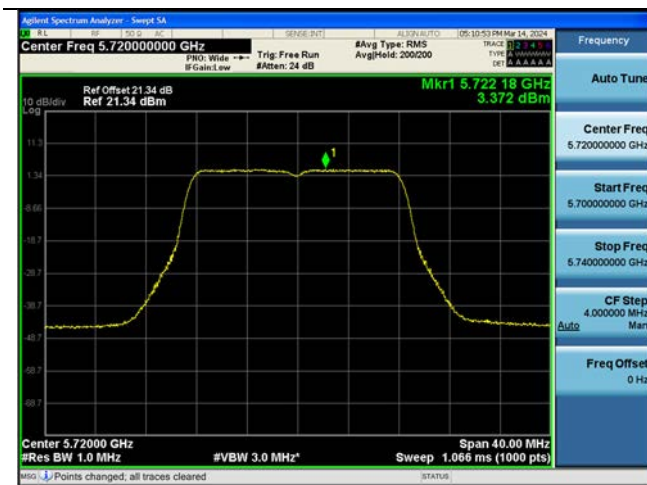


[ANT. 1]

▣ Test Plots

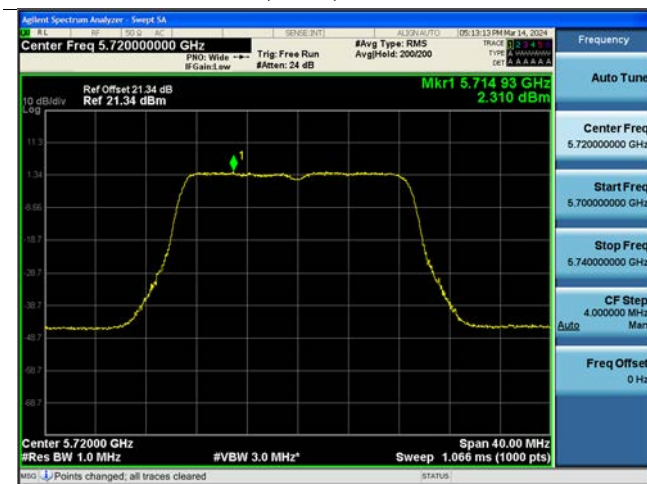
802.11a UNII 2C Band



802.11a UNII 3 Band



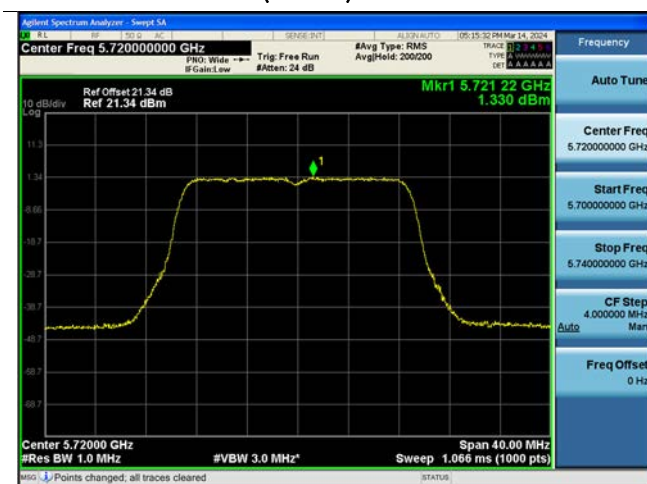
802.11n(HT20) UNII 2C Band



802.11n(HT20) UNII 3 Band



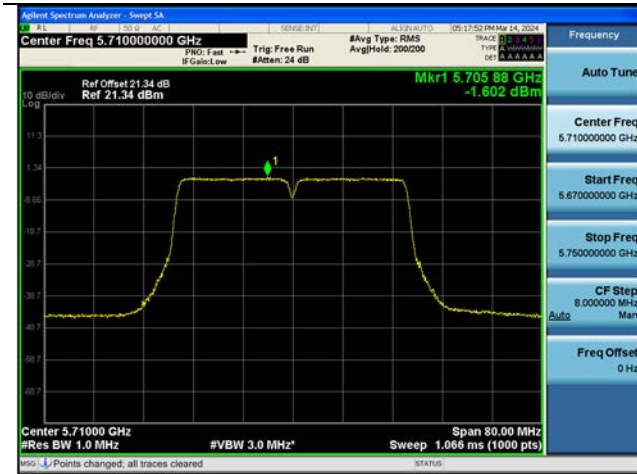
802.11ac(VHT20) UNII 2C Band



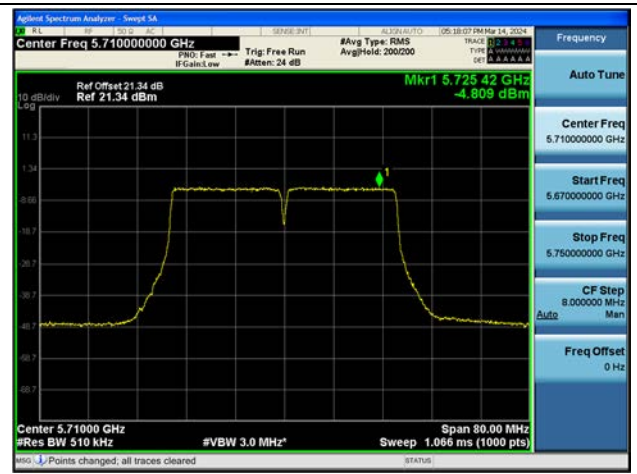
802.11ac(VHT20) UNII 3 Band



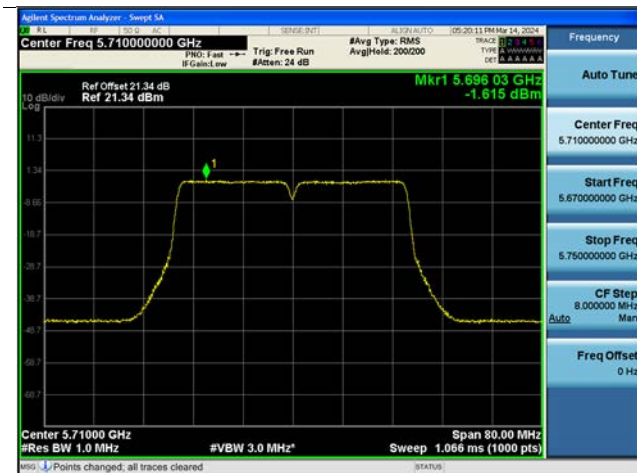
802.11n(HT40) UNII 2C Band



802.11n(HT40) UNII 3 Band



802.11ac(VHT40) UNII 2C Band



802.11ac(VHT40) UNII 3 Band



802.11ac(VHT80) UNII 2C Band



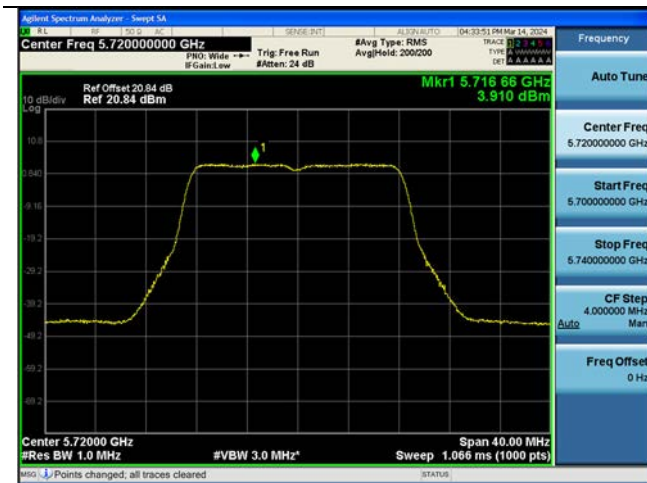
802.11ac(VHT80) UNII 3 Band



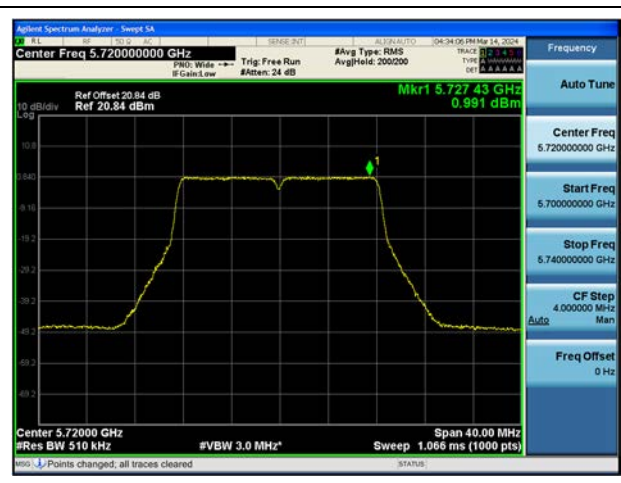
[ANT. 2]

