

Report No.: HCT-RF-1901-FI003

Band : UNII 2A

Operation Mode: 802.11 n(HT20)

Transfer MCS Index: MCS0

Operating Frequency 5260 MHz

Channel No. 52 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	45.82	8.33	V	54.15	68.20	14.05	PK
15780	42.92	12.21	V	55.13	73.98	18.85	PK
15780	29.30	12.21	V	41.51	53.98	12.47	AV
10520	45.40	8.33	H	53.73	68.20	14.47	PK
15780	42.17	12.21	H	54.38	73.98	19.60	PK
15780	29.15	12.21	H	41.36	53.98	12.62	AV

Band : UNII 2A

Operation Mode: 802.11 n(HT20)

Transfer MCS Index: MCS0

Operating Frequency 5300 MHz

Channel No. 60 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	44.69	8.85	V	53.54	73.98	20.44	PK
10600	30.90	8.85	V	39.75	53.98	14.23	AV
15900	43.84	11.90	V	55.74	73.98	18.24	PK
15900	30.08	11.90	V	41.98	53.98	12.00	AV
10600	43.61	8.85	H	52.46	73.98	21.52	PK
10600	30.56	8.85	H	39.41	53.98	14.57	AV
15900	42.76	11.90	H	54.66	73.98	19.32	PK
15900	29.85	11.90	H	41.75	53.98	12.23	AV

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

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	43.17	9.25	V	52.42	73.98	21.56	PK
10640	29.65	9.25	V	38.90	53.98	15.08	AV
15960	43.76	10.55	V	54.31	73.98	19.67	PK
15960	30.13	10.55	V	40.68	53.98	13.30	AV
10640	42.19	9.25	H	51.44	73.98	22.54	PK
10640	29.52	9.25	H	38.77	53.98	15.21	AV
15960	42.66	10.55	H	53.21	73.98	20.77	PK
15960	30.05	10.55	H	40.60	53.98	13.38	AV

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Band : UNII 2A

Operation Mode: 802.11 ac(VHT20)

Transfer MCS Index: MCS0

Operating Frequency 5260MHz

Channel No. 52 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10520	45.68	8.33	V	54.01	68.20	14.19	PK
15780	44.02	12.21	V	56.23	73.98	17.75	PK
15780	29.40	12.21	V	41.61	53.98	12.37	AV
10520	44.74	8.33	H	53.07	68.20	15.13	PK
15780	43.75	12.21	H	55.96	73.98	18.02	PK
15780	28.46	12.21	H	40.67	53.98	13.31	AV

Band : UNII 2A

Operation Mode: 802.11 ac(VHT20)

Transfer MCS Index: MCS0

Operating Frequency 5300 MHz

Channel No. 60 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10600	44.40	8.85	V	53.25	73.98	20.73	PK
10600	30.40	8.85	V	39.25	53.98	14.73	AV
15900	44.07	11.90	V	55.97	73.98	18.01	PK
15900	30.07	11.90	V	41.97	53.98	12.01	AV
10600	43.78	8.85	H	52.63	73.98	21.35	PK
10600	30.24	8.85	H	39.09	53.98	14.89	AV
15900	43.69	11.90	H	55.59	73.98	18.39	PK
15900	30.01	11.90	H	41.91	53.98	12.07	AV

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

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10640	43.30	9.25	V	52.55	73.98	21.43	PK
10640	29.71	9.25	V	38.96	53.98	15.02	AV
15960	43.38	10.55	V	53.93	73.98	20.05	PK
15960	30.07	10.55	V	40.62	53.98	13.36	AV
10640	42.28	9.25	H	51.53	73.98	22.45	PK
10640	29.54	9.25	H	38.79	53.98	15.19	AV
15960	42.93	10.55	H	53.48	73.98	20.50	PK
15960	29.95	10.55	H	40.50	53.98	13.48	AV

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Band : UNII 2A

Operation Mode: 802.11 n(HT40)

Transfer MCS Index: 0

Operating Frequency 5270 MHz

Channel No. 54 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10540	43.98	8.71	V	52.69	68.20	15.51	PK
15810	42.72	11.51	V	54.23	73.98	19.75	PK
15810	30.01	11.51	V	41.52	53.98	12.46	AV
10540	43.27	8.71	H	51.98	68.20	16.22	PK
15810	42.28	11.51	H	53.79	73.98	20.19	PK
15810	29.51	11.51	H	41.02	53.98	12.96	AV

Band : UNII 2A

Operation Mode: 802.11 n(HT40)

Transfer MCS Index: 0

Operating Frequency 5310 MHz

Channel No. 62 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10620	43.80	8.62	V	52.42	73.98	21.56	PK
10620	30.94	8.62	V	39.56	53.98	14.42	AV
15930	43.82	10.63	V	54.45	73.98	19.53	PK
15930	30.87	10.63	V	41.50	53.98	12.48	AV
10620	43.01	8.62	H	51.63	73.98	22.35	PK
10620	30.57	8.62	H	39.19	53.98	14.79	AV
15930	43.64	10.63	H	54.27	73.98	19.71	PK
15930	30.54	10.63	H	41.17	53.98	12.81	AV

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Band : UNII 2A

Operation Mode: 802.11 ac(VHT40)

Transfer MCS Index: 0

Operating Frequency 5270 MHz

Channel No. 54 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10540	43.92	8.71	V	52.63	68.20	15.57	PK
15810	42.93	11.51	V	54.44	73.98	19.54	PK
15810	30.05	11.51	V	41.56	53.98	12.42	AV
10540	42.63	8.71	H	51.34	68.20	16.86	PK
15810	42.40	11.51	H	53.91	73.98	20.07	PK
15810	29.71	11.51	H	41.22	53.98	12.76	AV

Band : UNII 2A

Operation Mode: 802.11 ac(VHT40)

Transfer MCS Index: 0

Operating Frequency 5310 MHz

Channel No. 62 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10620	43.51	8.62	V	52.13	73.98	21.85	PK
10620	30.93	8.62	V	39.55	53.98	14.43	AV
15930	43.47	10.63	V	54.10	73.98	19.88	PK
15930	31.24	10.63	V	41.87	53.98	12.11	AV
10620	43.04	8.62	H	51.66	73.98	22.32	PK
10620	30.68	8.62	H	39.30	53.98	14.68	AV
15930	43.24	10.63	H	53.87	73.98	20.11	PK
15930	30.98	10.63	H	41.61	53.98	12.37	AV

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Band :	UNII 2A
Operation Mode:	802.11 ac(VHT80)
Transfer MCS Index:	0
Operating Frequency	5290 MHz
Channel No.	58 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
10580	43.91	8.83	V	52.74	68.20	15.46	PK
15870	43.75	11.15	V	54.90	73.98	19.08	PK
15870	31.75	11.15	V	42.90	53.98	11.08	AV
10580	43.76	8.83	H	52.59	68.20	15.61	PK
15870	42.79	11.15	H	53.94	73.98	20.04	PK
15870	31.13	11.15	H	42.28	53.98	11.70	AV

Report No.: HCT-RF-1901-FI003

Band : UNII 2C

Operation Mode: 802.11 a

Transfer Rate: 6 Mbps

Operating Frequency 5500 MHz

Channel No. 100 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	48.27	10.23	V	58.50	73.98	15.48	PK
11000	34.01	10.23	V	44.24	53.98	9.74	AV
16500	44.00	11.62	V	55.62	68.20	12.58	PK
11000	47.55	10.23	H	57.78	73.98	16.20	PK
11000	33.76	10.23	H	43.99	53.98	9.99	AV
16500	43.58	11.62	H	55.20	68.20	13.00	PK

Band : UNII 2C

Operation Mode: 802.11 a

Transfer Rate: 6 Mbps

Operating Frequency 5580 MHz

Channel No. 116 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	48.19	10.09	V	58.28	73.98	15.70	PK
11160	33.48	10.09	V	43.57	53.98	10.41	AV
16740	44.90	11.27	V	56.17	68.20	12.03	PK
11160	46.92	10.09	H	57.01	73.98	16.97	PK
11160	33.23	10.09	H	43.32	53.98	10.66	AV
16740	44.09	11.27	H	55.36	68.20	12.84	PK

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

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11440	43.22	9.39	V	52.61	73.98	21.37	PK
11440	32.06	9.39	V	41.45	53.98	12.53	AV
17160	44.39	12.91	V	57.30	68.20	10.90	PK
11440	42.88	9.39	H	52.27	73.98	21.71	PK
11440	31.44	9.39	H	40.83	53.98	13.15	AV
17160	43.80	12.91	H	56.71	68.20	11.49	PK

Report No.: HCT-RF-1901-FI003

Band : UNII 2C

Operation Mode: 802.11 n(HT20)

Transfer MCS Index: MCS0

Operating Frequency 5500 MHz

Channel No. 100 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	45.62	10.23	V	55.85	73.98	18.13	PK
11000	31.32	10.23	V	41.55	53.98	12.43	AV
16500	44.08	11.62	V	55.70	68.20	12.50	PK
11000	45.02	10.23	H	55.25	73.98	18.73	PK
11000	30.05	10.23	H	40.28	53.98	13.70	AV
16500	43.68	11.62	H	55.30	68.20	12.90	PK

Band : UNII 2C

Operation Mode: 802.11 n(HT20)

