	10.14
100%		-20	5270037.12	37.12
100%		-10	5270026.02	26.02
100%		0	5270035.10	35.10
100%		10	5270032.56	32.56
100%		30	5270033.40	33.40
100%		40	5270017.77	17.77
100%		50	5270035.80	35.80
Max.	9.0	20	5270031.26	31.26
Min.	16.0	20	5270011.24	11.24

Note:

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

OPERATING BAND:	UNII Band 2C
OPERATING FREQUENCY:	5,510,000,000 Hz
CHANNEL:	102
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5510041.17	41.17
100%		-30	5510012.24	12.24
100%		-20	5510044.81	44.81
100%		-10	5510017.41	17.41
100%		0	5510028.67	28.67
100%		10	5510041.97	41.97
100%		30	5510021.15	21.15
100%		40	5510020.74	20.74
100%		50	5510044.52	44.52
Max.	9.0	20	5510035.72	35.72
Min.	16.0	20	5510030.99	30.99

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 3
OPERATING FREQUENCY:	5,755,000,000 Hz
CHANNEL:	151
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5755010.17	10.17
100%		-30	5755036.28	36.28
100%		-20	5755015.89	15.89
100%		-10	5755012.14	12.14
100%		0	5755021.04	21.04
100%		10	5755022.22	22.22
100%		30	5755016.09	16.09
100%		40	5755038.33	38.33
100%		50	5755026.93	26.93
Max.	9.0	20	5755023.67	23.67
Min.	16.0	20	5755010.96	10.96

Note:

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

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5190017.82	17.82
100%		-30	5190032.36	32.36
100%		-20	5190027.93	27.93
100%		-10	5190037.03	37.03
100%		0	5190035.37	35.37
100%		10	5190014.32	14.32
100%		30	5190032.56	32.56
100%		40	5190017.98	17.98
100%		50	5190014.96	14.96
Max.	9.0	20	5190027.78	27.78
Min.	16.0	20	5190039.31	39.31

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: 5,270,000,000 Hz
 CHANNEL: 54
 REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5270026.98	26.98
100%		-30	5270044.24	44.24
100%		-20	5270040.82	40.82
100%		-10	5270042.98	42.98
100%		0	5270036.70	36.70
100%		10	5270037.90	37.90
100%		30	5270041.94	41.94
100%		40	5270014.62	14.62
100%		50	5270037.28	37.28
Max.	9.0	20	5270033.44	33.44
Min.	16.0	20	5270036.08	36.08

Note:

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

OPERATING BAND:	UNII Band 2C
OPERATING FREQUENCY:	5,510,000,000 Hz
CHANNEL:	102
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5510018.47	18.47
100%		-30	5510032.62	32.62
100%		-20	5510019.66	19.66
100%		-10	5510039.87	39.87
100%		0	5510014.15	14.15
100%		10	5510042.22	42.22
100%		30	5510021.41	21.41
100%		40	5510024.04	24.04
100%		50	5510020.63	20.63
Max.	9.0	20	5510028.39	28.39
Min.	16.0	20	5510040.60	40.60

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 3
OPERATING FREQUENCY:	5,755,000,000 Hz
CHANNEL:	151
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5755015.74	15.74
100%		-30	5755031.69	31.69
100%		-20	5755032.59	32.59
100%		-10	5755022.00	22.00
100%		0	5755037.77	37.77
100%		10	5755040.10	40.10
100%		30	5755013.38	13.38
100%		40	5755029.43	29.43
100%		50	5755010.27	10.27
Max.	9.0	20	5755029.86	29.86
Min.	16.0	20	5755023.37	23.37

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.

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5190027.66	27.66
100%		-30	5190042.87	42.87
100%		-20	5190038.55	38.55
100%		-10	5190019.25	19.25
100%		0	5190020.77	20.77
100%		10	5190038.13	38.13
100%		30	5190017.21	17.21
100%		40	5190011.75	11.75
100%		50	5190043.88	43.88
Max.	9.0	20	5190010.97	10.97
Min.	16.0	20	5190028.62	28.62

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.

OPERATING BAND:	UNII Band 2A
OPERATING FREQUENCY:	5,270,000,000 Hz
CHANNEL:	54
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5270013.70	13.70
100%		-30	5270032.89	32.89
100%		-20	5270034.73	34.73
100%		-10	5270038.71	38.71
100%		0	5270028.69	28.69
100%		10	5270024.72	24.72
100%		30	5270015.70	15.70
100%		40	5270011.98	11.98
100%		50	5270021.19	21.19
Max.	9.0	20	5270028.76	28.76
Min.	16.0	20	5270038.05	38.05

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 2C
OPERATING FREQUENCY:	5,510,000,000 Hz
CHANNEL:	102
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5510019.03	19.03
100%		-30	5510044.12	44.12
100%		-20	5510017.11	17.11
100%		-10	5510016.70	16.70
100%		0	5510019.99	19.99
100%		10	5510024.21	24.21
100%		30	5510016.78	16.78
100%		40	5510041.47	41.47
100%		50	5510022.96	22.96
Max.	9.0	20	5510037.75	37.75
Min.	16.0	20	5510028.05	28.05

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5755044.10	44.10
100%		-30	5755038.95	38.95
100%		-20	5755036.31	36.31
100%		-10	5755044.94	44.94
100%		0	5755037.30	37.30
100%		10	5755038.75	38.75
100%		30	5755026.90	26.90
100%		40	5755024.39	24.39
100%		50	5755033.21	33.21
Max.	9.0	20	5755016.46	16.46
Min.	16.0	20	5755019.52	19.52

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.