Test Plots

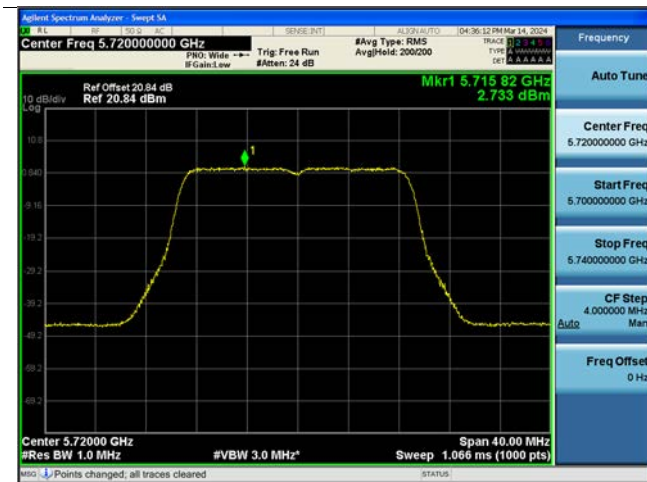
802.11a UNII 2C Band



802.11a UNII 3 Band



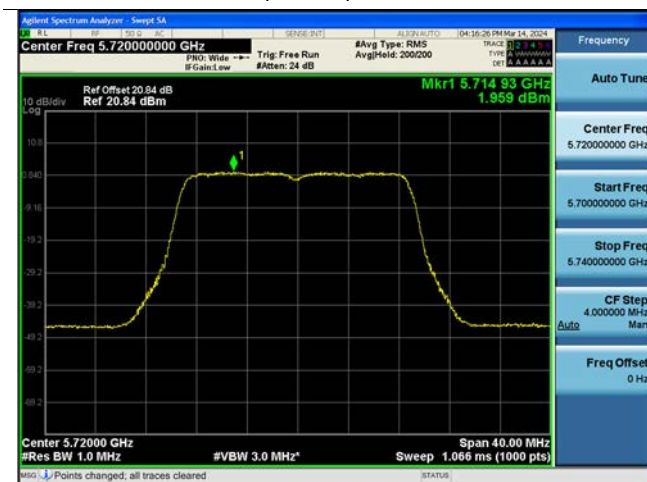
802.11n(HT20) UNII 2C Band



802.11n(HT20) UNII 3 Band



802.11ac(VHT20) UNII 2C Band



802.11ac(VHT20) UNII 3 Band



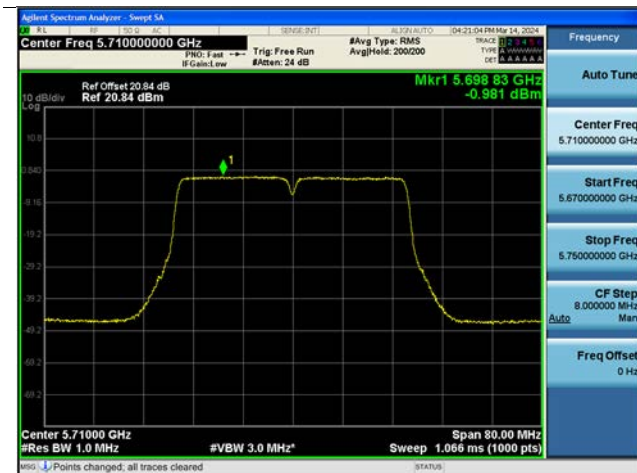
802.11n(HT40) UNII 2C Band



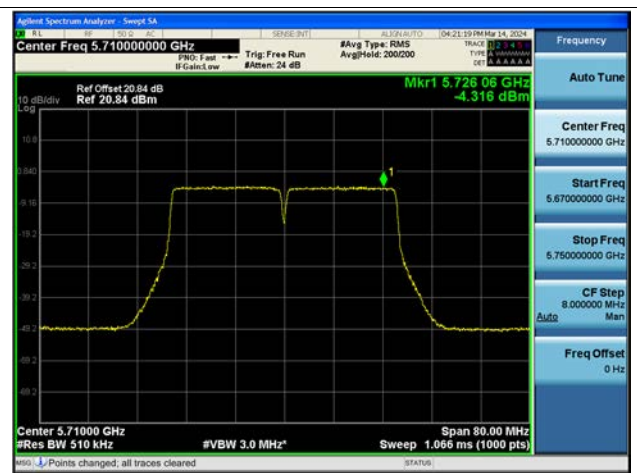
802.11n(HT40) UNII 3 Band



802.11ac(VHT40) UNII 2C Band



802.11ac(VHT40) UNII 3 Band



802.11ac(VHT80) UNII 2C Band



802.11ac(VHT80) UNII 3 Band



## 10.8 RADIATED SPURIOUS EMISSIONS

### Frequency Range : 9 kHz – 30 MHz

Frequency	Measured Value	CL+AF+DF-AG	ANT. POL	Total	Limit	Margin
[MHz]	[dB $\mu$ V]	[dB/m]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]

No Critical peaks found

#### Note:

1. The Measured Value of emissions are attenuated more than 20 dB below the permissible limits or the field strength is too small to be measured.
2. Distance extrapolation factor =  $40\log(\text{specific distance} / \text{test distance})$  (dB)
3. Limit line = specific Limits (dB $\mu$ V) + Distance extrapolation factor

### Frequency Range : Below 1 GHz

Frequency	Measured Value	A.F+C.L	ANT. POL	Total	Limit	Margin
[MHz]	[dB $\mu$ V]	[dB/m]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/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

[MIMO\_CDD(Ant1+Ant2)]

[Open mode]

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10360	44.29	7.94	V	52.23	68.20	15.97	PK
15540	41.49	13.08	V	54.57	73.98	19.41	PK
15540	28.59	13.08	V	41.67	53.98	12.31	AV
10360	43.95	7.94	H	51.89	68.20	16.31	PK
15540	41.42	13.08	H	54.50	73.98	19.48	PK
15540	28.70	13.08	H	41.78	53.98	12.20	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10400	44.48	7.89	V	52.37	68.20	15.83	PK
15600	41.21	13.09	V	54.30	73.98	19.68	PK
15600	28.18	13.09	V	41.27	53.98	12.71	AV
10400	43.91	7.89	H	51.80	68.20	16.40	PK
15600	40.52	13.09	H	53.61	73.98	20.37	PK
15600	27.88	13.09	H	40.97	53.98	13.01	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10480	44.60	8.23	V	52.83	68.20	15.37	PK
15720	40.86	13.40	V	54.26	73.98	19.72	PK
15720	27.57	13.40	V	40.97	53.98	13.01	AV
10480	44.23	8.23	H	52.46	68.20	15.74	PK
15720	40.05	13.40	H	53.45	73.98	20.53	PK
15720	27.24	13.40	H	40.64	53.98	13.34	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10520	43.71	8.82	V	52.53	68.20	15.67	PK
15780	40.94	13.53	V	54.47	73.98	19.51	PK
15780	27.69	13.53	V	41.22	53.98	12.76	AV
10520	43.54	8.82	H	52.36	68.20	15.84	PK
15780	40.93	13.53	H	54.46	73.98	19.52	PK
15780	27.84	13.53	H	41.37	53.98	12.61	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10600	42.92	9.44	V	52.36	73.98	21.62	PK
10600	29.70	9.44	V	39.14	53.98	14.84	AV
15900	40.71	13.06	V	53.77	73.98	20.21	PK
15900	27.70	13.06	V	40.76	53.98	13.22	AV
10600	42.91	9.44	H	52.35	73.98	21.63	PK
10600	29.54	9.44	H	38.98	53.98	15.00	AV
15900	41.08	13.06	H	54.14	73.98	19.84	PK
15900	27.80	13.06	H	40.86	53.98	13.12	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10640	42.91	9.48	V	52.39	73.98	21.59	PK
10640	29.47	9.48	V	38.95	53.98	15.03	AV
15960	40.98	12.65	V	53.63	73.98	20.35	PK
15960	27.69	12.65	V	40.34	53.98	13.64	AV
10640	43.30	9.48	H	52.78	73.98	21.20	PK
10640	29.39	9.48	H	38.87	53.98	15.11	AV
15960	41.01	12.65	H	53.66	73.98	20.32	PK
15960	27.64	12.65	H	40.29	53.98	13.69	AV



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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11000	42.78	9.40	V	52.18	73.98	21.80	PK
11000	29.35	9.40	V	38.75	53.98	15.23	AV
16500	41.64	11.61	V	53.25	68.20	14.95	PK
11000	42.61	9.40	H	52.01	73.98	21.97	PK
11000	29.25	9.40	H	38.65	53.98	15.33	AV
16500	41.62	11.61	H	53.23	68.20	14.97	PK

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11200	42.53	9.91	V	52.44	73.98	21.54	PK
11200	29.24	9.91	V	39.15	53.98	14.83	AV
16800	42.12	11.21	V	53.33	68.20	14.87	PK
11200	42.05	9.91	H	51.96	73.98	22.02	PK
11200	29.09	9.91	H	39.00	53.98	14.98	AV
16800	41.21	11.21	H	52.42	68.20	15.78	PK

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11440	42.06	10.51	V	52.57	73.98	21.41	PK
11440	28.82	10.51	V	39.33	53.98	14.65	AV
17160	41.33	11.74	V	53.07	68.20	15.13	PK
11440	42.00	10.51	H	52.51	73.98	21.47	PK
11440	28.80	10.51	H	39.31	53.98	14.67	AV
17160	40.83	11.74	H	52.57	68.20	15.63	PK

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11490	42.04	10.26	V	52.30	73.98	21.68	PK
11490	29.13	10.26	V	39.39	53.98	14.59	AV
17235	40.94	12.32	V	53.26	68.20	14.94	PK
11490	42.28	10.26	H	52.54	73.98	21.44	PK
11490	29.09	10.26	H	39.35	53.98	14.63	AV
17235	41.04	12.32	H	53.36	68.20	14.84	PK

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11570	42.48	9.44	V	51.92	73.98	22.06	PK
11570	29.08	9.44	V	38.52	53.98	15.46	AV
17355	40.99	12.88	V	53.87	68.20	14.33	PK
11570	42.28	9.44	H	51.72	73.98	22.26	PK
11570	29.11	9.44	H	38.55	53.98	15.43	AV
17355	41.22	12.88	H	54.10	68.20	14.10	PK

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11650	42.79	9.43	V	52.22	73.98	21.76	PK
11650	29.00	9.43	V	38.43	53.98	15.55	AV
17475	40.72	13.82	V	54.54	68.20	13.66	PK
11650	42.10	9.43	H	51.53	73.98	22.45	PK
11650	29.15	9.43	H	38.58	53.98	15.40	AV
17475	40.81	13.82	H	54.63	68.20	13.57	PK

Band :	UNII 4
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5845 MHz
Channel No.	169 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11690	42.71	9.38	V	52.09	73.98	21.89	PK
11690	29.06	9.38	V	38.44	53.98	15.54	AV
17535	40.02	14.37	V	54.39	68.20	13.81	PK
11690	42.58	9.38	H	51.96	73.98	22.02	PK
11690	29.00	9.38	H	38.38	53.98	15.60	AV
17535	40.31	14.37	H	54.68	68.20	13.52	PK

Band :	UNII 4
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5865 MHz
Channel No.	173 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11730	42.60	9.13	V	51.73	73.98	22.25	PK
11730	29.22	9.13	V	38.35	53.98	15.63	AV
17595	41.00	14.45	V	55.45	68.20	12.75	PK
11730	42.61	9.13	H	51.74	73.98	22.24	PK
11730	29.16	9.13	H	38.29	53.98	15.69	AV
17595	41.14	14.45	H	55.59	68.20	12.61	PK

Band :	UNII 4
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5885 MHz
Channel No.	177 Ch

Frequency [MHz]	Measured Value [dBμV]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Measurement Type
11770	43.70	9.01	V	52.71	73.98	21.27	PK
11770	29.74	9.01	V	38.75	53.98	15.23	AV
17655	41.62	14.92	V	56.54	68.20	11.66	PK
11770	42.48	9.01	H	51.49	73.98	22.49	PK
11770	29.67	9.01	H	38.68	53.98	15.30	AV
17655	40.94	14.92	H	55.86	68.20	12.34	PK