Transfer MCS Index: MCS0

Operating Frequency 5580 MHz

Channel No. 116 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	47.72	10.09	V	57.81	73.98	16.17	PK
11160	33.34	10.09	V	43.43	53.98	10.55	AV
16740	45.16	11.27	V	56.43	68.20	11.77	PK
11160	46.70	10.09	H	56.79	73.98	17.19	PK
11160	32.18	10.09	H	42.27	53.98	11.71	AV
16740	44.36	11.27	H	55.63	68.20	12.57	PK

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

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11440	43.09	9.39	V	52.48	73.98	21.50	PK
11440	30.01	9.39	V	39.40	53.98	14.58	AV
17160	44.68	12.91	V	57.59	68.20	10.61	PK
11440	42.39	9.39	H	51.78	73.98	22.20	PK
11440	29.93	9.39	H	39.32	53.98	14.66	AV
17160	44.09	12.91	H	57.00	68.20	11.20	PK

Report No.: HCT-RF-1901-FI003

Band : UNII 2C

Operation Mode: 802.11 ac(VHT20)

Transfer MCS Index: MCS0

Operating Frequency 5500 MHz

Channel No. 100 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11000	48.17	10.23	V	58.40	73.98	15.58	PK
11000	33.38	10.23	V	43.61	53.98	10.37	AV
16500	44.20	11.62	V	55.82	68.20	12.38	PK
11000	47.07	10.23	H	57.30	73.98	16.68	PK
11000	32.28	10.23	H	42.51	53.98	11.47	AV
16500	43.75	11.62	H	55.37	68.20	12.83	PK

Band : UNII 2C

Operation Mode: 802.11 ac(VHT20)

Transfer MCS Index: MCS0

Operating Frequency 5580 MHz

Channel No. 116 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11160	48.54	10.09	V	58.63	73.98	15.35	PK
11160	33.47	10.09	V	43.56	53.98	10.42	AV
16740	44.78	11.27	V	56.05	68.20	12.15	PK
11160	46.93	10.09	H	57.02	73.98	16.96	PK
11160	33.23	10.09	H	43.32	53.98	10.66	AV
16740	44.46	11.27	H	55.73	68.20	12.47	PK

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

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11440	43.37	9.39	V	52.76	73.98	21.22	PK
11440	29.89	9.39	V	39.28	53.98	14.70	AV
17160	44.34	12.91	V	57.25	68.20	10.95	PK
11440	42.84	9.39	H	52.23	73.98	21.75	PK
11440	29.72	9.39	H	39.11	53.98	14.87	AV
17160	44.27	12.91	H	57.18	68.20	11.02	PK

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Band : UNII 2C

Operation Mode: 802.11 n(HT40)

Transfer MCS Index: 0

Operating Frequency 5510 MHz

Channel No. 102 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11020	43.63	9.89	V	53.52	73.98	20.46	PK
11020	30.76	9.89	V	40.65	53.98	13.33	AV
16530	44.61	11.59	V	56.20	68.20	12.00	PK
11020	43.55	9.89	H	53.44	73.98	20.54	PK
11020	30.61	9.89	H	40.50	53.98	13.48	AV
16530	43.52	11.59	H	55.11	68.20	13.09	PK

Band : UNII 2C

Operation Mode: 802.11 n(HT40)

Transfer MCS Index: 0

Operating Frequency 5590 MHz

Channel No. 118 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11180	41.81	9.67	V	51.48	73.98	22.50	PK
11180	29.08	9.67	V	38.75	53.98	15.23	AV
16770	45.59	11.53	V	57.12	68.20	11.08	PK
11180	41.60	9.67	H	51.27	73.98	22.71	PK
11180	29.03	9.67	H	38.70	53.98	15.28	AV
16770	44.13	11.53	H	55.66	68.20	12.54	PK

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Band :	UNII 2C
Operation Mode:	802.11 n(HT40)
Transfer MCS Index:	0
Operating Frequency	5710 MHz
Channel No.	142 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11420	42.68	9.18	V	51.86	73.98	22.12	PK
11420	30.16	9.18	V	39.34	53.98	14.64	AV
17130	44.14	13.20	V	57.34	68.20	10.86	PK
11420	42.66	9.18	H	51.84	73.98	22.14	PK
11420	30.05	9.18	H	39.23	53.98	14.75	AV
17130	43.67	13.20	H	56.87	68.20	11.33	PK

Report No.: HCT-RF-1901-FI003

Band : UNII 2C

Operation Mode: 802.11 ac(VHT40)

Transfer MCS Index: 0

Operating Frequency 5510 MHz

Channel No. 102 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11020	42.89	9.89	V	52.78	73.98	21.20	PK
11020	30.36	9.89	V	40.25	53.98	13.73	AV
16530	45.39	11.59	V	56.98	68.20	11.22	PK
11020	42.40	9.89	H	52.29	73.98	21.69	PK
11020	30.25	9.89	H	40.14	53.98	13.84	AV
16530	44.71	11.59	H	56.30	68.20	11.90	PK

Band : UNII 2C

Operation Mode: 802.11 ac(VHT40)

Transfer MCS Index: 0

Operating Frequency 5590 MHz

Channel No. 118 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11180	44.58	9.67	V	54.25	73.98	19.73	PK
11180	31.27	9.67	V	40.94	53.98	13.04	AV
16770	45.71	11.53	V	57.24	68.20	10.96	PK
11180	44.27	9.67	H	53.94	73.98	20.04	PK
11180	31.11	9.67	H	40.78	53.98	13.20	AV
16770	44.68	11.53	H	56.21	68.20	11.99	PK

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Band : UNII 2C
 Operation Mode: 802.11 ac(VHT40)
 Transfer MCS Index: 0
 Operating Frequency 5710 MHz
 Channel No. 142 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11420	43.14	9.18	V	52.32	73.98	21.66	PK
11420	30.37	9.18	V	39.55	53.98	14.43	AV
17130	43.92	13.20	V	57.12	68.20	11.08	PK
11420	42.89	9.18	H	52.07	73.98	21.91	PK
11420	30.05	9.18	H	39.23	53.98	14.75	AV
17130	43.81	13.20	H	57.01	68.20	11.19	PK

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Band : UNII 2C

Operation Mode: 802.11 ac(VHT80)

Transfer MCS Index: 0

Operating Frequency 5530 MHz

Channel No. 106 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11060	43.27	9.83	V	53.10	73.98	20.88	PK
11060	30.84	9.83	V	40.67	53.98	13.31	AV
16590	44.79	11.80	V	56.59	68.20	11.61	PK
11060	42.27	9.83	H	52.10	73.98	21.88	PK
11060	30.45	9.83	H	40.28	53.98	13.70	AV
16590	43.99	11.80	H	55.79	68.20	12.41	PK

Band : UNII 2C

Operation Mode: 802.11 ac(VHT80)

Transfer MCS Index: 0

Operating Frequency 5690 MHz

Channel No. 138 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11380	43.17	9.91	V	53.08	73.98	20.90	PK
11380	31.71	9.91	V	41.62	53.98	12.36	AV
17070	44.62	12.72	V	57.34	68.20	10.86	PK
11380	42.52	9.91	H	52.43	73.98	21.55	PK
11380	30.85	9.91	H	40.76	53.98	13.22	AV
17070	43.93	12.72	H	56.65	68.20	11.55	PK

Report No.: HCT-RF-1901-FI003

Band : UNII 3

Operation Mode: 802.11 a

Transfer Rate: 6 Mbps

Operating Frequency 5745MHz

Channel No. 149 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	41.52	9.31	V	50.83	73.98	23.15	PK
11490	29.27	9.31	V	38.58	53.98	15.40	AV
17235	44.10	14.49	V	58.59	68.20	9.61	PK
11490	42.31	9.31	H	51.62	73.98	22.36	PK
11490	29.33	9.31	H	38.64	53.98	15.34	AV
17235	44.49	14.49	H	58.98	68.20	9.22	PK

Band : UNII 3

Operation Mode: 802.11 a

Transfer Rate: 6 Mbps

Operating Frequency 5785 MHz

Channel No. 157 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	41.94	9.38	V	51.32	73.98	22.66	PK
11570	28.65	9.38	V	38.03	53.98	15.95	AV
17355	44.57	15.74	V	60.31	68.20	7.89	PK
11570	42.25	9.38	H	51.63	73.98	22.35	PK
11570	29.41	9.38	H	38.79	53.98	15.19	AV
17355	45.61	15.74	H	61.35	68.20	6.85	PK

Report No.: HCT-RF-1901-FI003

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

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	44.37	8.33	V	52.70	73.98	21.28	PK
11650	31.33	8.33	V	39.66	53.98	14.32	AV
17475	44.52	16.79	V	61.31	68.20	6.89	PK
11650	45.49	8.33	H	53.82	73.98	20.16	PK
11650	31.46	8.33	H	39.79	53.98	14.19	AV
17475	45.37	16.79	H	62.16	68.20	6.04	PK

Report No.: HCT-RF-1901-FI003

Band : UNII 3

Operation Mode: 802.11 n(HT20)

Transfer MCS Index: MCS0

Operating Frequency 5745MHz

Channel No. 149 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	41.38	9.31	V	50.69	73.98	23.29	PK
11490	28.75	9.31	V	38.06	53.98	15.92	AV
17235	43.52	14.49	V	58.01	68.20	10.19	PK
11490	42.23	9.31	H	51.54	73.98	22.44	PK
11490	28.91	9.31	H	38.22	53.98	15.76	AV
17235	44.62	14.49	H	59.11	68.20	9.09	PK