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5190019.67	19.67
100%		-30	5190035.67	35.67
100%		-20	5190026.77	26.77
100%		-10	5190027.84	27.84
100%		0	5190010.21	10.21
100%		10	5190041.26	41.26
100%		30	5190027.24	27.24
100%		40	5190042.17	42.17
100%		50	5190032.40	32.40
Max.	9.0	20	5190014.78	14.78
Min.	16.0	20	5190018.10	18.10

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5270043.69	43.69
100%		-30	5270034.24	34.24
100%		-20	5270019.44	19.44
100%		-10	5270032.70	32.70
100%		0	5270040.72	40.72
100%		10	5270013.28	13.28
100%		30	5270021.19	21.19
100%		40	5270015.71	15.71
100%		50	5270030.59	30.59
Max.	9.0	20	5270044.61	44.61
Min.	16.0	20	5270038.50	38.50

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 2C
OPERATING FREQUENCY:	5,510,000,000 Hz
CHANNEL:	102
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5510036.67	36.67
100%		-30	5510036.30	36.30
100%		-20	5510029.12	29.12
100%		-10	5510022.62	22.62
100%		0	5510016.08	16.08
100%		10	5510020.03	20.03
100%		30	5510022.27	22.27
100%		40	5510035.74	35.74
100%		50	5510040.67	40.67
Max.	9.0	20	5510015.91	15.91
Min.	16.0	20	5510029.80	29.80

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 3
OPERATING FREQUENCY: 5,755,000,000 Hz
CHANNEL: 151
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5755023.80	23.80
100%		-30	5755029.26	29.26
100%		-20	5755042.14	42.14
100%		-10	5755043.02	43.02
100%		0	5755040.97	40.97
100%		10	5755026.78	26.78
100%		30	5755020.27	20.27
100%		40	5755014.80	14.80
100%		50	5755033.15	33.15
Max.	9.0	20	5755024.32	24.32
Min.	16.0	20	5755016.53	16.53

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5210018.76	18.76
100%		-30	5210039.94	39.94
100%		-20	5210034.46	34.46
100%		-10	5210014.79	14.79
100%		0	5210011.05	11.05
100%		10	5210041.53	41.53
100%		30	5210038.59	38.59
100%		40	5210037.31	37.31
100%		50	5210011.74	11.74
Max.	9.0	20	5210044.81	44.81
Min.	16.0	20	5210034.68	34.68

Note:

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

OPERATING BAND:	UNII Band 2A
OPERATING FREQUENCY:	5,290,000,000 Hz
CHANNEL:	58
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5290019.86	19.86
100%		-30	5290042.30	42.30
100%		-20	5290023.86	23.86
100%		-10	5290037.13	37.13
100%		0	5290020.28	20.28
100%		10	5290036.17	36.17
100%		30	5290019.87	19.87
100%		40	5290032.68	32.68
100%		50	5290016.28	16.28
Max.	9.0	20	5290017.95	17.95
Min.	16.0	20	5290031.72	31.72

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 2C
OPERATING FREQUENCY:	5,530,000,000 Hz
CHANNEL:	106
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5530033.14	33.14
100%		-30	5530041.22	41.22
100%		-20	5530036.78	36.78
100%		-10	5530010.38	10.38
100%		0	5530037.94	37.94
100%		10	5530019.08	19.08
100%		30	5530011.17	11.17
100%		40	5530013.78	13.78
100%		50	5530041.46	41.46
Max.	9.0	20	5530026.78	26.78
Min.	16.0	20	5530025.77	25.77

Note:

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

OPERATING BAND:	UNII Band 3
OPERATING FREQUENCY:	5,775,000,000 Hz
CHANNEL:	155
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5775041.59	41.59
100%		-30	5775012.85	12.85
100%		-20	5775033.72	33.72
100%		-10	5775029.78	29.78
100%		0	5775025.07	25.07
100%		10	5775034.02	34.02
100%		30	5775011.90	11.90
100%		40	5775026.93	26.93
100%		50	5775039.08	39.08
Max.	9.0	20	5775035.00	35.00
Min.	16.0	20	5775024.54	24.54

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.

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5210044.36	44.36
100%		-30	5210011.38	11.38
100%		-20	5210016.50	16.50
100%		-10	5210020.28	20.28
100%		0	5210044.55	44.55
100%		10	5210027.44	27.44
100%		30	5210027.83	27.83
100%		40	5210033.03	33.03
100%		50	5210041.00	41.00
Max.	9.0	20	5210013.78	13.78
Min.	16.0	20	5210025.43	25.43

Note:

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

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OPERATING BAND:	UNII Band 2A
OPERATING FREQUENCY:	5,290,000,000 Hz
CHANNEL:	58
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5290026.23	26.23
100%		-30	5290038.81	38.81
100%		-20	5290036.29	36.29
100%		-10	5290038.76	38.76
100%		0	5290024.45	24.45
100%		10	5290031.70	31.70
100%		30	5290011.74	11.74
100%		40	5290041.81	41.81
100%		50	5290029.52	29.52
Max.	9.0	20	5290027.87	27.87
Min.	16.0	20	5290029.86	29.86

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 2C
OPERATING FREQUENCY:	5,530,000,000 Hz
CHANNEL:	106
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5530042.08	42.08
100%		-30	5530018.84	18.84
100%		-20	5530011.19	11.19
100%		-10	5530021.63	21.63
100%		0	5530034.10	34.10
100%		10	5530014.02	14.02
100%		30	5530043.10	43.10
100%		40	5530020.90	20.90
100%		50	5530016.52	16.52
Max.	9.0	20	5530017.09	17.09
Min.	16.0	20	5530043.91	43.91

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 3
OPERATING FREQUENCY:	5,775,000,000 Hz
CHANNEL:	155
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5775018.52	18.52
100%		-30	5775011.36	11.36
100%		-20	5775027.10	27.10
100%		-10	5775031.68	31.68
100%		0	5775015.48	15.48
100%		10	5775041.99	41.99
100%		30	5775013.02	13.02
100%		40	5775040.81	40.81
100%		50	5775013.58	13.58
Max.	9.0	20	5775021.87	21.87
Min.	16.0	20	5775034.14	34.14

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.