Band :	UNII 1
Operation Mode:	802.11n_HT20
Transfer MCS Index:	MCS0
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10360	44.45	7.94	V	52.39	68.20	15.81	PK
15540	42.06	13.08	V	55.14	73.98	18.84	PK
15540	28.69	13.08	V	41.77	53.98	12.21	AV
10360	44.80	7.94	H	52.74	68.20	15.46	PK
15540	42.05	13.08	H	55.13	73.98	18.85	PK
15540	28.35	13.08	H	41.43	53.98	12.55	AV

Band :	UNII 1
Operation Mode:	802.11n_HT20
Transfer MCS Index:	MCS0
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10400	44.27	7.89	V	52.16	68.20	16.04	PK
15600	41.52	13.09	V	54.61	73.98	19.37	PK
15600	28.18	13.09	V	41.27	53.98	12.71	AV
10400	43.88	7.89	H	51.77	68.20	16.43	PK
15600	40.56	13.09	H	53.65	73.98	20.33	PK
15600	27.64	13.09	H	40.73	53.98	13.25	AV

Band :	UNII 1
Operation Mode:	802.11n_HT20
Transfer MCS Index:	MCS0
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10480	44.15	8.23	V	52.38	68.20	15.82	PK
15720	40.96	13.40	V	54.36	73.98	19.62	PK
15720	27.68	13.40	V	41.08	53.98	12.90	AV
10480	43.51	8.23	H	51.74	68.20	16.46	PK
15720	40.56	13.40	H	53.96	73.98	20.02	PK
15720	27.85	13.40	H	41.25	53.98	12.73	AV

Band :	UNII 2A
Operation Mode:	802.11n_HT20
Transfer MCS Index:	MCS0
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10520	43.37	8.82	V	52.19	68.20	16.01	PK
15780	40.73	13.53	V	54.26	73.98	19.72	PK
15780	27.37	13.53	V	40.90	53.98	13.08	AV
10520	43.72	8.82	H	52.54	68.20	15.66	PK
15780	40.71	13.53	H	54.24	73.98	19.74	PK
15780	27.79	13.53	H	41.32	53.98	12.66	AV

Band :	UNII 2A
Operation Mode:	802.11n_HT20
Transfer MCS Index:	MCS0
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10600	43.01	9.44	V	52.45	73.98	21.53	PK
10600	29.67	9.44	V	39.11	53.98	14.87	AV
15900	40.56	13.06	V	53.62	73.98	20.36	PK
15900	27.68	13.06	V	40.74	53.98	13.24	AV
10600	42.52	9.44	H	51.96	73.98	22.02	PK
10600	29.57	9.44	H	39.01	53.98	14.97	AV
15900	40.80	13.06	H	53.86	73.98	20.12	PK
15900	27.75	13.06	H	40.81	53.98	13.17	AV

Band :	UNII 2A
Operation Mode:	802.11n_HT20
Transfer MCS Index:	MCS0
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10640	43.21	9.48	V	52.69	73.98	21.29	PK
10640	29.55	9.48	V	39.03	53.98	14.95	AV
15960	41.03	12.65	V	53.68	73.98	20.30	PK
15960	27.68	12.65	V	40.33	53.98	13.65	AV
10640	43.18	9.48	H	52.66	73.98	21.32	PK
10640	29.48	9.48	H	38.96	53.98	15.02	AV
15960	40.59	12.65	H	53.24	73.98	20.74	PK
15960	27.58	12.65	H	40.23	53.98	13.75	AV



Band : UNII 2C  
 Operation Mode: 802.11n\_HT20  
 Transfer MCS Index: MCS0  
 Operating Frequency 5500 MHz  
 Channel No. 100 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11000	42.59	9.40	V	51.99	73.98	21.99	PK
11000	29.29	9.40	V	38.69	53.98	15.29	AV
16500	41.79	11.61	V	53.40	68.20	14.80	PK
11000	42.94	9.40	H	52.34	73.98	21.64	PK
11000	29.15	9.40	H	38.55	53.98	15.43	AV
16500	41.73	11.61	H	53.34	68.20	14.86	PK

Band : UNII 2C  
 Operation Mode: 802.11n\_HT20  
 Transfer MCS Index: MCS0  
 Operating Frequency 5600 MHz  
 Channel No. 120 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11200	42.21	9.91	V	52.12	73.98	21.86	PK
11200	29.26	9.91	V	39.17	53.98	14.81	AV
16800	41.76	11.21	V	52.97	68.20	15.23	PK
11200	42.20	9.91	H	52.11	73.98	21.87	PK
11200	29.23	9.91	H	39.14	53.98	14.84	AV
16800	42.15	11.21	H	53.36	68.20	14.84	PK

Band :	UNII 2C
Operation Mode:	802.11n_HT20
Transfer MCS Index:	MCS0
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11440	42.34	10.51	V	52.85	73.98	21.13	PK
11440	28.83	10.51	V	39.34	53.98	14.64	AV
17160	40.96	11.74	V	52.70	68.20	15.50	PK
11440	42.21	10.51	H	52.72	73.98	21.26	PK
11440	28.74	10.51	H	39.25	53.98	14.73	AV
17160	40.88	11.74	H	52.62	68.20	15.58	PK

Band :	UNII 3
Operation Mode:	802.11n_HT20
Transfer MCS Index:	MCS0
Operating Frequency	5745MHz
Channel No.	149 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11490	42.08	10.26	V	52.34	73.98	21.64	PK
11490	29.15	10.26	V	39.41	53.98	14.57	AV
17235	41.19	12.32	V	53.51	68.20	14.69	PK
11490	42.31	10.26	H	52.57	73.98	21.41	PK
11490	29.08	10.26	H	39.34	53.98	14.64	AV
17235	40.73	12.32	H	53.05	68.20	15.15	PK

Band :	UNII 3
Operation Mode:	802.11n_HT20
Transfer MCS Index:	MCS0
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11570	42.67	9.44	V	52.11	73.98	21.87	PK
11570	29.16	9.44	V	38.60	53.98	15.38	AV
17355	41.50	12.88	V	54.38	68.20	13.82	PK
11570	42.37	9.44	H	51.81	73.98	22.17	PK
11570	29.15	9.44	H	38.59	53.98	15.39	AV
17355	41.11	12.88	H	53.99	68.20	14.21	PK

Band :	UNII 3
Operation Mode:	802.11n_HT20
Transfer MCS Index:	MCS0
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11650	42.34	9.43	V	51.77	73.98	22.21	PK
11650	29.18	9.43	V	38.61	53.98	15.37	AV
17475	40.33	13.82	V	54.15	68.20	14.05	PK
11650	42.71	9.43	H	52.14	73.98	21.84	PK
11650	28.94	9.43	H	38.37	53.98	15.61	AV
17475	40.35	13.82	H	54.17	68.20	14.03	PK

Band :	UNII 4
Operation Mode:	802.11n_HT20
Transfer MCS Index:	MCS0
Operating Frequency	5845 MHz
Channel No.	169 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11690	43.64	9.38	V	53.02	73.98	20.96	PK
11690	29.16	9.38	V	38.54	53.98	15.44	AV
17535	40.46	14.37	V	54.83	68.20	13.37	PK
11690	42.24	9.38	H	51.62	73.98	22.36	PK
11690	29.02	9.38	H	38.40	53.98	15.58	AV
17535	40.43	14.37	H	54.80	68.20	13.40	PK

Band :	UNII 4
Operation Mode:	802.11n_HT20
Transfer MCS Index:	MCS0
Operating Frequency	5865 MHz
Channel No.	173 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11730	43.15	9.13	V	52.28	73.98	21.70	PK
11730	29.19	9.13	V	38.32	53.98	15.66	AV
17595	41.26	14.45	V	55.71	68.20	12.49	PK
11730	42.42	9.13	H	51.55	73.98	22.43	PK
11730	29.26	9.13	H	38.39	53.98	15.59	AV
17595	41.00	14.45	H	55.45	68.20	12.75	PK

Band :	UNII 4
Operation Mode:	802.11n_HT20
Transfer MCS Index:	MCS0
Operating Frequency	5885 MHz
Channel No.	177 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11770	42.93	9.01	V	51.94	73.98	22.04	PK
11770	29.71	9.01	V	38.72	53.98	15.26	AV
17655	41.19	14.92	V	56.11	68.20	12.09	PK
11770	43.17	9.01	H	52.18	73.98	21.80	PK
11770	29.79	9.01	H	38.80	53.98	15.18	AV
17655	40.92	14.92	H	55.84	68.20	12.36	PK

Band :	UNII 1
Operation Mode:	802.11ac_VHT20
Transfer MCS Index:	MCS0
Operating Frequency	5180 MHz
Channel No.	36 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10360	44.22	7.94	V	52.16	68.20	16.04	PK
15540	41.79	13.08	V	54.87	73.98	19.11	PK
15540	28.68	13.08	V	41.76	53.98	12.22	AV
10360	44.42	7.94	H	52.36	68.20	15.84	PK
15540	41.21	13.08	H	54.29	73.98	19.69	PK
15540	28.33	13.08	H	41.41	53.98	12.57	AV

Band :	UNII 1
Operation Mode:	802.11ac_VHT20
Transfer MCS Index:	MCS0
Operating Frequency	5200 MHz
Channel No.	40 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10400	43.86	7.89	V	51.75	68.20	16.45	PK
15600	41.72	13.09	V	54.81	73.98	19.17	PK
15600	28.27	13.09	V	41.36	53.98	12.62	AV
10400	44.25	7.89	H	52.14	68.20	16.06	PK
15600	40.52	13.09	H	53.61	73.98	20.37	PK
15600	27.77	13.09	H	40.86	53.98	13.12	AV

Band :	UNII 1
Operation Mode:	802.11ac_VHT20
Transfer MCS Index:	MCS0
Operating Frequency	5240 MHz
Channel No.	48 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10480	43.68	8.23	V	51.91	68.20	16.29	PK
15720	40.61	13.40	V	54.01	73.98	19.97	PK
15720	27.63	13.40	V	41.03	53.98	12.95	AV
10480	44.43	8.23	H	52.66	68.20	15.54	PK
15720	40.51	13.40	H	53.91	73.98	20.07	PK
15720	27.64	13.40	H	41.04	53.98	12.94	AV

Band :	UNII 2A
Operation Mode:	802.11ac_VHT20
Transfer MCS Index:	MCS0
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10520	43.46	8.82	V	52.28	68.20	15.92	PK
15780	40.76	13.53	V	54.29	73.98	19.69	PK
15780	27.70	13.53	V	41.23	53.98	12.75	AV
10520	43.21	8.82	H	52.03	68.20	16.17	PK
15780	41.22	13.53	H	54.75	73.98	19.23	PK
15780	27.75	13.53	H	41.28	53.98	12.70	AV