Band : UNII 3

Operation Mode: 802.11 n(HT20)

Transfer MCS Index: MCS0

Operating Frequency 5785 MHz

Channel No. 157 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	42.22	9.38	V	51.60	73.98	22.38	PK
11570	28.76	9.38	V	38.14	53.98	15.84	AV
17355	44.16	15.74	V	59.90	68.20	8.30	PK
11570	42.27	9.38	H	51.65	73.98	22.33	PK
11570	28.92	9.38	H	38.30	53.98	15.68	AV
17355	44.98	15.74	H	60.72	68.20	7.48	PK

Report No.: HCT-RF-1901-FI003

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

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	44.96	8.33	V	53.29	73.98	20.69	PK
11650	31.15	8.33	V	39.48	53.98	14.50	AV
17475	44.54	16.79	V	61.33	68.20	6.87	PK
11650	45.81	8.33	H	54.14	73.98	19.84	PK
11650	31.29	8.33	H	39.62	53.98	14.36	AV
17475	44.76	16.79	H	61.55	68.20	6.65	PK

Report No.: HCT-RF-1901-FI003

Band : UNII 3

Operation Mode: 802.11 ac(VHT20)

Transfer MCS Index: MCS0

Operating Frequency 5745MHz

Channel No. 149 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11490	43.02	9.31	V	52.33	73.98	21.65	PK
11490	28.13	9.31	V	37.44	53.98	16.54	AV
17235	43.26	14.49	V	57.75	68.20	10.45	PK
11490	44.11	9.31	H	53.42	73.98	20.56	PK
11490	28.96	9.31	H	38.27	53.98	15.71	AV
17235	44.93	14.49	H	59.42	68.20	8.78	PK

Band : UNII 3

Operation Mode: 802.11 ac(VHT20)

Transfer MCS Index: MCS0

Operating Frequency 5785 MHz

Channel No. 157 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11570	41.88	9.38	V	51.26	73.98	22.72	PK
11570	28.42	9.38	V	37.80	53.98	16.18	AV
17355	44.85	15.74	V	60.59	68.20	7.61	PK
11570	42.82	9.38	H	52.20	73.98	21.78	PK
11570	28.99	9.38	H	38.37	53.98	15.61	AV
17355	45.27	15.74	H	61.01	68.20	7.19	PK

Report No.: HCT-RF-1901-FI003

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

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11650	45.44	8.33	V	53.77	73.98	20.21	PK
11650	31.09	8.33	V	39.42	53.98	14.56	AV
17475	44.18	16.79	V	60.97	68.20	7.23	PK
11650	47.15	8.33	H	55.48	73.98	18.50	PK
11650	31.19	8.33	H	39.52	53.98	14.46	AV
17475	45.28	16.79	H	62.07	68.20	6.13	PK

Report No.: HCT-RF-1901-FI003

Band : UNII 3

Operation Mode: 802.11 n(HT40)

Transfer MCS Index: 0

Operating Frequency 5755 MHz

Channel No. 151 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11510	41.78	9.19	V	50.97	73.98	23.01	PK
11510	29.11	9.19	V	38.30	53.98	15.68	AV
17265	43.42	14.32	V	57.74	68.20	10.46	PK
11510	42.36	9.19	H	51.55	73.98	22.43	PK
11510	29.29	9.19	H	38.48	53.98	15.50	AV
17265	43.96	14.32	H	58.28	68.20	9.92	PK

Band : UNII 3

Operation Mode: 802.11 n(HT40)

Transfer MCS Index: 0

Operating Frequency 5795 MHz

Channel No. 159 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11590	42.56	9.46	V	52.02	73.98	21.96	PK
11590	29.65	9.46	V	39.11	53.98	14.87	AV
17385	44.71	15.37	V	60.08	68.20	8.12	PK
11590	43.85	9.46	H	53.31	73.98	20.67	PK
11590	29.76	9.46	H	39.22	53.98	14.76	AV
17385	45.04	15.37	H	60.41	68.20	7.79	PK

Report No.: HCT-RF-1901-FI003

Band : UNII 3

Operation Mode: 802.11 ac(VHT40)

Transfer MCS Index: 0

Operating Frequency 5755 MHz

Channel No. 151 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11510	42.19	9.19	V	51.38	73.98	22.60	PK
11510	29.71	9.19	V	38.90	53.98	15.08	AV
17265	42.88	14.32	V	57.20	68.20	11.00	PK
11510	42.86	9.19	H	52.05	73.98	21.93	PK
11510	30.09	9.19	H	39.28	53.98	14.70	AV
17265	43.98	14.32	H	58.30	68.20	9.90	PK

Band : UNII 3

Operation Mode: 802.11 ac(VHT40)

Transfer MCS Index: 0

Operating Frequency 5795 MHz

Channel No. 159 Ch

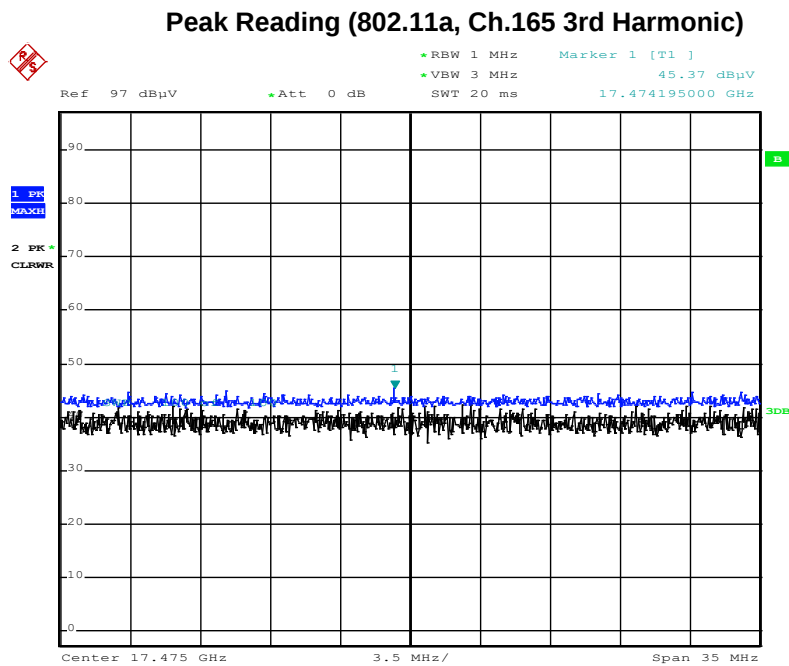
Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11590	43.88	9.46	V	53.34	73.98	20.64	PK
11590	30.32	9.46	V	39.78	53.98	14.20	AV
17385	43.62	15.37	V	58.99	68.20	9.21	PK
11590	44.12	9.46	H	53.58	73.98	20.40	PK
11590	30.58	9.46	H	40.04	53.98	13.94	AV
17385	44.39	15.37	H	59.76	68.20	8.44	PK

Report No.: HCT-RF-1901-FI003

Band :	UNII 3
Operation Mode:	802.11 ac(VHT80)
Transfer MCS Index:	0
Operating Frequency	5775 MHz
Channel No.	155 Ch

Frequency [MHz]	Reading [dBuV]	A.F.+C.L.-A.G+D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
11550	42.31	8.90	V	51.21	73.98	22.77	PK
11550	30.02	8.90	V	38.92	53.98	15.06	AV
17325	44.04	15.33	V	59.37	68.20	8.83	PK
11550	42.78	8.90	H	51.68	73.98	22.30	PK
11550	30.88	8.90	H	39.78	53.98	14.20	AV
17325	44.06	15.33	H	59.39	68.20	8.81	PK

■ Test Plots



Date: 14.JAN.2019 14:02:47

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

10.9 RADIATED RESTRICTED BAND EDGE

[ANT1]

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	53.15	5.75	H	58.90	73.98	15.08	PK
5150	40.92	5.75	H	46.67	53.98	7.31	AV
5150	54.30	5.75	V	60.05	73.98	13.93	PK
5150	41.31	5.75	V	47.06	53.98	6.92	AV

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	52.49	5.75	H	58.24	73.98	15.74	PK
5150	41.12	5.75	H	46.87	53.98	7.11	AV
5150	52.98	5.75	V	58.73	73.98	15.25	PK
5150	41.36	5.75	V	47.11	53.98	6.87	AV

Report No.: HCT-RF-1901-FI003

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	52.39	5.75	H	58.14	73.98	15.84	PK
5150	40.17	5.75	H	45.92	53.98	8.06	AV
5150	53.97	5.75	V	59.72	73.98	14.26	PK
5150	41.30	5.75	V	47.05	53.98	6.93	AV

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	53.75	5.75	H	59.50	73.98	14.48	PK
5150	40.67	5.75	H	46.42	53.98	7.56	AV
5150	54.12	5.75	V	59.87	73.98	14.11	PK
5150	41.18	5.75	V	46.93	53.98	7.05	AV

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	52.86	5.75	H	58.61	73.98	15.37	PK
5150	41.21	5.75	H	46.96	53.98	7.02	AV
5150	53.44	5.75	V	59.19	73.98	14.79	PK
5150	41.32	5.75	V	47.07	53.98	6.91	AV