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5210015.70	15.70
100%		-30	5210039.07	39.07
100%		-20	5210038.06	38.06
100%		-10	5210039.00	39.00
100%		0	5210024.04	24.04
100%		10	5210042.37	42.37
100%		30	5210026.12	26.12
100%		40	5210022.75	22.75
100%		50	5210025.94	25.94
Max.	9.0	20	5210031.01	31.01
Min.	16.0	20	5210022.54	22.54

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 2A
OPERATING FREQUENCY:	5,290,000,000 Hz
CHANNEL:	58
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5290037.69	37.69
100%		-30	5290033.94	33.94
100%		-20	5290033.46	33.46
100%		-10	5290014.47	14.47
100%		0	5290014.89	14.89
100%		10	5290033.21	33.21
100%		30	5290025.75	25.75
100%		40	5290043.58	43.58
100%		50	5290016.16	16.16
Max.	9.0	20	5290020.36	20.36
Min.	16.0	20	5290022.98	22.98

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 2C
OPERATING FREQUENCY:	5,530,000,000 Hz
CHANNEL:	106
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5530019.28	19.28
100%		-30	5530041.08	41.08
100%		-20	5530033.81	33.81
100%		-10	5530010.53	10.53
100%		0	5530013.24	13.24
100%		10	5530034.94	34.94
100%		30	5530037.84	37.84
100%		40	5530025.22	25.22
100%		50	5530039.89	39.89
Max.	9.0	20	5530034.38	34.38
Min.	16.0	20	5530014.43	14.43

Note:

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

OPERATING BAND:	UNII Band 3
OPERATING FREQUENCY:	5,775,000,000 Hz
CHANNEL:	155
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5775035.64	35.64
100%		-30	5775023.98	23.98
100%		-20	5775037.38	37.38
100%		-10	5775011.46	11.46
100%		0	5775023.32	23.32
100%		10	5775031.18	31.18
100%		30	5775030.06	30.06
100%		40	5775036.47	36.47
100%		50	5775039.58	39.58
Max.	9.0	20	5775011.12	11.12
Min.	16.0	20	5775011.68	11.68

Note:

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

10 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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5210043.14	43.14
100%		-30	5210026.35	26.35
100%		-20	5210022.99	22.99
100%		-10	5210010.61	10.61
100%		0	5210037.76	37.76
100%		10	5210041.65	41.65
100%		30	5210031.87	31.87
100%		40	5210031.26	31.26
100%		50	5210026.38	26.38
Max.	9.0	20	5210037.05	37.05
Min.	16.0	20	5210034.20	34.20

Note:

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

OPERATING BAND:	UNII Band 2A
OPERATING FREQUENCY:	5,290,000,000 Hz
CHANNEL:	58
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5290041.16	41.16
100%		-30	5290039.79	39.79
100%		-20	5290029.29	29.29
100%		-10	5290036.13	36.13
100%		0	5290041.32	41.32
100%		10	5290020.08	20.08
100%		30	5290023.13	23.13
100%		40	5290040.20	40.20
100%		50	5290034.71	34.71
Max.	9.0	20	5290043.03	43.03
Min.	16.0	20	5290018.02	18.02

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5530043.95	43.95
100%		-30	5530018.99	18.99
100%		-20	5530032.38	32.38
100%		-10	5530015.47	15.47
100%		0	5530021.08	21.08
100%		10	5530017.64	17.64
100%		30	5530044.74	44.74
100%		40	5530012.16	12.16
100%		50	5530044.48	44.48
Max.	9.0	20	5530022.83	22.83
Min.	16.0	20	5530036.28	36.28

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5775040.99	40.99
100%		-30	5775023.42	23.42
100%		-20	5775012.70	12.70
100%		-10	5775032.12	32.12
100%		0	5775031.53	31.53
100%		10	5775038.32	38.32
100%		30	5775032.49	32.49
100%		40	5775041.58	41.58
100%		50	5775042.30	42.30
Max.	9.0	20	5775029.84	29.84
Min.	16.0	20	5775028.34	28.34

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.

[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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5210011.42	11.42
100%		-30	5210022.59	22.59
100%		-20	5210042.61	42.61
100%		-10	5210023.50	23.50
100%		0	5210035.04	35.04
100%		10	5210012.30	12.30
100%		30	5210022.93	22.93
100%		40	5210028.65	28.65
100%		50	5210033.43	33.43
Max.	9.0	20	5210035.73	35.73
Min.	16.0	20	5210035.12	35.12

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5290034.09	34.09
100%		-30	5290025.71	25.71
100%		-20	5290042.33	42.33
100%		-10	5290041.21	41.21
100%		0	5290036.26	36.26
100%		10	5290042.45	42.45
100%		30	5290039.12	39.12
100%		40	5290014.12	14.12
100%		50	5290039.19	39.19
Max.	9.0	20	5290037.89	37.89
Min.	16.0	20	5290040.49	40.49

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 2C
OPERATING FREQUENCY: 5,530,000,000 Hz
CHANNEL: 106
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5530038.17	38.17
100%		-30	5530031.95	31.95
100%		-20	5530040.92	40.92
100%		-10	5530031.93	31.93
100%		0	5530030.64	30.64
100%		10	5530039.80	39.80
100%		30	5530037.65	37.65
100%		40	5530010.33	10.33
100%		50	5530040.26	40.26
Max.	9.0	20	5530044.60	44.60
Min.	16.0	20	5530035.64	35.64

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 3
OPERATING FREQUENCY: 5,775,000,000 Hz
CHANNEL: 155
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5775024.66	24.66
100%		-30	5775019.20	19.20
100%		-20	5775017.99	17.99
100%		-10	5775033.37	33.37
100%		0	5775036.09	36.09
100%		10	5775013.53	13.53
100%		30	5775037.11	37.11
100%		40	5775010.30	10.30
100%		50	5775012.31	12.31
Max.	9.0	20	5775021.57	21.57
Min.	16.0	20	5775034.22	34.22

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: 5,210,000,000 Hz
CHANNEL: 42
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5210013.93	13.93
100%		-30	5210041.41	41.41
100%		-20	5210022.14	22.14
100%		-10	5210033.37	33.37
100%		0	5210011.23	11.23
100%		10	5210025.34	25.34
100%		30	5210025.10	25.10
100%		40	5210023.51	23.51
100%		50	5210014.15	14.15
Max.	9.0	20	5210024.76	24.76
Min.	16.0	20	5210043.67	43.67

Note:

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

OPERATING BAND:	UNII Band 2A
OPERATING FREQUENCY:	5,290,000,000 Hz
CHANNEL:	58
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5290041.84	41.84
100%		-30	5290030.90	30.90
100%		-20	5290039.67	39.67
100%		-10	5290018.87	18.87
100%		0	5290031.52	31.52
100%		10	5290040.36	40.36
100%		30	5290031.03	31.03
100%		40	5290017.47	17.47
100%		50	5290033.02	33.02
Max.	9.0	20	5290014.56	14.56
Min.	16.0	20	5290011.73	11.73