Band :	UNII 2A
Operation Mode:	802.11ac_VHT20
Transfer MCS Index:	MCS0
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10600	43.19	9.44	V	52.63	73.98	21.35	PK
10600	29.60	9.44	V	39.04	53.98	14.94	AV
15900	41.13	13.06	V	54.19	73.98	19.79	PK
15900	27.81	13.06	V	40.87	53.98	13.11	AV
10600	43.02	9.44	H	52.46	73.98	21.52	PK
10600	29.57	9.44	H	39.01	53.98	14.97	AV
15900	41.02	13.06	H	54.08	73.98	19.90	PK
15900	27.84	13.06	H	40.90	53.98	13.08	AV

Band :	UNII 2A
Operation Mode:	802.11ac_VHT20
Transfer MCS Index:	MCS0
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10640	43.22	9.48	V	52.70	73.98	21.28	PK
10640	29.69	9.48	V	39.17	53.98	14.81	AV
15960	40.66	12.65	V	53.31	73.98	20.67	PK
15960	27.74	12.65	V	40.39	53.98	13.59	AV
10640	42.91	9.48	H	52.39	73.98	21.59	PK
10640	29.69	9.48	H	39.17	53.98	14.81	AV
15960	40.84	12.65	H	53.49	73.98	20.49	PK
15960	27.50	12.65	H	40.15	53.98	13.83	AV



Band :	UNII 2C
Operation Mode:	802.11ac_VHT20
Transfer MCS Index:	MCS0
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11000	42.40	9.40	V	51.80	73.98	22.18	PK
11000	29.35	9.40	V	38.75	53.98	15.23	AV
16500	41.93	11.61	V	53.54	68.20	14.66	PK
11000	42.77	9.40	H	52.17	73.98	21.81	PK
11000	29.19	9.40	H	38.59	53.98	15.39	AV
16500	41.95	11.61	H	53.56	68.20	14.64	PK

Band :	UNII 2C
Operation Mode:	802.11ac_VHT20
Transfer MCS Index:	MCS0
Operating Frequency	5600 MHz
Channel No.	120 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11200	42.31	9.91	V	52.22	73.98	21.76	PK
11200	29.18	9.91	V	39.09	53.98	14.89	AV
16800	41.26	11.21	V	52.47	68.20	15.73	PK
11200	42.06	9.91	H	51.97	73.98	22.01	PK
11200	29.10	9.91	H	39.01	53.98	14.97	AV
16800	41.63	11.21	H	52.84	68.20	15.36	PK

Band :	UNII 2C
Operation Mode:	802.11ac_VHT20
Transfer MCS Index:	MCS0
Operating Frequency	5720 MHz
Channel No.	144 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11440	42.69	10.51	V	53.20	73.98	20.78	PK
11440	28.91	10.51	V	39.42	53.98	14.56	AV
17160	40.74	11.74	V	52.48	68.20	15.72	PK
11440	42.37	10.51	H	52.88	73.98	21.10	PK
11440	28.93	10.51	H	39.44	53.98	14.54	AV
17160	41.44	11.74	H	53.18	68.20	15.02	PK

Band :	UNII 3
Operation Mode:	802.11ac_VHT20
Transfer MCS Index:	MCS0
Operating Frequency	5745MHz
Channel No.	149 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11490	42.19	10.26	V	52.45	73.98	21.53	PK
11490	29.01	10.26	V	39.27	53.98	14.71	AV
17235	41.29	12.32	V	53.61	68.20	14.59	PK
11490	42.65	10.26	H	52.91	73.98	21.07	PK
11490	29.06	10.26	H	39.32	53.98	14.66	AV
17235	41.12	12.32	H	53.44	68.20	14.76	PK

Band :	UNII 3
Operation Mode:	802.11ac_VHT20
Transfer MCS Index:	MCS0
Operating Frequency	5785 MHz
Channel No.	157 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11570	42.52	9.44	V	51.96	73.98	22.02	PK
11570	28.99	9.44	V	38.43	53.98	15.55	AV
17355	40.79	12.88	V	53.67	68.20	14.53	PK
11570	42.49	9.44	H	51.93	73.98	22.05	PK
11570	29.05	9.44	H	38.49	53.98	15.49	AV
17355	40.98	12.88	H	53.86	68.20	14.34	PK

Band :	UNII 3
Operation Mode:	802.11ac_VHT20
Transfer MCS Index:	MCS0
Operating Frequency	5825 MHz
Channel No.	165 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11650	42.56	9.43	V	51.99	73.98	21.99	PK
11650	28.95	9.43	V	38.38	53.98	15.60	AV
17475	40.56	13.82	V	54.38	68.20	13.82	PK
11650	42.39	9.43	H	51.82	73.98	22.16	PK
11650	29.00	9.43	H	38.43	53.98	15.55	AV
17475	40.15	13.82	H	53.97	68.20	14.23	PK

Band :	UNII 4
Operation Mode:	802.11ac_VHT20
Transfer MCS Index:	MCS0
Operating Frequency	5845 MHz
Channel No.	169 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11690	42.56	9.38	V	51.94	73.98	22.04	PK
11690	29.30	9.38	V	38.68	53.98	15.30	AV
17535	40.78	14.37	V	55.15	68.20	13.05	PK
11690	42.23	9.38	H	51.61	73.98	22.37	PK
11690	28.95	9.38	H	38.33	53.98	15.65	AV
17535	40.26	14.37	H	54.63	68.20	13.57	PK

Band :	UNII 4
Operation Mode:	802.11ac_VHT20
Transfer MCS Index:	MCS0
Operating Frequency	5865 MHz
Channel No.	173 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11730	42.13	9.13	V	51.26	73.98	22.72	PK
11730	29.12	9.13	V	38.25	53.98	15.73	AV
17595	41.16	14.45	V	55.61	68.20	12.59	PK
11730	42.72	9.13	H	51.85	73.98	22.13	PK
11730	29.18	9.13	H	38.31	53.98	15.67	AV
17595	41.33	14.45	H	55.78	68.20	12.42	PK

Band :	UNII 4
Operation Mode:	802.11ac_VHT20
Transfer MCS Index:	MCS0
Operating Frequency	5885 MHz
Channel No.	177 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11770	42.80	9.01	V	51.81	73.98	22.17	PK
11770	29.59	9.01	V	38.60	53.98	15.38	AV
17655	41.19	14.92	V	56.11	68.20	12.09	PK
11770	43.03	9.01	H	52.04	73.98	21.94	PK
11770	29.74	9.01	H	38.75	53.98	15.23	AV
17655	41.31	14.92	H	56.23	68.20	11.97	PK

**[Open mode]**

Band :	UNII 3
Operation Mode:	802.11n_HT40
Transfer MCS Index:	MCS0
Operating Frequency	5755 MHz
Channel No.	151 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11510	42.56	10.15	V	52.71	73.98	21.27	PK
11510	29.80	10.15	V	39.95	53.98	14.03	AV
17265	40.41	12.24	V	52.65	68.20	15.55	PK
11510	42.20	10.15	H	52.35	73.98	21.63	PK
11510	29.64	10.15	H	39.79	53.98	14.19	AV
17265	40.81	12.24	H	53.05	68.20	15.15	PK

Band :	UNII 3
Operation Mode:	802.11n_HT40
Transfer MCS Index:	MCS0
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11590	42.47	9.55	V	52.02	73.98	21.96	PK
11590	29.78	9.55	V	39.33	53.98	14.65	AV
17385	40.77	13.09	V	53.86	68.20	14.34	PK
11590	42.23	9.55	H	51.78	73.98	22.20	PK
11590	29.66	9.55	H	39.21	53.98	14.77	AV
17385	40.63	13.09	H	53.72	68.20	14.48	PK

Band :	UNII 4
Operation Mode:	802.11n_HT40
Transfer MCS Index:	MCS0
Operating Frequency	5835 MHz
Channel No.	167 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11670	42.18	9.42	V	51.60	73.98	22.38	PK
11670	29.75	9.42	V	39.17	53.98	14.81	AV
17505	40.25	14.03	V	54.28	68.20	13.92	PK
11670	41.97	9.42	H	51.39	73.98	22.59	PK
11670	29.47	9.42	H	38.89	53.98	15.09	AV
17505	40.80	14.03	H	54.83	68.20	13.37	PK

Band :	UNII 4
Operation Mode:	802.11n_HT40
Transfer MCS Index:	MCS0
Operating Frequency	5875 MHz
Channel No.	175 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11750	42.39	9.17	V	51.56	73.98	22.42	PK
11750	30.39	9.17	V	39.56	53.98	14.42	AV
17625	41.58	14.89	V	56.47	68.20	11.73	PK
11750	42.23	9.17	H	51.40	73.98	22.58	PK
11750	30.42	9.17	H	39.59	53.98	14.39	AV
17625	41.57	14.89	H	56.46	68.20	11.74	PK

[Open mode]

Band :	UNII 3
Operation Mode:	802.11ac_VHT40
Transfer MCS Index:	MCS0
Operating Frequency	5755 MHz
Channel No.	151 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11510	42.76	10.15	V	52.91	73.98	21.07	PK
11510	29.89	10.15	V	40.04	53.98	13.94	AV
17265	40.46	12.24	V	52.70	68.20	15.50	PK
11510	41.98	10.15	H	52.13	73.98	21.85	PK
11510	29.80	10.15	H	39.95	53.98	14.03	AV
17265	40.56	12.24	H	52.80	68.20	15.40	PK

Band :	UNII 3
Operation Mode:	802.11ac_VHT40
Transfer MCS Index:	MCS0
Operating Frequency	5795 MHz
Channel No.	159 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11590	42.96	9.55	V	52.51	73.98	21.47	PK
11590	29.63	9.55	V	39.18	53.98	14.80	AV
17385	40.17	13.09	V	53.26	68.20	14.94	PK
11590	42.02	9.55	H	51.57	73.98	22.41	PK
11590	29.59	9.55	H	39.14	53.98	14.84	AV
17385	40.83	13.09	H	53.92	68.20	14.28	PK



Band :	UNII 4
Operation Mode:	802.11ac_VHT40
Transfer MCS Index:	MCS0
Operating Frequency	5835 MHz
Channel No.	167 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11670	42.46	9.42	V	51.88	73.98	22.10	PK
11670	29.72	9.42	V	39.14	53.98	14.84	AV
17505	40.30	14.03	V	54.33	68.20	13.87	PK
11670	42.24	9.42	H	51.66	73.98	22.32	PK
11670	29.56	9.42	H	38.98	53.98	15.00	AV
17505	40.49	14.03	H	54.52	68.20	13.68	PK