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	52.78	5.75	H	58.53	73.98	15.45	PK
5150	42.52	5.75	H	48.27	53.98	5.71	AV
5150	53.17	5.75	V	58.92	73.98	15.06	PK
5150	43.09	5.75	V	48.84	53.98	5.14	AV

Report No.: HCT-RF-1901-FI003

Band :	UNII 2A
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	55.21	6.66	H	61.87	73.98	12.11	PK
5350	41.52	6.66	H	48.18	53.98	5.80	AV
5350	55.75	6.66	V	62.41	73.98	11.57	PK
5350	41.58	6.66	V	48.24	53.98	5.74	AV

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	55.28	6.66	H	61.94	73.98	12.04	PK
5350	41.57	6.66	H	48.23	53.98	5.75	AV
5350	56.52	6.66	V	63.18	73.98	10.80	PK
5350	41.63	6.66	V	48.29	53.98	5.69	AV

Report No.: HCT-RF-1901-FI003

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	54.86	6.66	H	61.52	73.98	12.46	PK
5350	41.49	6.66	H	48.15	53.98	5.83	AV
5350	55.20	6.66	V	61.86	73.98	12.12	PK
5350	41.62	6.66	V	48.28	53.98	5.70	AV

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	52.75	6.66	H	59.41	73.98	14.57	PK
5350	42.02	6.66	H	48.68	53.98	5.30	AV
5350	53.81	6.66	V	60.47	73.98	13.51	PK
5350	42.19	6.66	V	48.85	53.98	5.13	AV

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	53.04	6.66	H	59.70	73.98	14.28	PK
5350	41.81	6.66	H	48.47	53.98	5.51	AV
5350	54.27	6.66	V	60.93	73.98	13.05	PK
5350	41.94	6.66	V	48.6	53.98	5.38	AV

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	54.01	6.66	H	60.67	73.98	13.31	PK
5350	42.99	6.66	H	49.65	53.98	4.33	AV
5350	55.19	6.66	V	61.85	73.98	12.13	PK
5350	43.64	6.66	V	50.3	53.98	3.68	AV

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

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	55.48	6.08	H	61.56	73.98	12.42	PK
5460	40.68	6.08	H	46.76	53.98	7.22	AV
5470	56.82	6.19	H	63.01	68.20	5.19	PK
5460	56.11	6.08	V	62.19	73.98	11.79	PK
5460	41.73	6.08	V	47.81	53.98	6.17	AV
5470	57.95	6.19	V	64.14	68.20	4.06	PK

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

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	54.32	6.08	H	60.40	73.98	13.58	PK
5460	41.30	6.08	H	47.38	53.98	6.60	AV
5470	57.62	6.19	H	63.81	68.20	4.39	PK
5460	55.56	6.08	V	61.64	73.98	12.34	PK
5460	42.12	6.08	V	48.2	53.98	5.78	AV
5470	57.85	6.19	V	64.04	68.20	4.16	PK

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

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	54.26	6.08	H	60.34	73.98	13.64	PK
5460	40.75	6.08	H	46.83	53.98	7.15	AV
5470	57.87	6.19	H	64.06	68.20	4.14	PK
5460	55.61	6.08	V	61.69	73.98	12.29	PK
5460	41.84	6.08	V	47.92	53.98	6.06	AV
5470	58.57	6.19	V	64.76	68.20	3.44	PK

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

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	53.64	6.08	H	59.72	73.98	14.26	PK
5460	41.87	6.08	H	47.95	53.98	6.03	AV
5470	55.64	6.19	H	61.83	68.20	6.37	PK
5460	54.87	6.08	V	60.95	73.98	13.03	PK
5460	42.44	6.08	V	48.52	53.98	5.46	AV
5470	56.80	6.19	V	62.99	68.20	5.21	PK

Report No.: HCT-RF-1901-FI003

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

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	52.01	6.08	H	58.09	73.98	15.89	PK
5460	42.07	6.08	H	48.15	53.98	5.83	AV
5470	55.74	6.19	H	61.93	68.20	6.27	PK
5460	54.96	6.08	V	61.04	73.98	12.94	PK
5460	42.71	6.08	V	48.79	53.98	5.19	AV
5470	56.35	6.19	V	62.54	68.20	5.66	PK

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

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	54.24	6.08	H	60.32	73.98	13.66	PK
5460	42.72	6.08	H	48.8	53.98	5.18	AV
5470	56.88	6.19	H	63.07	68.20	5.13	PK
5460	54.73	6.08	V	60.81	73.98	13.17	PK
5460	43.68	6.08	V	49.76	53.98	4.22	AV
5470	57.91	6.19	V	64.1	68.20	4.10	PK

Report No.: HCT-RF-1901-FI003

Band :	UNII 2C
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5520 MHz
Channel No.	104 Ch

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	53.74	6.08	H	59.82	73.98	14.16	PK
5460	40.08	6.08	H	46.16	53.98	7.82	AV
5470	56.48	6.19	H	62.67	68.20	5.53	PK
5460	55.26	6.08	V	61.34	73.98	12.64	PK
5460	42.72	6.08	V	48.8	53.98	5.18	AV
5470	57.81	6.19	V	64	68.20	4.20	PK

Band :	UNII 2C
Operation Mode:	802.11 n_HT20
Transfer MCS Index:	0
Operating Frequency	5520 MHz
Channel No.	104 Ch

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	54.57	6.08	H	60.65	73.98	13.33	PK
5460	41.74	6.08	H	47.82	53.98	6.16	AV
5470	55.70	6.19	H	61.89	68.20	6.31	PK
5460	54.70	6.08	V	60.78	73.98	13.20	PK
5460	42.31	6.08	V	48.39	53.98	5.59	AV
5470	56.70	6.19	V	62.89	68.20	5.31	PK

Report No.: HCT-RF-1901-FI003

Band :	UNII 2C
Operation Mode:	802.11 ac_VHT20
Transfer MCS Index:	0
Operating Frequency	5520 MHz
Channel No.	104 Ch

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	55.32	6.08	H	61.40	73.98	12.58	PK
5460	41.69	6.08	H	47.77	53.98	6.21	AV
5470	55.48	6.19	H	61.67	68.20	6.53	PK
5460	55.75	6.08	V	61.83	73.98	12.15	PK
5460	42.08	6.08	V	48.16	53.98	5.82	AV
5470	56.42	6.19	V	62.61	68.20	5.59	PK

Band :	UNII 2C
Operation Mode:	802.11 n_HT40
Transfer MCS Index:	0
Operating Frequency	5550 MHz
Channel No.	110 Ch

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	53.50	6.08	H	59.58	73.98	14.40	PK
5460	42.38	6.08	H	48.46	53.98	5.52	AV
5470	53.30	6.19	H	59.49	68.20	8.71	PK
5460	54.48	6.08	V	60.56	73.98	13.42	PK
5460	42.46	6.08	V	48.54	53.98	5.44	AV
5470	55.76	6.19	V	61.95	68.20	6.25	PK

Report No.: HCT-RF-1901-FI003

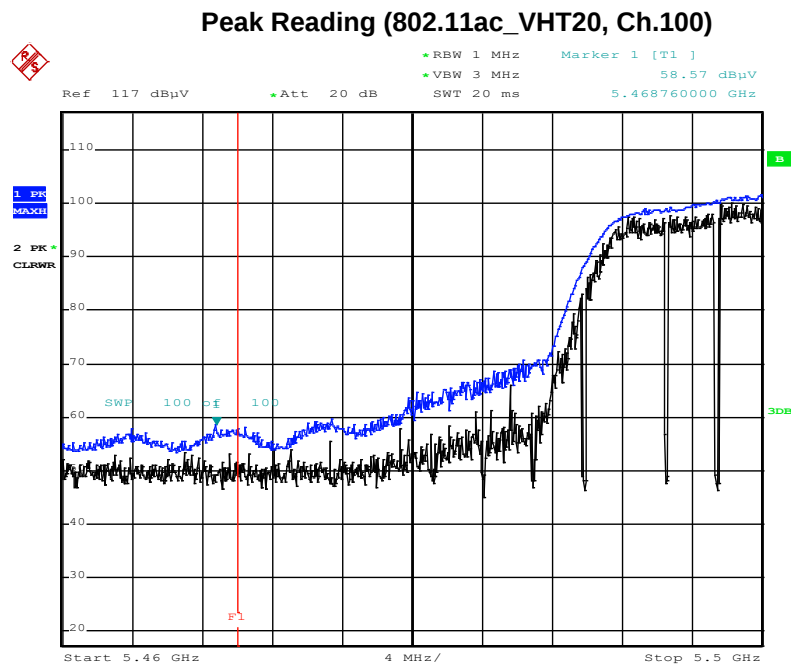
Band :	UNII 2C
Operation Mode:	802.11 ac_VHT40
Transfer MCS Index:	0
Operating Frequency	5550 MHz
Channel No.	110 Ch

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	53.68	6.08	H	59.76	73.98	14.22	PK
5460	41.98	6.08	H	48.06	53.98	5.92	AV
5470	54.13	6.19	H	60.32	68.20	7.88	PK
5460	54.64	6.08	V	60.72	73.98	13.26	PK
5460	42.35	6.08	V	48.43	53.98	5.55	AV
5470	54.63	6.19	V	60.82	68.20	7.38	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_VHT80
Transfer MCS Index:	0
Operating Frequency	5690 MHz
Channel No.	138 Ch