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 2C
OPERATING FREQUENCY:	5,530,000,000 Hz
CHANNEL:	106
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5530015.34	15.34
100%		-30	5530011.81	11.81
100%		-20	5530011.99	11.99
100%		-10	5530031.94	31.94
100%		0	5530028.80	28.80
100%		10	5530040.74	40.74
100%		30	5530039.03	39.03
100%		40	5530025.42	25.42
100%		50	5530014.49	14.49
Max.	9.0	20	5530017.19	17.19
Min.	16.0	20	5530021.92	21.92

Note:

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

OPERATING BAND:	UNII Band 3
OPERATING FREQUENCY:	5,775,000,000 Hz
CHANNEL:	155
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5775035.35	35.35
100%		-30	5775016.41	16.41
100%		-20	5775013.21	13.21
100%		-10	5775014.32	14.32
100%		0	5775029.98	29.98
100%		10	5775036.89	36.89
100%		30	5775044.87	44.87
100%		40	5775031.94	31.94
100%		50	5775032.66	32.66
Max.	9.0	20	5775034.64	34.64
Min.	16.0	20	5775035.58	35.58

Note:

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

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5210029.73	29.73
100%		-30	5210015.15	15.15
100%		-20	5210010.00	10.00
100%		-10	5210023.42	23.42
100%		0	5210040.36	40.36
100%		10	5210017.09	17.09
100%		30	5210029.58	29.58
100%		40	5210012.03	12.03
100%		50	5210031.15	31.15
Max.	9.0	20	5210011.82	11.82
Min.	16.0	20	5210030.56	30.56

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 2A
OPERATING FREQUENCY: 5,290,000,000 Hz
CHANNEL: 58
REFERENCE VOLTAGE: 3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5290020.33	20.33
100%		-30	5290034.61	34.61
100%		-20	5290044.18	44.18
100%		-10	5290018.37	18.37
100%		0	5290023.95	23.95
100%		10	5290016.47	16.47
100%		30	5290013.17	13.17
100%		40	5290033.07	33.07
100%		50	5290033.09	33.09
Max.	9.0	20	5290011.39	11.39
Min.	16.0	20	5290012.85	12.85

Note:

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

Report No.: HCT-RF-1901-FI003

OPERATING BAND:	UNII Band 2C
OPERATING FREQUENCY:	5,530,000,000 Hz
CHANNEL:	106
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5530020.50	20.50
100%		-30	5530022.23	22.23
100%		-20	5530027.62	27.62
100%		-10	5530028.13	28.13
100%		0	5530041.63	41.63
100%		10	5530040.10	40.10
100%		30	5530021.95	21.95
100%		40	5530043.60	43.60
100%		50	5530026.00	26.00
Max.	9.0	20	5530022.66	22.66
Min.	16.0	20	5530032.44	32.44

Note:

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

OPERATING BAND:	UNII Band 3
OPERATING FREQUENCY:	5,775,000,000 Hz
CHANNEL:	155
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5775024.46	24.46
100%		-30	5775039.77	39.77
100%		-20	5775027.14	27.14
100%		-10	5775011.85	11.85
100%		0	5775036.95	36.95
100%		10	5775040.99	40.99
100%		30	5775028.53	28.53
100%		40	5775042.13	42.13
100%		50	5775043.31	43.31
Max.	9.0	20	5775024.35	24.35
Min.	16.0	20	5775025.31	25.31

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.

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. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5210014.97	14.97
100%		-30	5210044.92	44.92
100%		-20	5210024.15	24.15
100%		-10	5210024.37	24.37
100%		0	5210035.33	35.33
100%		10	5210031.48	31.48
100%		30	5210010.29	10.29
100%		40	5210019.61	19.61
100%		50	5210013.15	13.15
Max.	9.0	20	5210042.72	42.72
Min.	16.0	20	5210026.89	26.89

Note:

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

OPERATING BAND:	UNII Band 2A
OPERATING FREQUENCY:	5,290,000,000 Hz
CHANNEL:	58
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5290033.01	33.01
100%		-30	5290013.46	13.46
100%		-20	5290036.91	36.91
100%		-10	5290040.42	40.42
100%		0	5290016.24	16.24
100%		10	5290013.09	13.09
100%		30	5290035.43	35.43
100%		40	5290029.91	29.91
100%		50	5290017.03	17.03
Max.	9.0	20	5290041.09	41.09
Min.	16.0	20	5290043.95	43.95

Note:

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

OPERATING BAND:	UNII Band 2C
OPERATING FREQUENCY:	5,530,000,000 Hz
CHANNEL:	106
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5530015.03	15.03
100%		-30	5530018.74	18.74
100%		-20	5530029.12	29.12
100%		-10	5530031.54	31.54
100%		0	5530017.86	17.86
100%		10	5530019.64	19.64
100%		30	5530021.66	21.66
100%		40	5530025.81	25.81
100%		50	5530031.67	31.67
Max.	9.0	20	5530043.25	43.25
Min.	16.0	20	5530031.56	31.56

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 3
OPERATING FREQUENCY:	5,775,000,000 Hz
CHANNEL:	155
REFERENCE VOLTAGE:	3.85 VDC

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100%	12.0	+20(Ref)	5775028.37	28.37
100%		-30	5775042.97	42.97
100%		-20	5775011.70	11.70
100%		-10	5775014.48	14.48
100%		0	5775025.18	25.18
100%		10	5775016.65	16.65
100%		30	5775036.31	36.31
100%		40	5775013.28	13.28
100%		50	5775034.39	34.39
Max.	9.0	20	5775014.68	14.68
Min.	16.0	20	5775033.77	33.77

Note:

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

10.7 STRADDLE CHANNEL

10.7.1 26dB Bandwidth

[Ant1]

Mode	Frequency [MHz]	Channel No.	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11a	5720 (UNII 2C Band)	144	5708.92	16.08
802.11n(HT20)			5708.84	16.16
802.11ac(VHT20)			5709.04	15.96
802.11a	5720 (UNII 3 Band)	144	5730.72	5.72
802.11n(HT20)			5731.04	6.04
802.11ac(VHT20)			5732.12	7.12