Band :	UNII 4
Operation Mode:	802.11ac_VHT40
Transfer MCS Index:	MCS0
Operating Frequency	5875 MHz
Channel No.	175 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11750	42.37	9.17	V	51.54	73.98	22.44	PK
11750	30.24	9.17	V	39.41	53.98	14.57	AV
17625	40.74	14.89	V	55.63	68.20	12.57	PK
11750	42.74	9.17	H	51.91	73.98	22.07	PK
11750	30.16	9.17	H	39.33	53.98	14.65	AV
17625	41.21	14.89	H	56.10	68.20	12.10	PK

[Open mode]

Band :	UNII 3
Operation Mode:	802.11ac_VHT80
Transfer MCS Index:	MCS0
Operating Frequency	5775 MHz
Channel No.	155 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11550	42.17	9.72	V	51.89	73.98	22.09	PK
11550	30.36	9.72	V	40.08	53.98	13.90	AV
17325	40.94	12.69	V	53.63	68.20	14.57	PK
11550	42.53	9.72	H	52.25	73.98	21.73	PK
11550	30.22	9.72	H	39.94	53.98	14.04	AV
17325	40.92	12.69	H	53.61	68.20	14.59	PK

Band :	UNII 4
Operation Mode:	802.11ac_VHT80
Transfer MCS Index:	MCS0
Operating Frequency	5855 MHz
Channel No.	171 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11710	42.64	9.32	V	51.96	73.98	22.02	PK
11710	30.37	9.32	V	39.69	53.98	14.29	AV
17565	40.71	14.20	V	54.91	68.20	13.29	PK
11710	42.38	9.32	H	51.70	73.98	22.28	PK
11710	30.35	9.32	H	39.67	53.98	14.31	AV
17565	40.91	14.20	H	55.11	68.20	13.09	PK

[Open mode]

Band :	UNII 3&4
Operation Mode:	802.11ac_VHT160
Transfer MCS Index:	MCS0
Operating Frequency	5815 MHz
Channel No.	163 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11630	42.36	9.32	V	51.68	73.98	22.30	PK
11630	30.53	9.32	V	39.85	53.98	14.13	AV
17445	40.89	13.76	V	54.65	68.20	13.55	PK
11630	42.24	9.32	H	51.56	73.98	22.42	PK
11630	30.23	9.32	H	39.55	53.98	14.43	AV
17445	40.40	13.76	H	54.16	68.20	14.04	PK

**[Half-open mode]**

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10360	44.08	7.94	V	52.02	68.20	16.18	PK
15540	41.60	13.08	V	54.68	73.98	19.30	PK
15540	28.78	13.08	V	41.86	53.98	12.12	AV
10360	44.06	7.94	H	52.00	68.20	16.20	PK
15540	42.13	13.08	H	55.21	73.98	18.77	PK
15540	28.95	13.08	H	42.03	53.98	11.95	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10400	44.16	7.89	V	52.05	68.20	16.15	PK
15600	41.20	13.09	V	54.29	73.98	19.69	PK
15600	28.43	13.09	V	41.52	53.98	12.46	AV
10400	44.09	7.89	H	51.98	68.20	16.22	PK
15600	41.46	13.09	H	54.55	73.98	19.43	PK
15600	28.18	13.09	H	41.27	53.98	12.71	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10480	44.00	8.23	V	52.23	68.20	15.97	PK
15720	40.90	13.40	V	54.30	73.98	19.68	PK
15720	27.60	13.40	V	41.00	53.98	12.98	AV
10480	43.53	8.23	H	51.76	68.20	16.44	PK
15720	40.54	13.40	H	53.94	73.98	20.04	PK
15720	27.91	13.40	H	41.31	53.98	12.67	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10520	43.58	8.82	V	52.40	68.20	15.80	PK
15780	40.96	13.53	V	54.49	73.98	19.49	PK
15780	27.61	13.53	V	41.14	53.98	12.84	AV
10520	43.61	8.82	H	52.43	68.20	15.77	PK
15780	41.07	13.53	H	54.60	73.98	19.38	PK
15780	28.01	13.53	H	41.54	53.98	12.44	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10600	42.79	9.44	V	52.23	73.98	21.75	PK
10600	29.91	9.44	V	39.35	53.98	14.63	AV
15900	40.72	13.06	V	53.78	73.98	20.20	PK
15900	27.61	13.06	V	40.67	53.98	13.31	AV
10600	43.67	9.44	H	53.11	73.98	20.87	PK
10600	29.57	9.44	H	39.01	53.98	14.97	AV
15900	41.13	13.06	H	54.19	73.98	19.79	PK
15900	27.61	13.06	H	40.67	53.98	13.31	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10640	42.81	9.48	V	52.29	73.98	21.69	PK
10640	29.54	9.48	V	39.02	53.98	14.96	AV
15960	41.11	12.65	V	53.76	73.98	20.22	PK
15960	27.61	12.65	V	40.26	53.98	13.72	AV
10640	42.90	9.48	H	52.38	73.98	21.60	PK
10640	29.34	9.48	H	38.82	53.98	15.16	AV
15960	41.09	12.65	H	53.74	73.98	20.24	PK
15960	27.80	12.65	H	40.45	53.98	13.53	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11000	42.60	9.40	V	52.00	73.98	21.98	PK
11000	29.33	9.40	V	38.73	53.98	15.25	AV
16500	41.93	11.61	V	53.54	68.20	14.66	PK
11000	42.53	9.40	H	51.93	73.98	22.05	PK
11000	29.13	9.40	H	38.53	53.98	15.45	AV
16500	41.62	11.61	H	53.23	68.20	14.97	PK

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11200	42.58	9.91	V	52.49	73.98	21.49	PK
11200	29.17	9.91	V	39.08	53.98	14.90	AV
16800	41.75	11.21	V	52.96	68.20	15.24	PK
11200	42.17	9.91	H	52.08	73.98	21.90	PK
11200	29.15	9.91	H	39.06	53.98	14.92	AV
16800	41.72	11.21	H	52.93	68.20	15.27	PK

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11440	42.16	10.51	V	52.67	73.98	21.31	PK
11440	29.06	10.51	V	39.57	53.98	14.41	AV
17160	41.40	11.74	V	53.14	68.20	15.06	PK
11440	41.82	10.51	H	52.33	73.98	21.65	PK
11440	28.84	10.51	H	39.35	53.98	14.63	AV
17160	41.26	11.74	H	53.00	68.20	15.20	PK

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11490	41.96	10.26	V	52.22	73.98	21.76	PK
11490	29.12	10.26	V	39.38	53.98	14.60	AV
17235	40.51	12.32	V	52.83	68.20	15.37	PK
11490	42.01	10.26	H	52.27	73.98	21.71	PK
11490	29.09	10.26	H	39.35	53.98	14.63	AV
17235	41.14	12.32	H	53.46	68.20	14.74	PK



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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11570	42.42	9.44	V	51.86	73.98	22.12	PK
11570	29.08	9.44	V	38.52	53.98	15.46	AV
17355	40.54	12.88	V	53.42	68.20	14.78	PK
11570	42.55	9.44	H	51.99	73.98	21.99	PK
11570	29.31	9.44	H	38.75	53.98	15.23	AV
17355	41.53	12.88	H	54.41	68.20	13.79	PK

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11650	42.49	9.43	V	51.92	73.98	22.06	PK
11650	29.05	9.43	V	38.48	53.98	15.50	AV
17475	40.55	13.82	V	54.37	68.20	13.83	PK
11650	43.00	9.43	H	52.43	73.98	21.55	PK
11650	29.00	9.43	H	38.43	53.98	15.55	AV
17475	40.97	13.82	H	54.79	68.20	13.41	PK

Band :	UNII 4
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5845 MHz
Channel No.	169 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11690	42.56	9.38	V	51.94	73.98	22.04	PK
11690	29.19	9.38	V	38.57	53.98	15.41	AV
17535	40.21	14.37	V	54.58	68.20	13.62	PK
11690	42.99	9.38	H	52.37	73.98	21.61	PK
11690	28.96	9.38	H	38.34	53.98	15.64	AV
17535	40.23	14.37	H	54.60	68.20	13.60	PK

Band :	UNII 4
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5865 MHz
Channel No.	173 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11730	42.64	9.13	V	51.77	73.98	22.21	PK
11730	29.19	9.13	V	38.32	53.98	15.66	AV
17595	40.99	14.45	V	55.44	68.20	12.76	PK
11730	42.70	9.13	H	51.83	73.98	22.15	PK
11730	29.17	9.13	H	38.30	53.98	15.68	AV
17595	40.86	14.45	H	55.31	68.20	12.89	PK

Band : UNII 4  
 Operation Mode: 802.11 a  
 Transfer Rate: 6 Mbps  
 Operating Frequency 5885 MHz  
 Channel No. 177 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11770	43.16	9.01	V	52.17	73.98	21.81	PK
11770	29.66	9.01	V	38.67	53.98	15.31	AV
17655	40.85	14.92	V	55.77	68.20	12.43	PK
11770	43.14	9.01	H	52.15	73.98	21.83	PK
11770	29.68	9.01	H	38.69	53.98	15.29	AV
17655	41.35	14.92	H	56.27	68.20	11.93	PK

**[Closed mode]**

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10360	43.77	7.94	V	51.71	68.20	16.49	PK
15540	41.21	13.08	V	54.29	73.98	19.69	PK
15540	28.35	13.08	V	41.43	53.98	12.55	AV
10360	44.49	7.94	H	52.43	68.20	15.77	PK
15540	41.93	13.08	H	55.01	73.98	18.97	PK
15540	27.89	13.08	H	40.97	53.98	13.01	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10400	44.93	7.89	V	52.82	68.20	15.38	PK
15600	41.29	13.09	V	54.38	73.98	19.60	PK
15600	27.96	13.09	V	41.05	53.98	12.93	AV
10400	44.13	7.89	H	52.02	68.20	16.18	PK
15600	41.02	13.09	H	54.11	73.98	19.87	PK
15600	28.36	13.09	H	41.45	53.98	12.53	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10480	44.06	8.23	V	52.29	68.20	15.91	PK
15720	40.60	13.40	V	54.00	73.98	19.98	PK
15720	27.36	13.40	V	40.76	53.98	13.22	AV
10480	43.91	8.23	H	52.14	68.20	16.06	PK
15720	40.58	13.40	H	53.98	73.98	20.00	PK
15720	27.57	13.40	H	40.97	53.98	13.01	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10520	44.22	8.82	V	53.04	68.20	15.16	PK
15780	41.48	13.53	V	55.01	73.98	18.97	PK
15780	27.39	13.53	V	40.92	53.98	13.06	AV
10520	43.57	8.82	H	52.39	68.20	15.81	PK
15780	40.66	13.53	H	54.19	73.98	19.79	PK
15780	27.29	13.53	H	40.82	53.98	13.16	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10600	43.51	9.44	V	52.95	73.98	21.03	PK
10600	29.64	9.44	V	39.08	53.98	14.90	AV
15900	40.59	13.06	V	53.65	73.98	20.33	PK
15900	27.73	13.06	V	40.79	53.98	13.19	AV
10600	42.79	9.44	H	52.23	73.98	21.75	PK
10600	29.52	9.44	H	38.96	53.98	15.02	AV
15900	40.89	13.06	H	53.95	73.98	20.03	PK
15900	27.58	13.06	H	40.64	53.98	13.34	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
10640	43.17	9.48	V	52.65	73.98	21.33	PK
10640	29.49	9.48	V	38.97	53.98	15.01	AV
15960	40.97	12.65	V	53.62	73.98	20.36	PK
15960	27.68	12.65	V	40.33	53.98	13.65	AV
10640	42.51	9.48	H	51.99	73.98	21.99	PK
10640	29.34	9.48	H	38.82	53.98	15.16	AV
15960	40.53	12.65	H	53.18	73.98	20.80	PK
15960	27.49	12.65	H	40.14	53.98	13.84	AV