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	52.12	6.08	H	58.20	73.98	15.78	PK
5460	41.99	6.08	H	48.07	53.98	5.91	AV
5470	53.81	6.19	H	60	68.20	8.20	PK
5460	54.68	6.08	V	60.76	73.98	13.22	PK
5460	43.62	6.08	V	49.7	53.98	4.28	AV
5470	54.23	6.19	V	60.42	68.20	7.78	PK

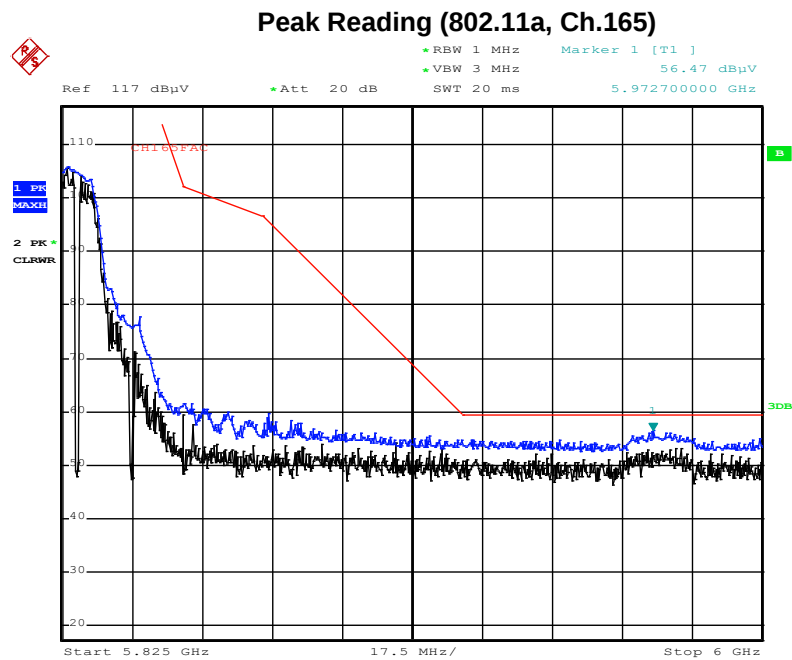
■ Test Plots(UNII 1, 2A, 2C)



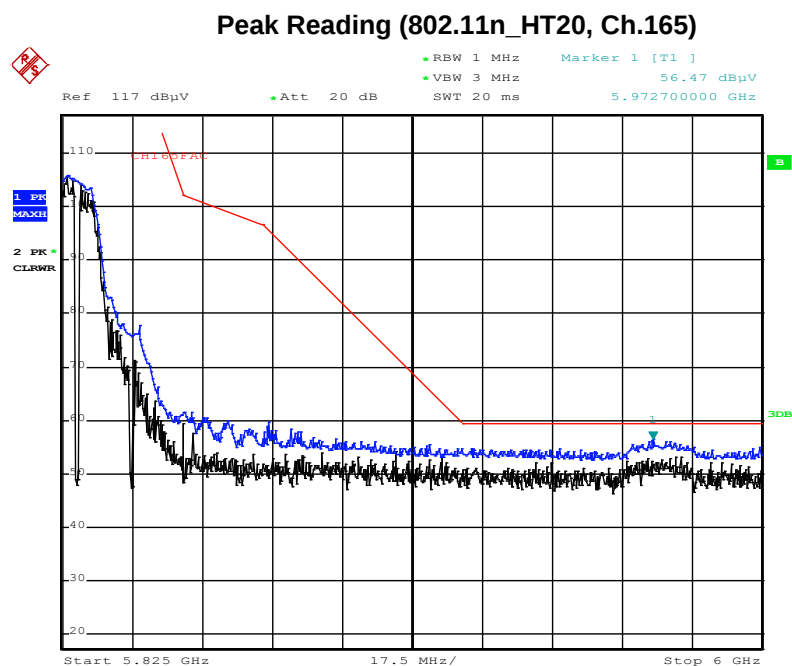
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Note : Only the worst case plots for Radiated Spurious Emissions.

■ Test Plots(UNII 3)

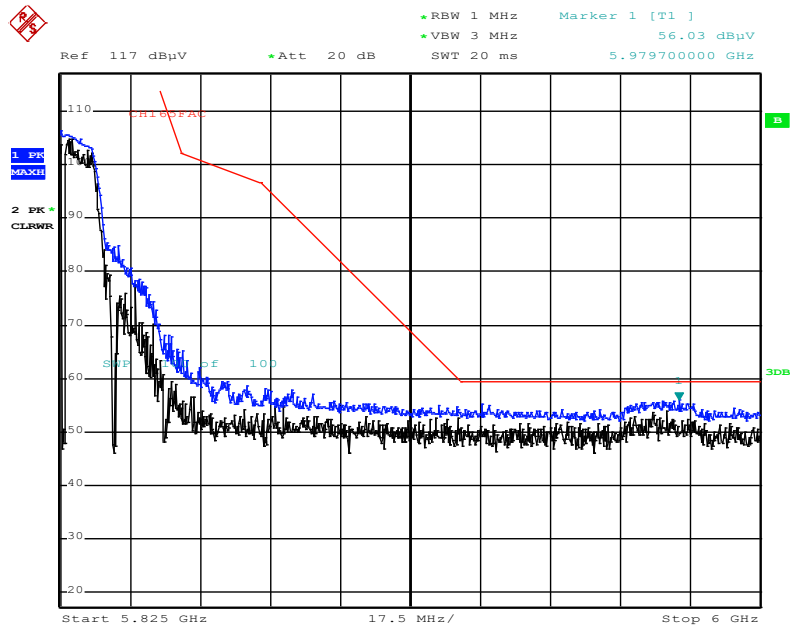


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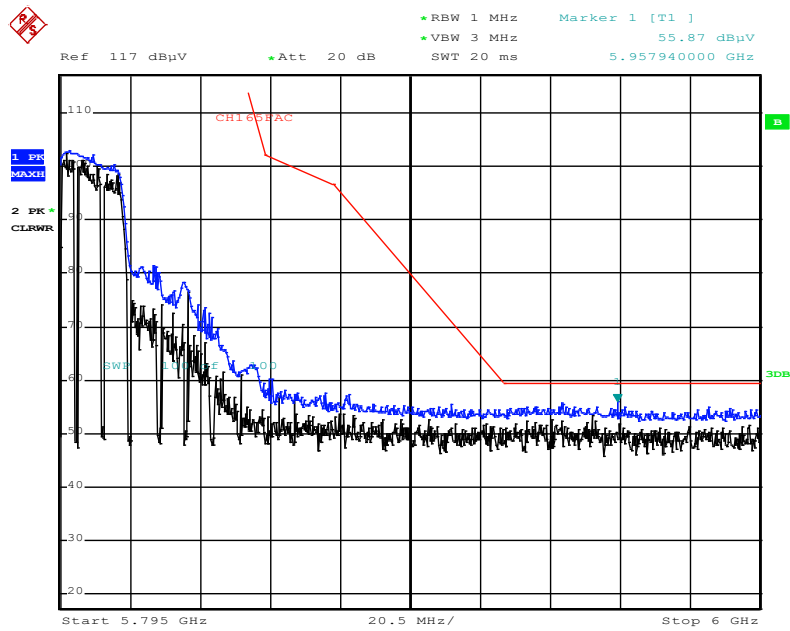
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Peak Reading (802.11ac_VHT20, Ch.165)



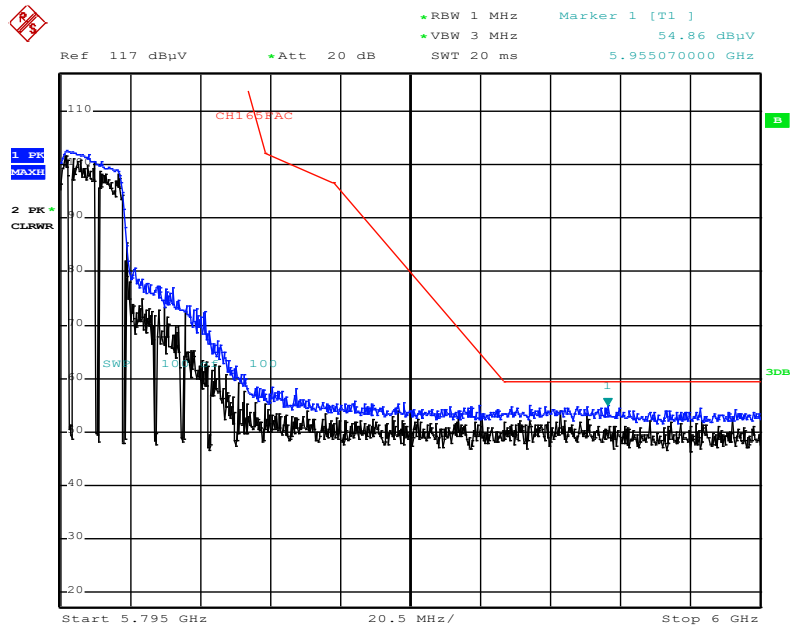
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Peak Reading (802.11n_HT40, Ch.159)