Mode	Frequency [MHz]	Channel No.	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11n(HT40)	5710 (UNII 2C Band)	142	5687.92	37.08
802.11ac(VHT40)			5690.00	35.00
802.11n(HT40)	5710 (UNII 3 Band)	142	5737.12	12.12
802.11ac(VHT40)			5730.00	5.00

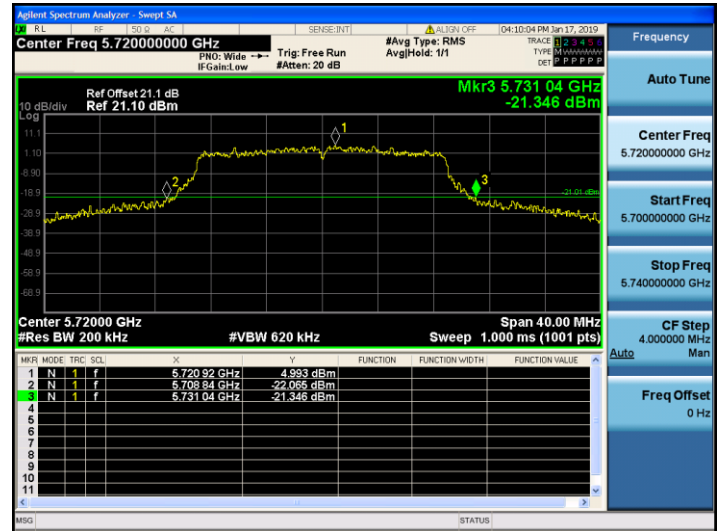
Mode	Frequency [MHz]	Channel No.	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11ac(VHT80)	5690 (UNII 2C Band)	138	5633.52	91.48
	5690 (UNII 3 Band)	138	5745.84	20.84

■ Test Plots (26dB Bandwidth)

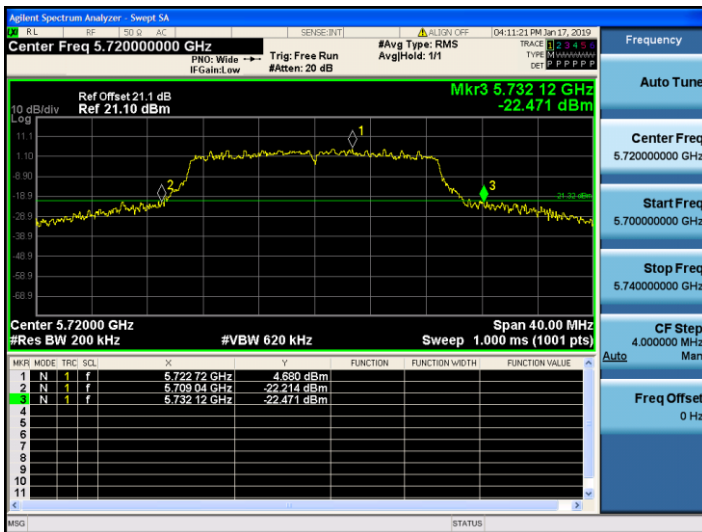
802.11a UNII Band



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]

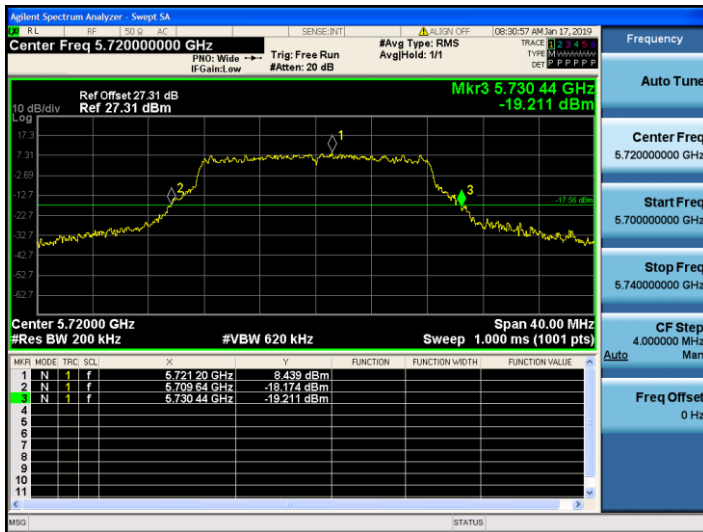
Mode	Frequency [MHz]	Channel No.	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11a	5720 (UNII 2C Band)	144	5709.64	15.36
802.11n(HT20)			5709.24	15.76
802.11ac(VHT20)			5709.40	15.60
802.11a	5720 (UNII 3 Band)	144	5730.44	5.44
802.11n(HT20)			5730.48	5.48
802.11ac(VHT20)			5730.60	5.60

Mode	Frequency [MHz]	Channel No.	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11n(HT40)	5710 (UNII 2C Band)	142	5690.24	34.76
802.11ac(VHT40)			5690.40	34.60
802.11n(HT40)	5710 (UNII 3 Band)	142	5729.68	4.68
802.11ac(VHT40)			5729.52	4.52

Mode	Frequency [MHz]	Channel No.	Measured Frequency [MHz]	26dB Bandwidth [MHz]
802.11ac(VHT80)	5690 (UNII 2C Band)	138	5649.52	75.48
	5690 (UNII 3 Band)	138	5730.80	5.80

■ Test Plots (26dB Bandwidth)

802.11a UNII Band



802.11n(HT20) UNII Band

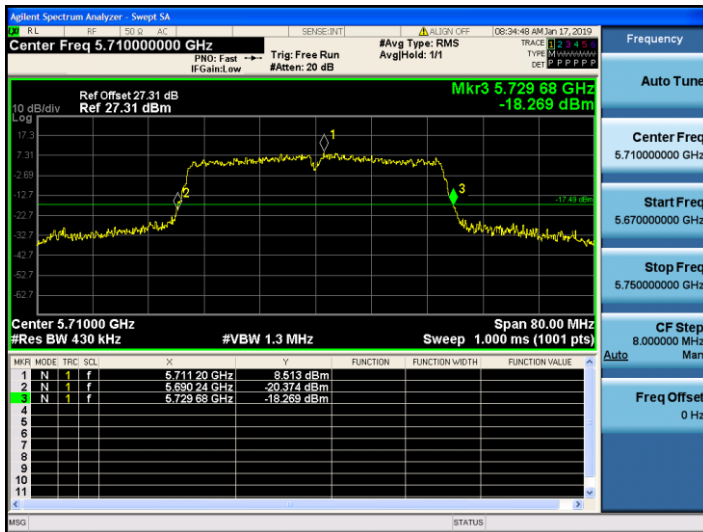


802.11ac(VHT20) UNII Band



Test Plots (26dB Bandwidth)