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11000	42.19	9.40	V	51.59	73.98	22.39	PK
11000	29.28	9.40	V	38.68	53.98	15.30	AV
16500	41.85	11.61	V	53.46	68.20	14.74	PK
11000	42.80	9.40	H	52.20	73.98	21.78	PK
11000	29.10	9.40	H	38.50	53.98	15.48	AV
16500	41.48	11.61	H	53.09	68.20	15.11	PK

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11200	42.32	9.91	V	52.23	73.98	21.75	PK
11200	29.13	9.91	V	39.04	53.98	14.94	AV
16800	41.46	11.21	V	52.67	68.20	15.53	PK
11200	42.38	9.91	H	52.29	73.98	21.69	PK
11200	29.08	9.91	H	38.99	53.98	14.99	AV
16800	41.38	11.21	H	52.59	68.20	15.61	PK

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11440	42.08	10.51	V	52.59	73.98	21.39	PK
11440	28.81	10.51	V	39.32	53.98	14.66	AV
17160	41.21	11.74	V	52.95	68.20	15.25	PK
11440	41.95	10.51	H	52.46	73.98	21.52	PK
11440	28.71	10.51	H	39.22	53.98	14.76	AV
17160	41.23	11.74	H	52.97	68.20	15.23	PK

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11490	41.99	10.26	V	52.25	73.98	21.73	PK
11490	29.08	10.26	V	39.34	53.98	14.64	AV
17235	40.75	12.32	V	53.07	68.20	15.13	PK
11490	42.50	10.26	H	52.76	73.98	21.22	PK
11490	28.97	10.26	H	39.23	53.98	14.75	AV
17235	40.89	12.32	H	53.21	68.20	14.99	PK



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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11570	41.98	9.44	V	51.42	73.98	22.56	PK
11570	29.13	9.44	V	38.57	53.98	15.41	AV
17355	41.16	12.88	V	54.04	68.20	14.16	PK
11570	42.02	9.44	H	51.46	73.98	22.52	PK
11570	29.03	9.44	H	38.47	53.98	15.51	AV
17355	40.41	12.88	H	53.29	68.20	14.91	PK

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

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11650	42.33	9.43	V	51.76	73.98	22.22	PK
11650	29.02	9.43	V	38.45	53.98	15.53	AV
17475	40.80	13.82	V	54.62	68.20	13.58	PK
11650	42.24	9.43	H	51.67	73.98	22.31	PK
11650	28.91	9.43	H	38.34	53.98	15.64	AV
17475	40.54	13.82	H	54.36	68.20	13.84	PK

Band :	UNII 4
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5845 MHz
Channel No.	169 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11690	43.07	9.38	V	52.45	73.98	21.53	PK
11690	29.09	9.38	V	38.47	53.98	15.51	AV
17535	41.24	14.37	V	55.61	68.20	12.59	PK
11690	42.73	9.38	H	52.11	73.98	21.87	PK
11690	28.98	9.38	H	38.36	53.98	15.62	AV
17535	40.88	14.37	H	55.25	68.20	12.95	PK

Band :	UNII 4
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5865 MHz
Channel No.	173 Ch

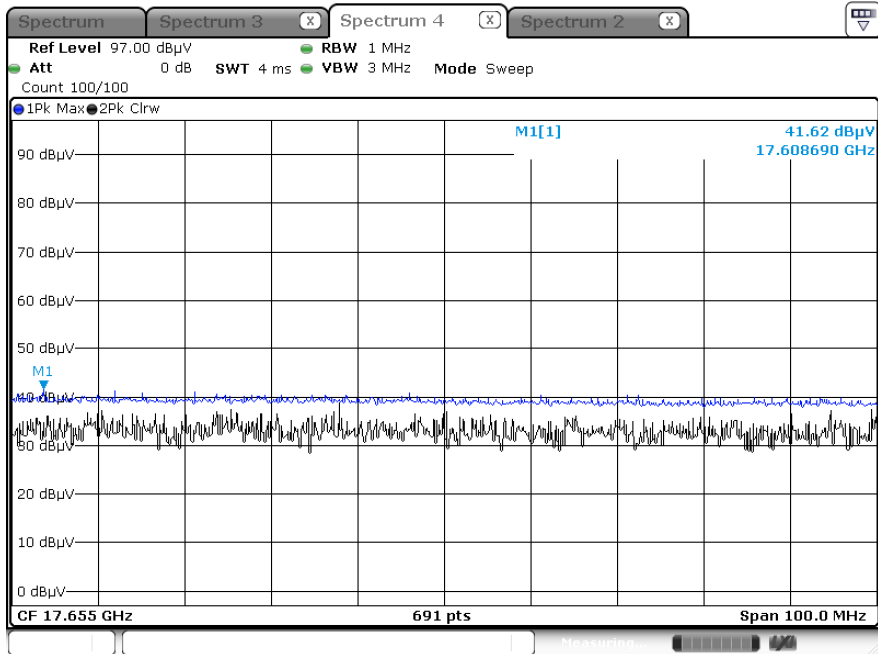
Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11730	42.26	9.13	V	51.39	73.98	22.59	PK
11730	29.13	9.13	V	38.26	53.98	15.72	AV
17595	40.70	14.45	V	55.15	68.20	13.05	PK
11730	42.28	9.13	H	51.41	73.98	22.57	PK
11730	29.07	9.13	H	38.20	53.98	15.78	AV
17595	41.08	14.45	H	55.53	68.20	12.67	PK

Band :	UNII 4
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5885 MHz
Channel No.	177 Ch

Frequency [MHz]	Measured Value [dB $\mu$ V]	C.L+A.F+ D.F-A.G [dB/m]	POL [H/V]	Total [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Measurement Type
11770	42.39	9.01	V	51.40	73.98	22.58	PK
11770	29.78	9.01	V	38.79	53.98	15.19	AV
17655	41.05	14.92	V	55.97	68.20	12.23	PK
11770	42.49	9.01	H	51.50	73.98	22.48	PK
11770	29.72	9.01	H	38.73	53.98	15.25	AV
17655	41.07	14.92	H	55.99	68.20	12.21	PK

**Test Plots****[MIMO\_CDD(Ant1+Ant2)]****[open mode]**

Radiated Spurious Emissions plot – Peak Result (802.11a, Ch.177 Spurious Emissions, Y-V)

**Note:**

Only the worst case plots for Radiated Spurious Emissions.

### 10.9 RADIATED RESTRICTED BAND EDGE

[MIMO\_CDD(Ant1+Ant2)]

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	[dB]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
5150	45.09	8.70	H	53.79	73.98	20.19	PK
5150	31.25	8.70	H	39.95	53.98	14.03	AV
5150	44.96	8.70	V	53.655	73.98	20.33	PK
5150	31.02	8.70	V	39.72	53.98	14.26	AV

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	[dB]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
5350	48.55	8.50	H	57.05	73.98	16.93	PK
5350	32.01	8.50	H	40.51	53.98	13.47	AV
5350	48.79	8.50	V	57.29	73.98	16.69	PK
5350	32.18	8.50	V	40.68	53.98	13.30	AV

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dB $\mu$ V]	[dB]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]	
5460	43.02	9.03	H	52.05	73.98	21.93	PK
5460	28.90	9.03	H	37.93	53.98	16.05	AV
5470	42.75	9.03	H	51.78	68.20	16.42	PK
5460	42.88	9.03	V	51.91	73.98	22.07	PK
5460	28.62	9.03	V	37.65	53.98	16.33	AV
5470	42.55	9.03	V	51.58	68.20	16.62	PK

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dB $\mu$ V]	[dB]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]	
5150	44.95	8.70	H	53.65	73.98	20.33	PK
5150	31.25	8.70	H	39.95	53.98	14.03	AV
5150	44.71	8.70	V	53.41	73.98	20.57	PK
5150	31.01	8.70	V	39.71	53.98	14.27	AV

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dB $\mu$ V]	[dB]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]	
5350	48.41	8.50	H	56.91	73.98	17.07	PK
5350	31.85	8.50	H	40.35	53.98	13.63	AV
5350	48.62	8.50	V	57.12	73.98	16.86	PK
5350	32.02	8.50	V	40.52	53.98	13.46	AV

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dB $\mu$ V]	[dB]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]	
5460	42.20	9.03	H	51.23	73.98	22.75	PK
5460	29.00	9.03	H	38.03	53.98	15.95	AV
5470	42.24	9.03	H	51.27	68.20	16.93	PK
5460	41.89	9.03	V	50.92	73.98	23.06	PK
5460	28.85	9.03	V	37.88	53.98	16.10	AV
5470	42.01	9.03	V	51.04	68.20	17.16	PK



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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dB $\mu$ V]	[dB]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]	
5150	45.12	8.70	H	53.82	73.98	20.16	PK
5150	31.35	8.70	H	40.05	53.98	13.93	AV
5150	44.85	8.70	V	53.55	73.98	20.43	PK
5150	31.12	8.70	V	39.82	53.98	14.16	AV

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dB $\mu$ V]	[dB]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]	
5350	48.12	8.50	H	56.62	73.98	17.36	PK
5350	32.05	8.50	H	40.55	53.98	13.43	AV
5350	48.51	8.50	V	57.01	73.98	16.97	PK
5350	32.15	8.50	V	40.65	53.98	13.33	AV

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	[dB]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
5460	41.98	9.03	H	51.01	73.98	22.97	PK
5460	29.04	9.03	H	38.07	53.98	15.91	AV
5470	43.87	9.03	H	52.9	68.20	15.30	PK
5460	41.62	9.03	V	50.65	73.98	23.33	PK
5460	28.78	9.03	V	37.81	53.98	16.17	AV
5470	43.55	9.03	V	52.58	68.20	15.62	PK