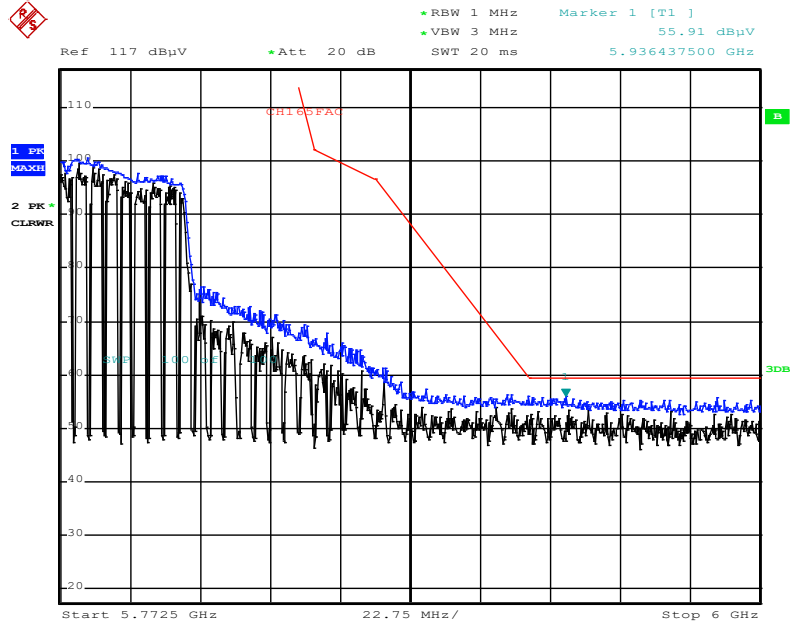
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Peak Reading (802.11ac_VHT40, Ch.159)



Date: 12.JAN.2019 10:09:59

Peak Reading (802.11ac_VHT80, Ch.155)



Date: 12.JAN.2019 10:13:28

[ANT2]

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	53.66	5.75	H	59.41	73.98	14.57	PK
5150	41.07	5.75	H	46.82	53.98	7.16	AV
5150	54.31	5.75	V	60.06	73.98	13.92	PK
5150	41.15	5.75	V	46.9	53.98	7.08	AV

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	52.74	5.75	H	58.49	73.98	15.49	PK
5150	41.02	5.75	H	46.77	53.98	7.21	AV
5150	53.80	5.75	V	59.55	73.98	14.43	PK
5150	41.23	5.75	V	46.98	53.98	7.00	AV

Report No.: HCT-RF-1901-FI003

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	52.10	5.75	H	57.85	73.98	16.13	PK
5150	41.02	5.75	H	46.77	53.98	7.21	AV
5150	54.55	5.75	V	60.3	73.98	13.68	PK
5150	41.13	5.75	V	46.88	53.98	7.10	AV

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	55.43	5.75	H	61.18	73.98	12.80	PK
5150	41.63	5.75	H	47.38	53.98	6.60	AV
5150	56.84	5.75	V	62.59	73.98	11.39	PK
5150	42.10	5.75	V	47.85	53.98	6.13	AV

Report No.: HCT-RF-1901-FI003

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	54.18	5.75	H	59.93	73.98	14.05	PK
5150	42.03	5.75	H	47.78	53.98	6.20	AV
5150	58.02	5.75	V	63.77	73.98	10.21	PK
5150	42.17	5.75	V	47.92	53.98	6.06	AV

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5150	53.21	5.75	H	58.96	73.98	15.02	PK
5150	43.47	5.75	H	49.22	53.98	4.76	AV
5150	55.14	5.75	V	60.89	73.98	13.09	PK
5150	43.92	5.75	V	49.67	53.98	4.31	AV

Report No.: HCT-RF-1901-FI003

Band :	UNII 2A
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	54.27	6.66	H	60.93	73.98	13.05	PK
5350	43.15	6.66	H	49.81	53.98	4.17	AV
5350	55.16	6.66	V	61.82	73.98	12.16	PK
5350	41.56	6.66	V	48.22	53.98	5.76	AV

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	52.59	6.66	H	59.25	73.98	14.73	PK
5350	41.62	6.66	H	48.28	53.98	5.70	AV
5350	53.16	6.66	V	59.82	73.98	14.16	PK
5350	41.76	6.66	V	48.42	53.98	5.56	AV

Report No.: HCT-RF-1901-FI003

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	55.99	6.66	H	62.65	73.98	11.33	PK
5350	42.02	6.66	H	48.68	53.98	5.30	AV
5350	56.24	6.66	V	62.9	73.98	11.08	PK
5350	42.16	6.66	V	48.82	53.98	5.16	AV

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	58.81	6.66	H	65.47	73.98	8.51	PK
5350	43.73	6.66	H	50.39	53.98	3.59	AV
5350	61.79	6.66	V	68.45	73.98	5.53	PK
5350	43.87	6.66	V	50.53	53.98	3.45	AV

Report No.: HCT-RF-1901-FI003

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	58.59	6.66	H	65.25	73.98	8.73	PK
5350	42.58	6.66	H	49.24	53.98	4.74	AV
5350	59.60	6.66	V	66.26	73.98	7.72	PK
5350	43.72	6.66	V	50.38	53.98	3.60	AV

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

Frequency [MHz]	Reading dBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5350	54.66	6.66	H	61.32	73.98	12.66	PK
5350	43.64	6.66	H	50.3	53.98	3.68	AV
5350	56.48	6.66	V	63.14	73.98	10.84	PK
5350	44.20	6.66	V	50.86	53.98	3.12	AV

Report No.: HCT-RF-1901-FI003

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

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	53.41	6.08	H	59.49	73.98	14.49	PK
5460	41.49	6.08	H	47.57	53.98	6.41	AV
5470	54.87	6.19	H	61.06	68.20	7.14	PK
5460	54.60	6.08	V	60.68	73.98	13.30	PK
5460	42.17	6.08	V	48.25	53.98	5.73	AV
5470	55.14	6.19	V	61.33	68.20	6.87	PK

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

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	54.21	6.08	H	60.29	73.98	13.69	PK
5460	40.82	6.08	H	46.9	53.98	7.08	AV
5470	55.87	6.19	H	62.06	68.20	6.14	PK
5460	54.93	6.08	V	61.01	73.98	12.97	PK
5460	41.95	6.08	V	48.03	53.98	5.95	AV
5470	56.49	6.19	V	62.68	68.20	5.52	PK

Report No.: HCT-RF-1901-FI003

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

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	54.08	6.08	H	60.16	73.98	13.82	PK
5460	41.78	6.08	H	47.86	53.98	6.12	AV
5470	55.32	6.19	H	61.51	68.20	6.69	PK
5460	54.97	6.08	V	61.05	73.98	12.93	PK
5460	42.03	6.08	V	48.11	53.98	5.87	AV
5470	56.33	6.19	V	62.52	68.20	5.68	PK

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

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	56.47	6.08	H	62.55	73.98	11.43	PK
5460	41.98	6.08	H	48.06	53.98	5.92	AV
5470	55.24	6.19	H	61.43	68.20	6.77	PK
5460	57.59	6.08	V	63.67	73.98	10.31	PK
5460	42.64	6.08	V	48.72	53.98	5.26	AV
5470	57.64	6.19	V	63.83	68.20	4.37	PK

Report No.: HCT-RF-1901-FI003

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

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	54.33	6.08	H	60.41	73.98	13.57	PK
5460	41.63	6.08	H	47.71	53.98	6.27	AV
5470	56.68	6.19	H	62.87	68.20	5.33	PK
5460	54.94	6.08	V	61.02	73.98	12.96	PK
5460	42.24	6.08	V	48.32	53.98	5.66	AV
5470	57.22	6.19	V	63.41	68.20	4.79	PK

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

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	53.64	6.08	H	59.72	73.98	14.26	PK
5460	42.78	6.08	H	48.86	53.98	5.12	AV
5470	55.94	6.19	H	62.13	68.20	6.07	PK
5460	54.97	6.08	V	61.05	73.98	12.93	PK
5460	43.54	6.08	V	49.62	53.98	4.36	AV
5470	57.42	6.19	V	63.61	68.20	4.59	PK

Band :	UNII 2C
Operation Mode:	802.11 n_HT40
Transfer MCS Index:	0
Operating Frequency	5550 MHz
Channel No.	110 Ch

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	54.17	6.08	H	60.25	73.98	13.73	PK
5460	41.61	6.08	H	47.69	53.98	6.29	AV
5470	54.15	6.19	H	60.34	68.20	7.86	PK
5460	54.50	6.08	V	60.58	73.98	13.40	PK
5460	42.14	6.08	V	48.22	53.98	5.76	AV
5470	54.44	6.19	V	60.63	68.20	7.57	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_VHT40
Transfer MCS Index:	0
Operating Frequency	5550 MHz
Channel No.	110 Ch