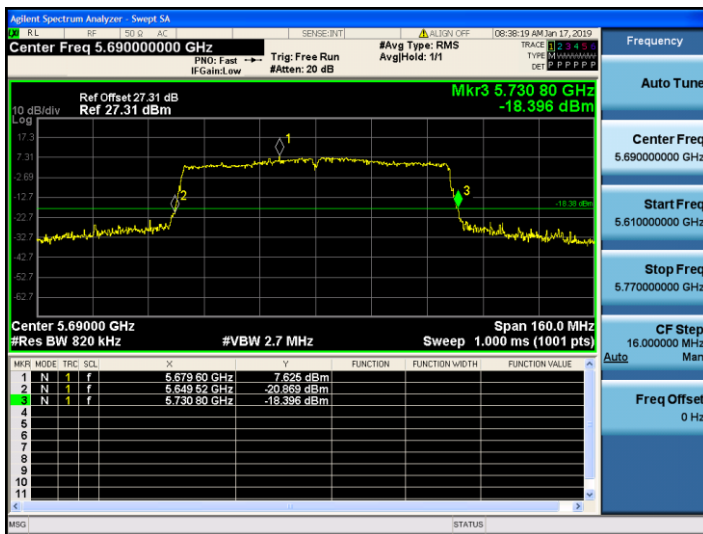
802.11n(HT40) UNII Band



802.11ac(VHT40) UNII Band



802.11ac(VHT80) UNII Band



10.7.2 6dB Bandwidth

[Ant1]

Mode	Frequency [MHz]	Channel No.	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11a	5720	144	5728.20	3.200	> 0.5
802.11n(HT20)	(UNII 3		5728.84	3.840	> 0.5
802.11ac(VHT20)	Band)		5728.88	3.880	> 0.5

Mode	Frequency [MHz]	Channel No.	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11n(HT40)	5710	142	5727.92	2.920	> 0.5
802.11ac(VHT40)	(UNII 3 Band)		5727.68	2.680	> 0.5

Mode	Frequency [MHz]	Channel No.	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11ac(VHT80)	5690 (UNII 3 Band)	138	5727.60	2.600	> 0.5

Test Plots(UNII 3 Band 6dB Bandwidth)

802.11a CH.144



802.11n_HT20 CH.144



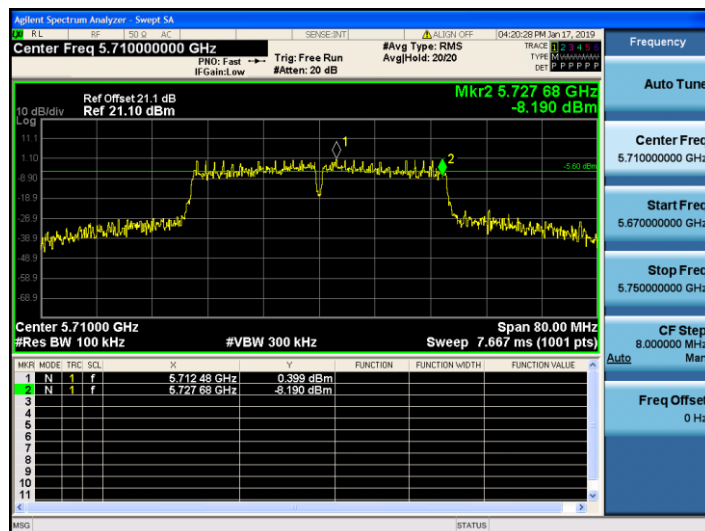
802.11ac_VHT20 CH.144



802.11n HT40 CH.142



802.11ac VHT40 CH.142



802.11ac VHT80 CH.138



[Ant2]

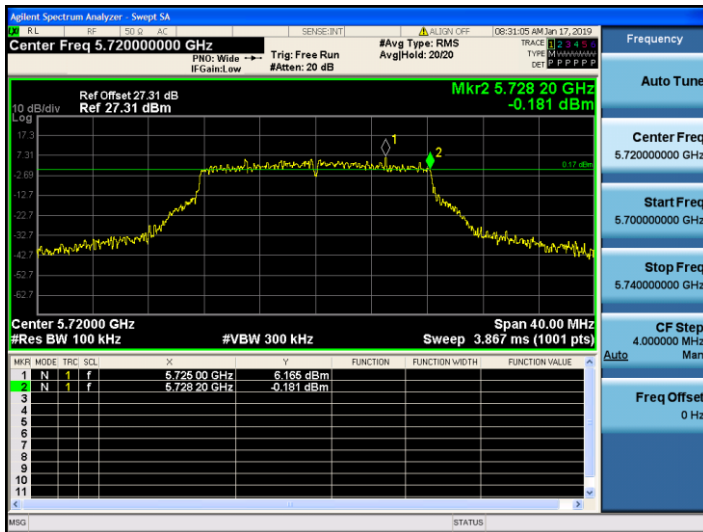
Mode	Frequency [MHz]	Channel No.	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11a	5720	144	5728.20	3.20	> 0.5
802.11n(HT20)	(UNII 3		5728.80	3.80	> 0.5
802.11ac(VHT20)	Band)		5728.84	3.84	> 0.5

Mode	Frequency [MHz]	Channel No.	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11n(HT40)	5710	142	5728.24	3.24	> 0.5
802.11ac(VHT40)	(UNII 3 Band)		5728.24	3.24	> 0.5