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dB $\mu$ V]	[dB]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]	
5150	49.53	8.70	H	58.23	73.98	15.75	PK
5150	36.97	8.70	H	45.67	53.98	8.31	AV
5150	47.35	8.70	V	56.05	73.98	17.93	PK
5150	34.61	8.70	V	43.31	53.98	10.67	AV

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dB $\mu$ V]	[dB]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]	
5350	50.56	8.50	H	59.06	73.98	14.92	PK
5350	37.07	8.50	H	45.57	53.98	8.41	AV
5350	48.99	8.50	V	57.49	73.98	16.49	PK
5350	36.12	8.50	V	44.62	53.98	9.36	AV

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dB $\mu$ V]	[dB]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]	
5460	49.30	9.03	H	58.33	73.98	15.65	PK
5460	33.16	9.03	H	42.19	53.98	11.79	AV
5470	51.29	9.03	H	60.32	68.20	7.88	PK
5460	48.85	9.03	V	57.88	73.98	16.10	PK
5460	32.85	9.03	V	41.88	53.98	12.10	AV
5470	50.85	9.03	V	59.88	68.20	8.32	PK

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dB $\mu$ V]	[dB]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]	
5150	49.32	8.70	H	58.02	73.98	15.96	PK
5150	36.88	8.70	H	45.58	53.98	8.40	AV
5150	49.12	8.70	V	57.82	73.98	16.16	PK
5150	36.32	8.70	V	45.02	53.98	8.96	AV

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dB $\mu$ V]	[dB]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]	
5350	50.12	8.50	H	58.62	73.98	15.36	PK
5350	36.99	8.50	H	45.49	53.98	8.49	AV
5350	48.62	8.50	V	57.12	73.98	16.86	PK
5350	35.95	8.50	V	44.45	53.98	9.53	AV

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	[dB]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
5460	49.36	9.03	H	58.39	73.98	15.59	PK
5460	32.56	9.03	H	41.59	53.98	12.39	AV
5470	51.95	9.03	H	60.98	68.20	7.22	PK
5460	48.85	9.03	V	57.88	73.98	16.10	PK
5460	32.25	9.03	V	41.28	53.98	12.70	AV
5470	51.55	9.03	V	60.58	68.20	7.62	PK

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dB $\mu$ V]	[dB]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]	
5150	47.15	8.70	H	55.85	73.98	18.13	PK
5150	34.63	8.70	H	43.33	53.98	10.65	AV
5150	43.30	8.70	V	52.00	73.98	21.98	PK
5150	31.35	8.70	V	40.05	53.98	13.93	AV

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dB $\mu$ V]	[dB]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]	
5350	47.36	8.50	H	55.86	73.98	18.12	PK
5350	35.14	8.50	H	43.64	53.98	10.34	AV
5350	48.51	8.50	V	57.01	73.98	16.97	PK
5350	36.29	8.50	V	44.79	53.98	9.19	AV

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

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	[dB]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
5460	48.88	9.03	H	57.91	73.98	16.07	PK
5460	34.86	9.03	H	43.89	53.98	10.09	AV
5470	48.39	9.03	H	57.42	68.20	10.78	PK
5460	48.51	9.03	V	57.54	73.98	16.44	PK
5460	34.12	9.03	V	43.15	53.98	10.83	AV
5470	47.95	9.03	V	56.98	68.20	11.22	PK



Band :	UNII 1 & 2A
Operation Mode:	802.11 ac_VHT160(Lower)
Transfer MCS Index:	0
Operating Frequency	5250 MHz
Channel No.	50 Ch

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dB $\mu$ V]	[dB]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]	
5150	56.53	8.70	H	65.23	73.98	8.75	PK
5150	31.87	8.70	H	40.57	53.98	13.41	AV
5150	56.81	8.70	V	65.51	73.98	8.47	PK
5150	31.78	8.70	V	40.48	53.98	13.50	AV

Band :	UNII 1 & 2A
Operation Mode:	802.11 ac_VHT160(Upper)
Transfer MCS Index:	0
Operating Frequency	5250 MHz
Channel No.	50 Ch

Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dB $\mu$ V]	[dB]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]	
5350	57.45	8.50	H	65.95	73.98	8.03	PK
5350	32.42	8.50	H	40.92	53.98	13.06	AV
5350	57.08	8.50	V	65.58	73.98	8.40	PK
5350	31.31	8.50	V	39.81	53.98	14.17	AV

Band :	UNII 2C
Operation Mode:	802.11 ac_VHT160
Transfer MCS Index:	0
Operating Frequency	5570 MHz
Channel No.	114 Ch

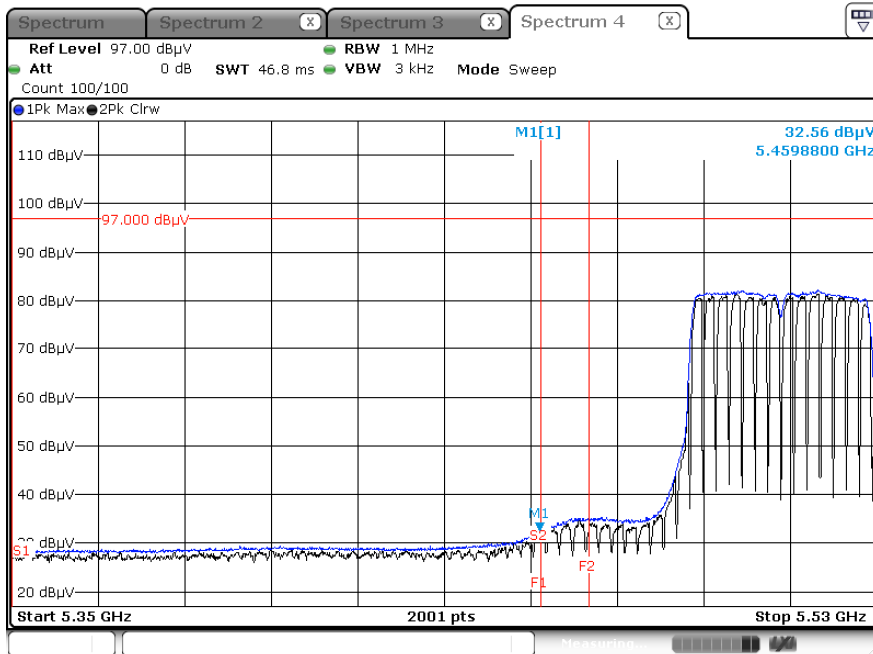
Frequency	Measured Value	C.L+A.F+ D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dB $\mu$ V]	[dB]	[H/V]	[dB $\mu$ V/m]	[dB $\mu$ V/m]	[dB]	
5460	53.92	9.03	H	62.95	73.98	11.03	PK
5460	31.03	9.03	H	40.06	53.98	13.92	AV
# 5470	46.94	9.03	H	55.97	68.20	12.23	PK
5460	57.29	9.03	V	66.32	73.98	7.66	PK
5460	31.97	9.03	V	41.00	53.98	12.98	AV
# 5470	48.43	9.03	V	57.46	68.20	10.74	PK

Note : # Integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

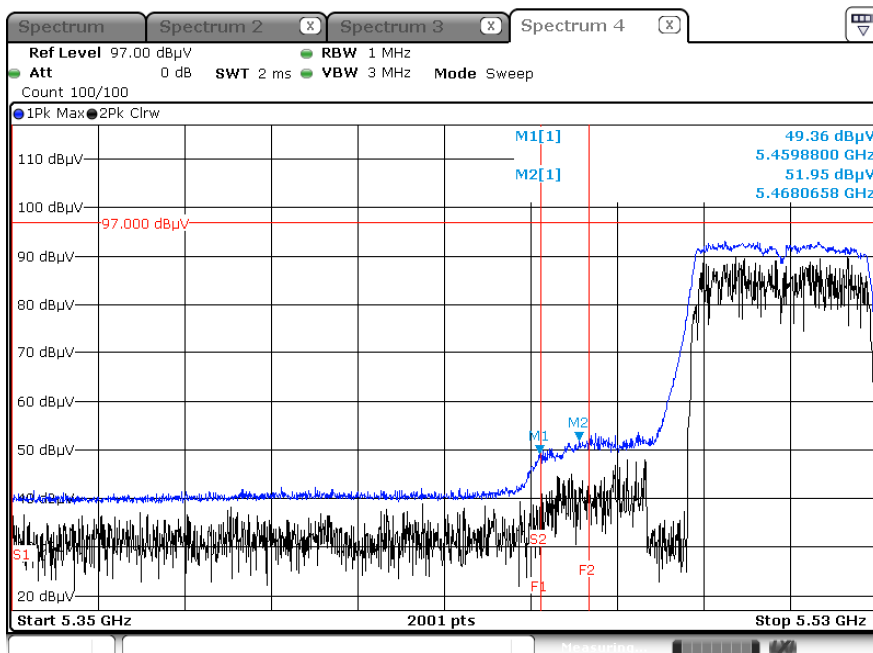
[MIMO\_CDD(Ant1+Ant2)]

▣ Test Plots(UNII 1, 2A, 2C)

Average Result (802.11 ac\_VHT40\_ MCS0, Ch.102, X-H)



Peak Result (802.11 ac\_VHT40\_ MCS0, Ch.102, X-H)