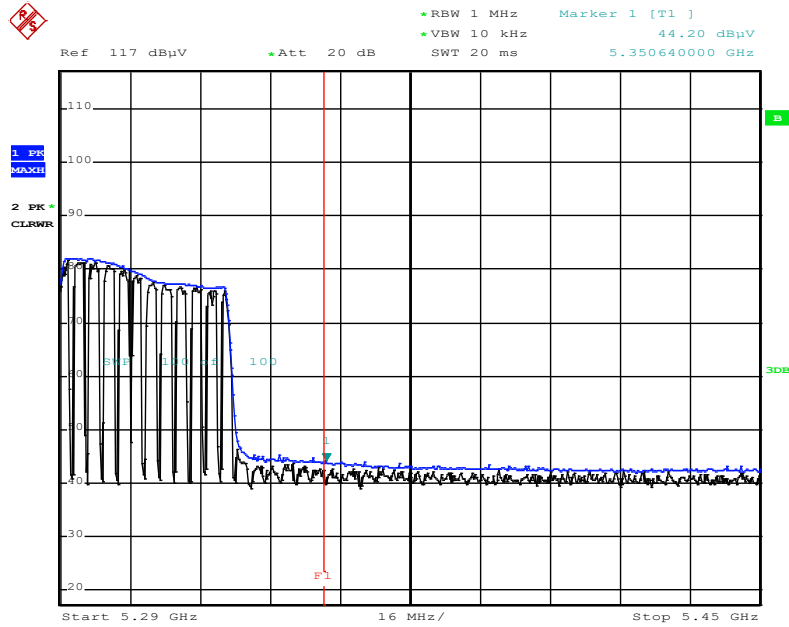
Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	53.26	6.08	H	59.34	73.98	14.64	PK
5460	41.21	6.08	H	47.29	53.98	6.69	AV
5470	54.41	6.19	H	60.6	68.20	7.60	PK
5460	54.98	6.08	V	61.06	73.98	12.92	PK
5460	42.40	6.08	V	48.48	53.98	5.50	AV
5470	54.73	6.19	V	60.92	68.20	7.28	PK

Band :	UNII 2C
Operation Mode:	802.11 ac_VHT80
Transfer MCS Index:	0
Operating Frequency	5690 MHz
Channel No.	138 Ch

Frequency [MHz]	Reading DBuV	AN.+CL+AMP+ATT. +D.F. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Measurement Type
5460	54.45	6.08	H	60.53	73.98	13.45	PK
5460	42.85	6.08	H	48.93	53.98	5.05	AV
5470	52.97	6.19	H	59.16	68.20	9.04	PK
5460	55.04	6.08	V	61.12	73.98	12.86	PK
5460	43.47	6.08	V	49.55	53.98	4.43	AV
5470	53.38	6.19	V	59.57	68.20	8.63	PK

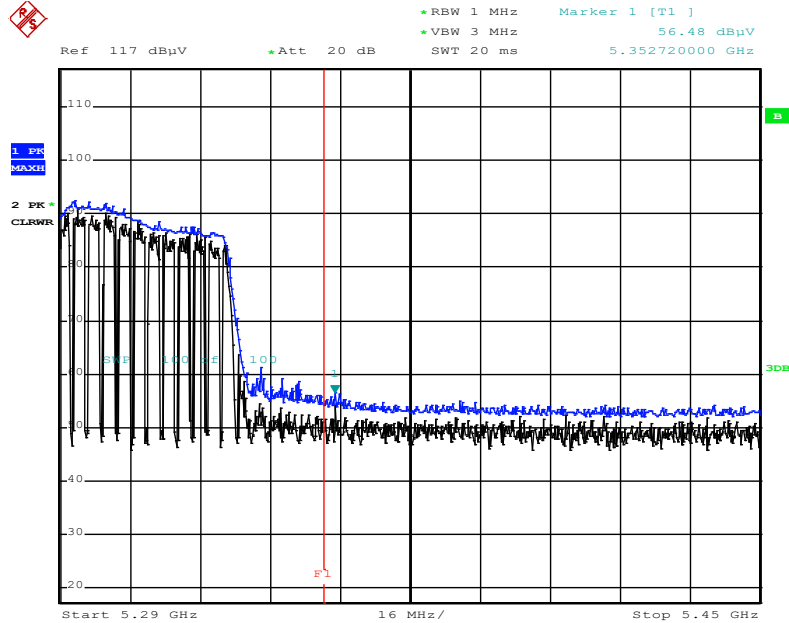
■ Test Plots(UNII 1, 2A, 2C)

Average Reading (802.11ac_VHT80, Ch.58)



Date: 14.JAN.2019 17:10:09

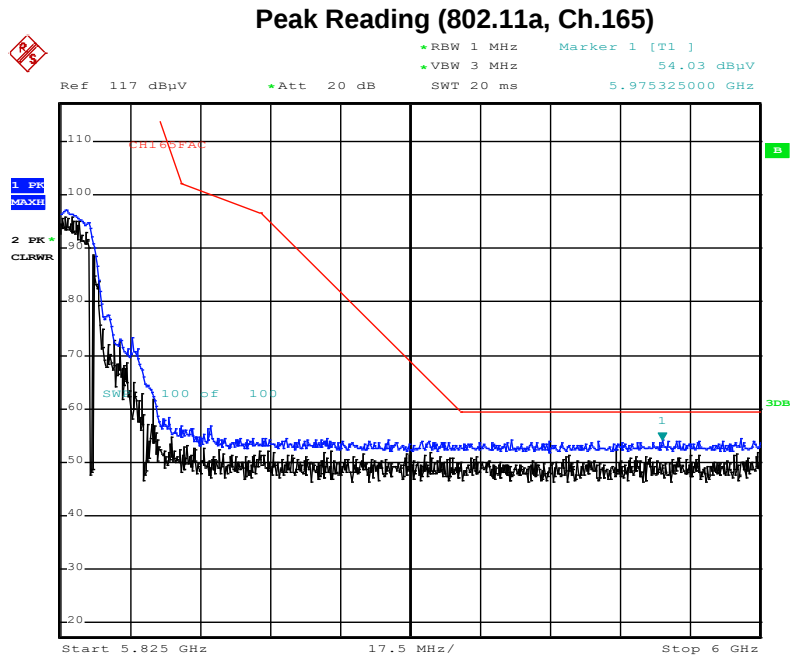
Peak Reading (802.11ac_VHT80, Ch.58)



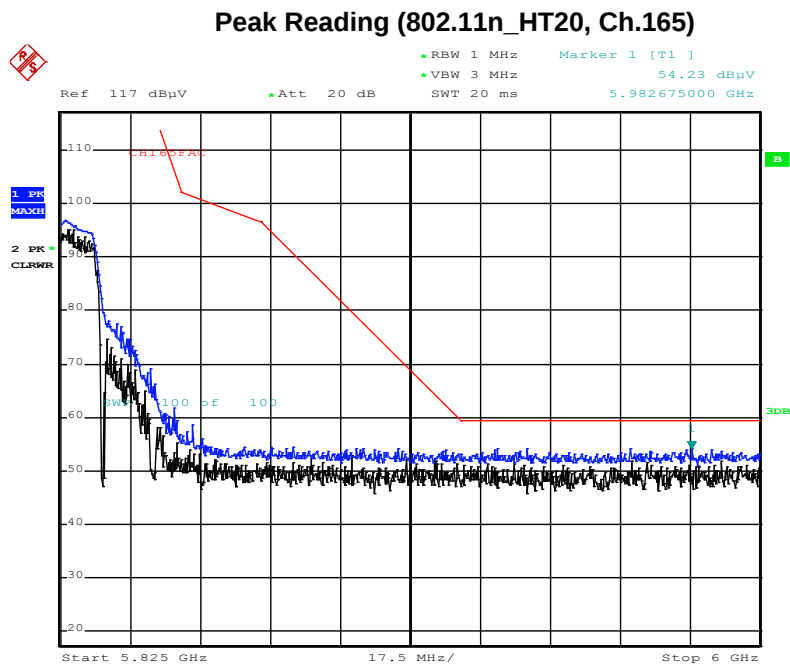
Date: 14.JAN.2019 17:12:03

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

■ Test Plots(UNII 3)