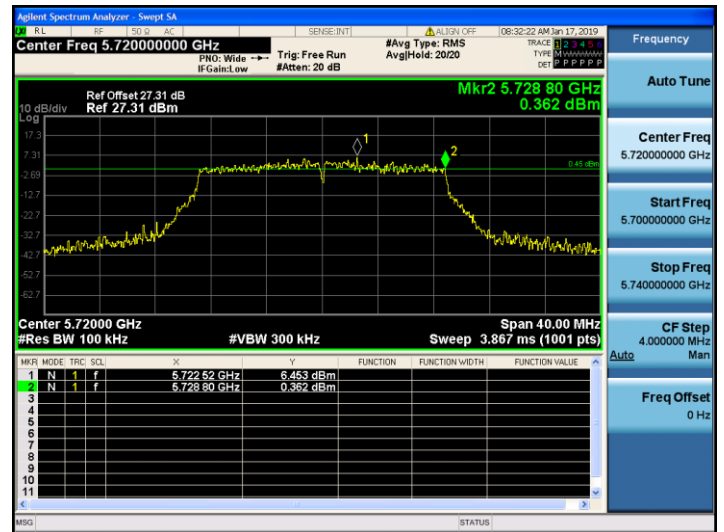
Mode	Frequency [MHz]	Channel No.	Measured Frequency [MHz]	6dB Bandwidth [MHz]	Limit [MHz]
802.11ac(VHT80)	5690 (UNII 3 Band)	138	5728.08	3.08	> 0.5

■ Test Plots(UNII 3 Band 6dB Bandwidth)

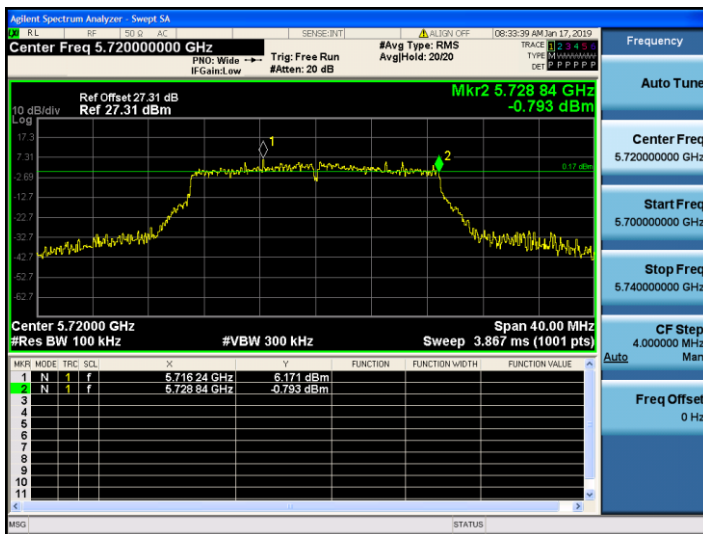
802.11a CH.144



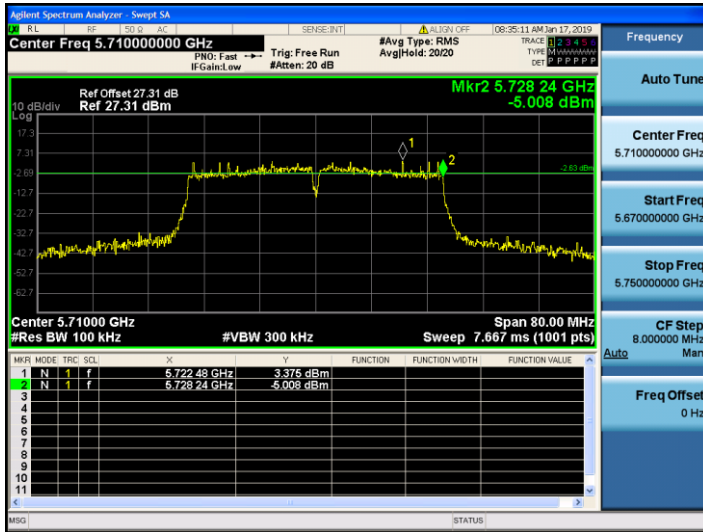
802.11n_HT20 CH.144



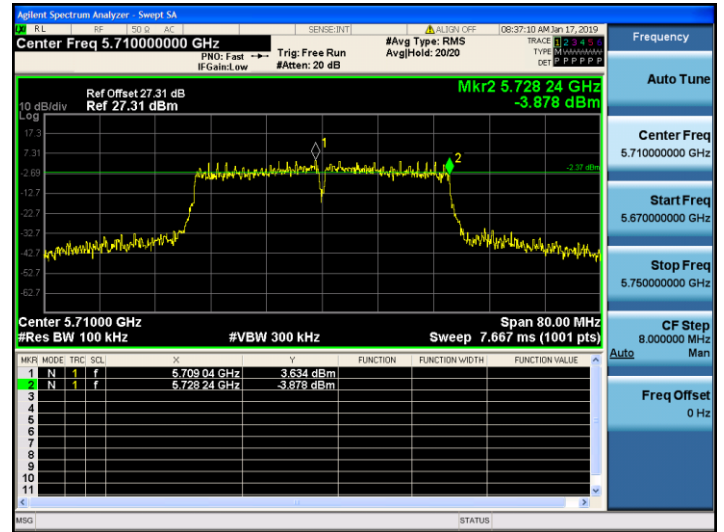
802.11ac_VHT20 CH.144



802.11n_HT40 CH.142



802.11ac_VHT40 CH.142



802.11ac_VHT80 CH.138



10.7.3 Output Power

[Ant1]

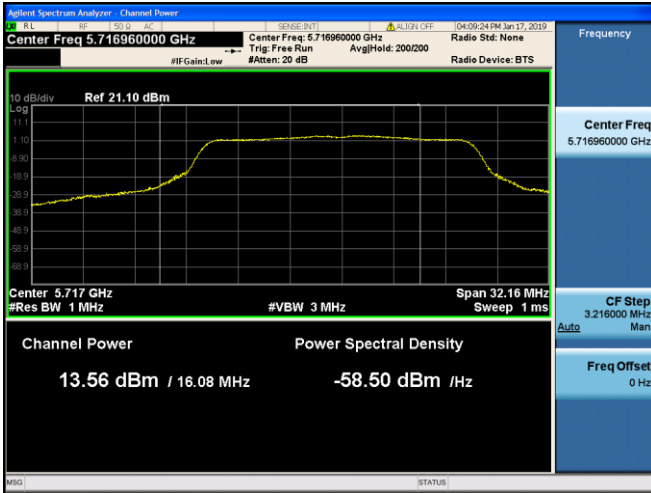
Mode	Frequency [MHz]	Channel	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
802.11a	5720 (UNII 2C Band)	144	13.56	0.553	14.12	23.06
802.11n(HT20)			13.27	0.817	14.09	23.08
802.11ac(VHT20)			13.25	0.818	14.06	23.03
802.11a	5720 (UNII 3 Band)	144	6.41	0.553	6.96	30.00
802.11n(HT20)			6.53	0.817	7.35	30.00
802.11ac(VHT20)			6.60	0.818	7.41	30.00