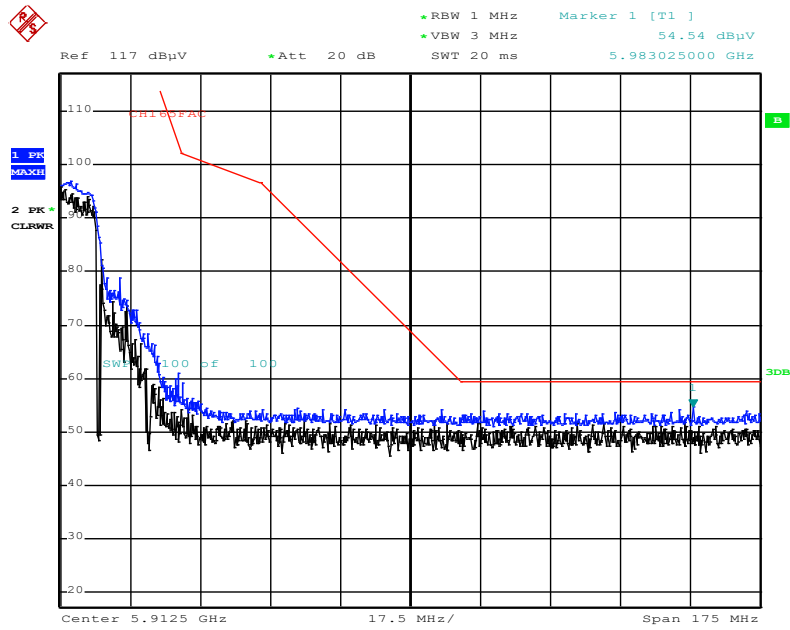


Date: 14.JAN.2019 10:19:38



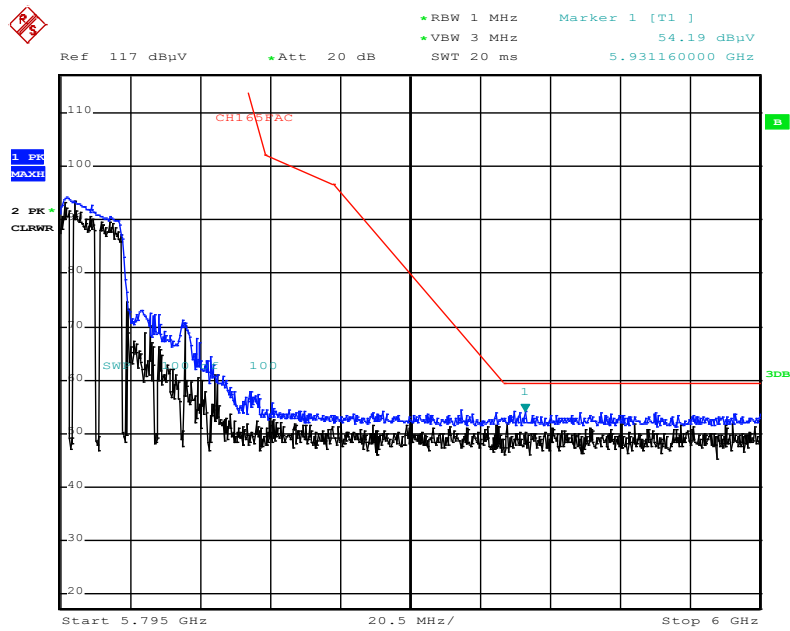
Date: 14.JAN.2019 10:22:24

Peak Reading (802.11ac_VHT20, Ch.165)



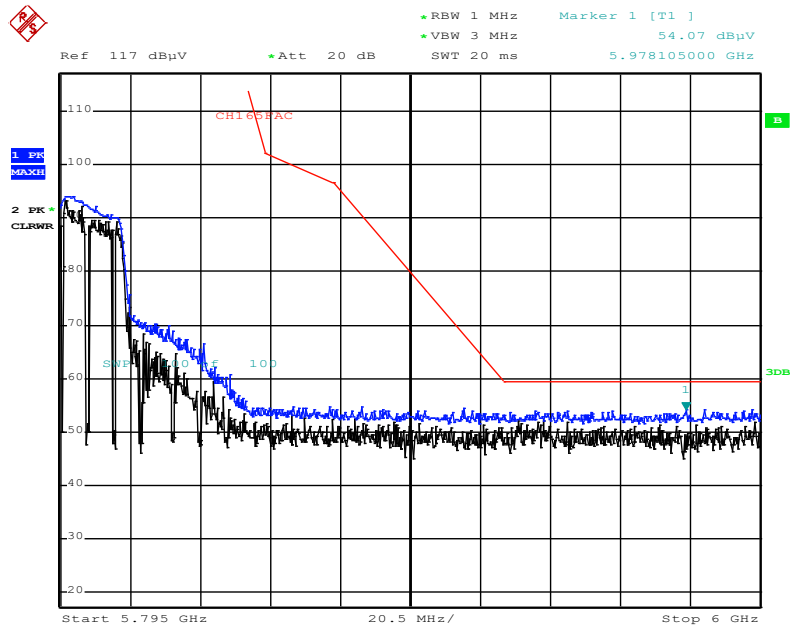
Date: 14.JAN.2019 10:23:19

Peak Reading (802.11n_HT40, Ch.159)



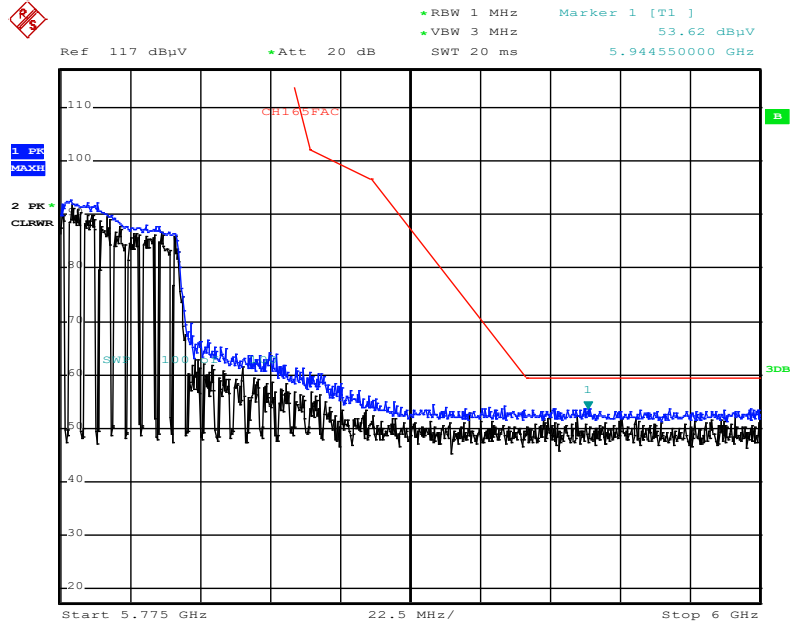
Date: 14.JAN.2019 10:24:50

Peak Reading (802.11ac_VHT40, Ch.159)



Date: 14.JAN.2019 10:26:40

Peak Reading (802.11ac_VHT80, Ch.155)



Date: 14.JAN.2019 10:28:49

10.10 RECEIVER SPURIOUS EMISSIONS

Frequency Range : Below 1 GHz

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

Note:

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

Frequency Range : Above 1 GHz

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

11. LIST OF TEST EQUIPMENT

Conducted Test

Manufacturer	Model / Equipment	Calibration Date	Calibration Interval	Serial No.
Rohde & Schwarz	ENV216 / LISN	12/12/2018	Annual	102245
Rohde & Schwarz	ESCI / Test Receiver	06/27/2018	Annual	100033
ESPACE	SU-642 / Temperature Chamber	03/30/2018	Annual	0093008124
Agilent	N9020A / Signal Analyzer	06/08/2018	Annual	MY51110085
Agilent	N9030A / Signal Analyzer	11/20/2018	Annual	MY49431210
Agilent	N1911A / Power Meter	04/16/2018	Annual	MY45100523
Agilent	N1921A / Power Sensor	04/16/2018	Annual	MY52260025
Agilent	87300B / Directional Coupler	11/20/2018	Annual	3116A03621
Hewlett Packard	11667B / Power Splitter	06/07/2018	Annual	05001
Hewlett Packard	E3632A / DC Power Supply	06/26/2018	Annual	KR75303960
Agilent	8493C / Attenuator(10 dB)	07/10/2018	Annual	07560
Rohde & Schwarz	EMC32 / Software	N/A	N/A	N/A
HCT CO., LTD.	FCC WLAN&BT&BLE Conducted Test Software v3.0	N/A	N/A	N/A
Rohde & Schwarz	CBT / Bluetooth Tester	05/17/2018	Annual	100422

Note:

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

Radiated Test

Manufacturer	Model / Equipment	Calibration Date	Calibration Interval	Serial No.
Innco system	CO3000 / Controller(Antenna mast)	N/A	N/A	CO3000-4p
Innco system	MA4640/800-XP-EP / Antenna Position Tower	N/A	N/A	N/A
Audix	EM1000 / Controller	N/A	N/A	060520
Audix	Turn Table	N/A	N/A	N/A
Rohde & Schwarz	Loop Antenna	08/23/2018	Biennial	1513-175
Schwarzbeck	VULB 9168 / Hybrid Antenna	04/06/2017	Biennial	760
Schwarzbeck	VULB 9168 / Hybrid Antenna	08/09/2018	Annual	3368
Schwarzbeck	BBHA 9120D / Horn Antenna	06/30/2017	Biennial	1300
Schwarzbeck	BBHA9170 / Horn Antenna(15 GHz ~ 40 GHz)	12/04/2017	Biennial	BBHA9170541
Rohde & Schwarz	FSP(9 kHz ~ 40 GHz) / Spectrum Analyzer	07/24/2018	Annual	100843
Wainwright Instruments	WHK3.0/18G-10EF / High Pass Filter	01/03/2019	Annual	F6
Wainwright Instruments	WHFX7.0/18G-8SS / High Pass Filter	05/09/2018	Annual	29
Wainwright Instruments	WRCJV2400/2483.5-2370/2520-60/12SS / Band Reject Filter	06/29/2018	Annual	2
Wainwright Instruments	WRCJV5100/5850-40/50-8EEK / Band Reject Filter	01/03/2019	Annual	2
Weinschel	2-3 / Attenuator (3 dB)	10/10/2018	Annual	BR0617
H+S	5910-N-50-010 / Attenuator(10 dB)	11/08/2018	Annual	NONE
CERNEX	CBLU1183540B-01 / Power Amplifier	12/21/2018	Annual	25540
CERNEX	CBL06185030 / Power Amplifier	03/28/2018	Annual	28550
CERNEX	CBL18265035 / Power Amplifier	01/03/2019	Annual	22966
CERNEX	CBL26405040 / Power Amplifier	06/29/2018	Annual	25956
TESCOM	TC-3000C / Bluetooth Tester	03/27/2018	Annual	3000C000276

Note:

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

12. ANNEX A_ TEST SETUP PHOTO

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

No.	Description
1	HCT-RF-1901-FI002-P
2	HCT-RF-1901-FI003-P
3	HCT-RF-1901-FI004-P
4	HCT-RF-1901-FI005-P