Mode	Frequency [MHz]	Channel	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
802.11n(HT40)	5710 (UNII 2C Band)	142	13.07	1.066	14.14	23.98
802.11ac(VHT40)			11.64	2.662	14.30	23.98
802.11n(HT40)	5710 (UNII 3 Band)	142	1.54	1.066	2.60	30.00
802.11ac(VHT40)			0.30	2.662	2.96	30.00

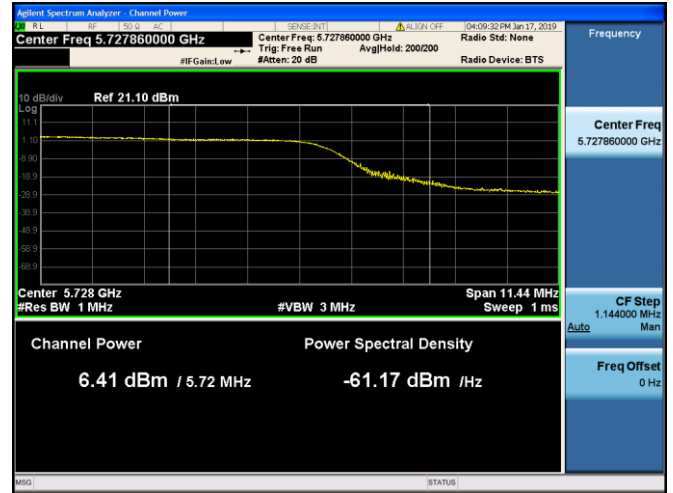
Mode	Frequency [MHz]	Channel	Measured Power (dBm)	Duty Cycle Factor (dB)	Measured Power(dBm) + Duty Cycle Factor(dB)	Limit (dBm)
802.11ac(VHT80)	5690 (UNII 2C Band)	138	12.42	1.116	13.53	23.98
	5690 (UNII 3 Band)	138	-1.82	1.116	-0.70	30.00

■ Test Plots

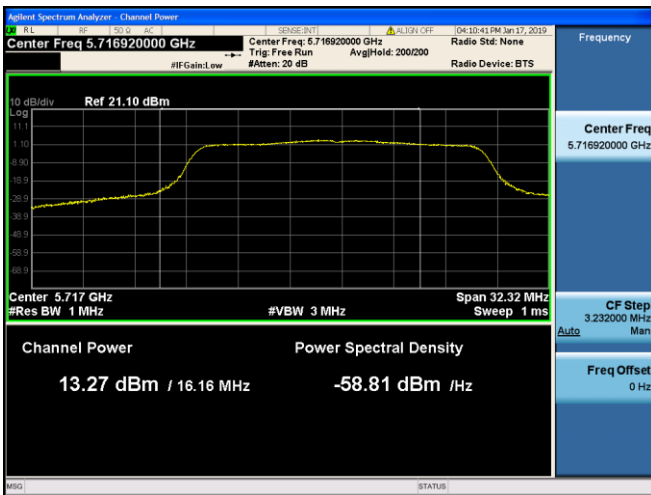
802.11a UNII 2C Band



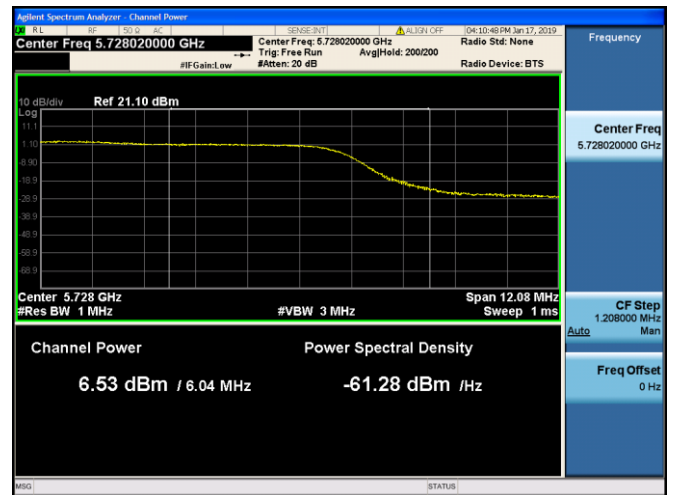
802.11a UNII 3 Band



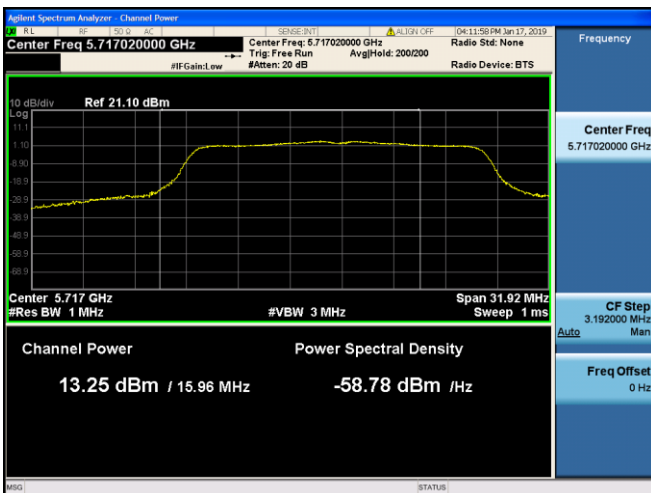
802.11n(HT20) UNII 2C Band



802.11n(HT20) UNII 3 Band



802.11ac(VHT20) UNII 2C Band



802.11ac(VHT20) UNII 3 Band