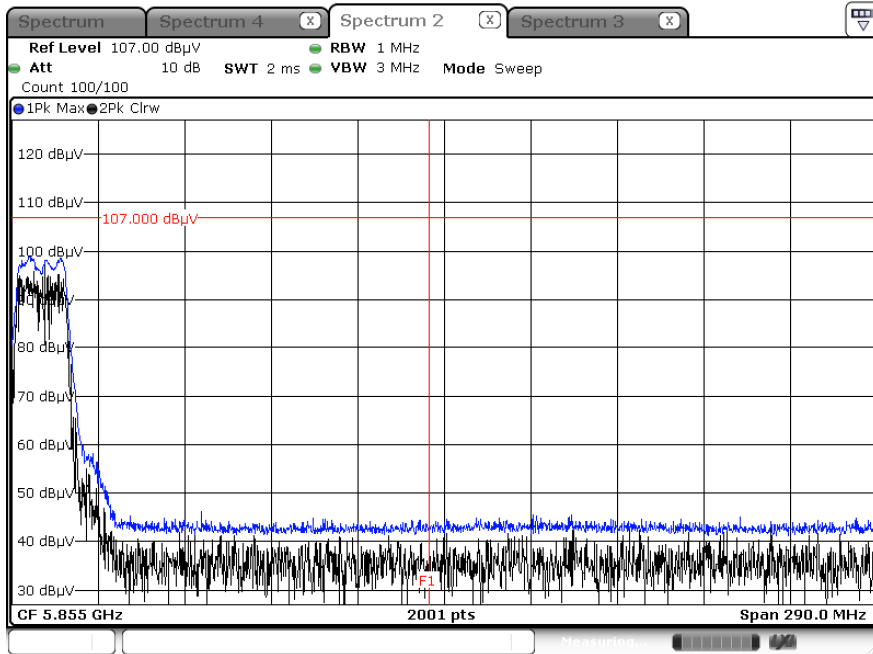


**Note:**

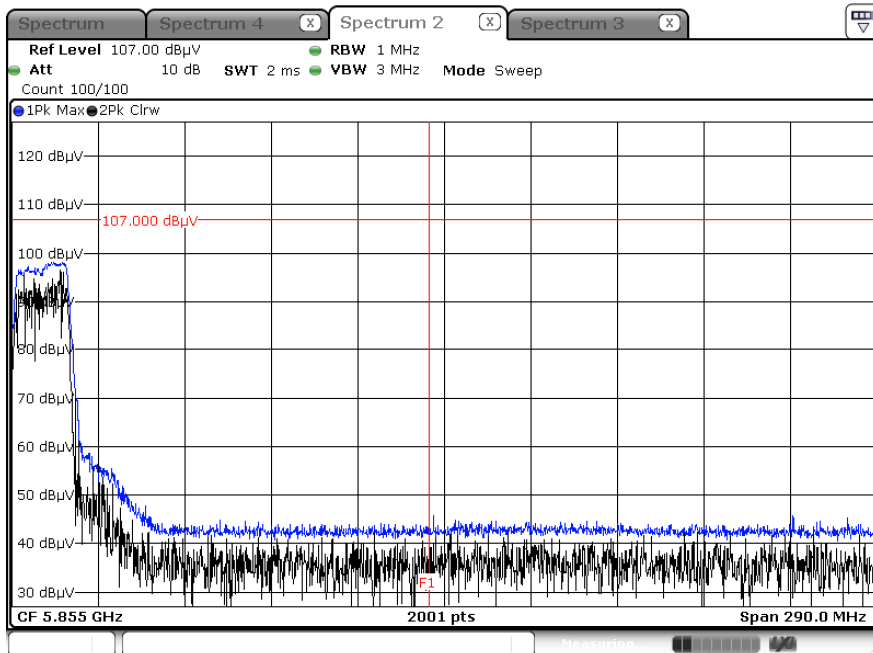
Only the worst case plots for Radiated Restricted Band Edge.

## Test Plots(Straddle Channel)

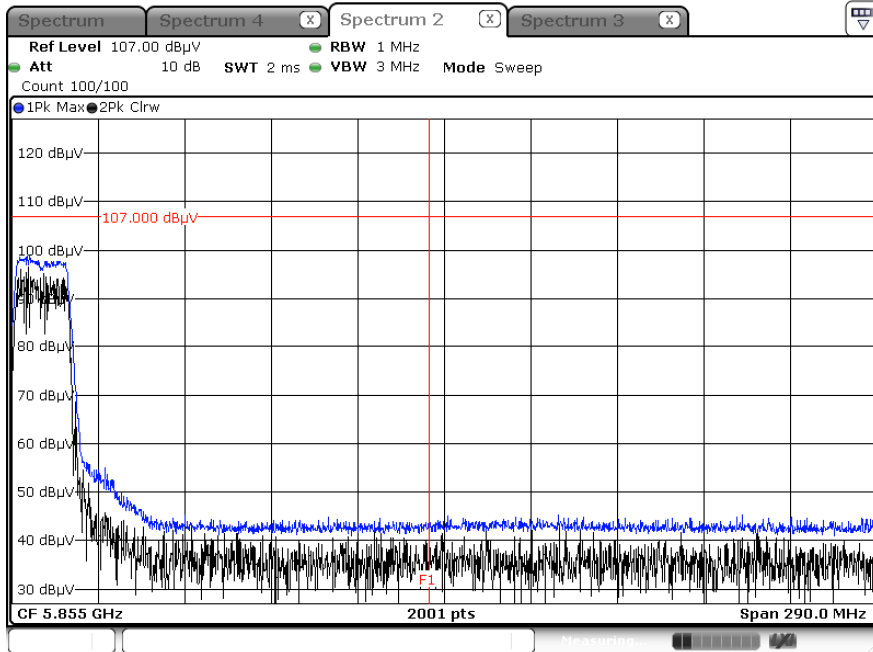
Peak Result (802.11a, Ch.144, X-H)



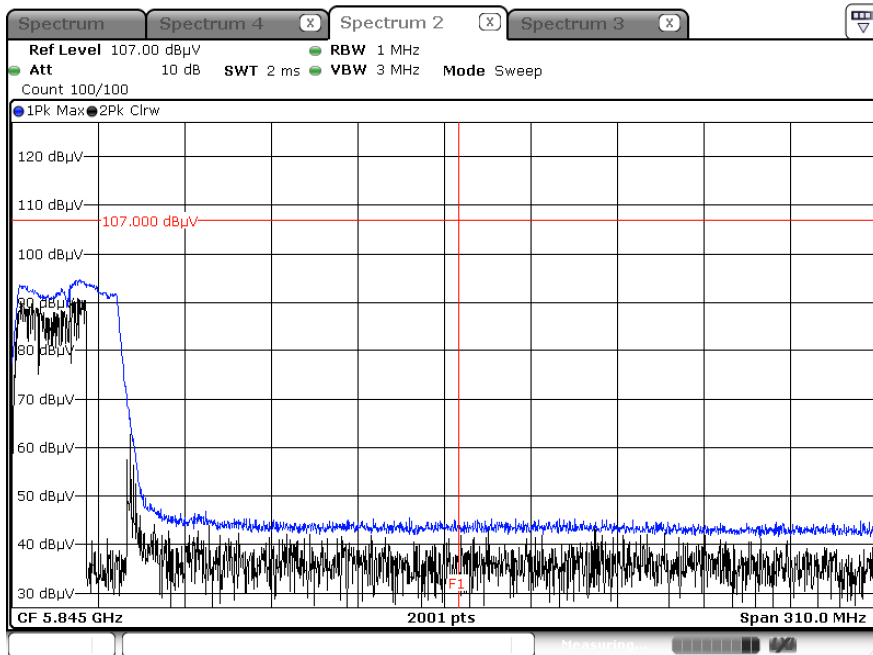
Peak Result (802.11n\_HT20, Ch.144, X-H)



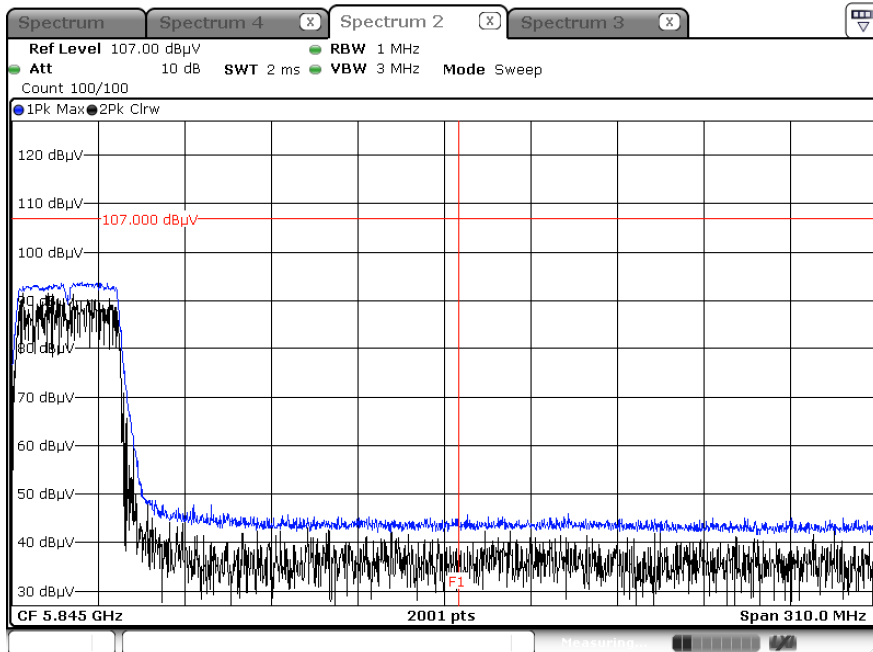
Peak Result (802.11ac\_VHT20, Ch.144, X-H)



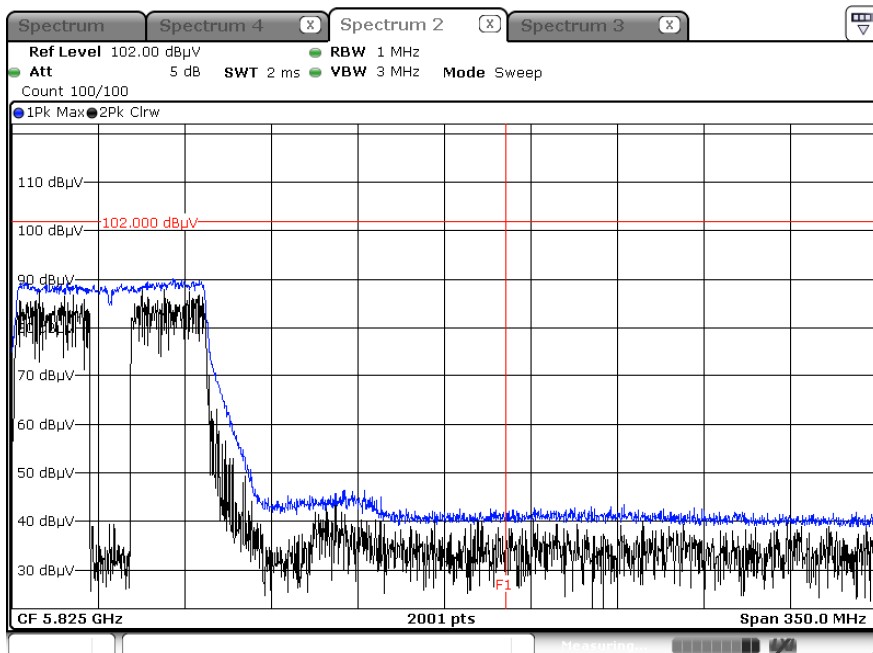
Peak Result (802.11n\_HT40, Ch.142, X-H)



Peak Result (802.11ac\_VHT40, Ch.142, X-H)



Peak Result (802.11ac\_VHT80, Ch.138, X-H)

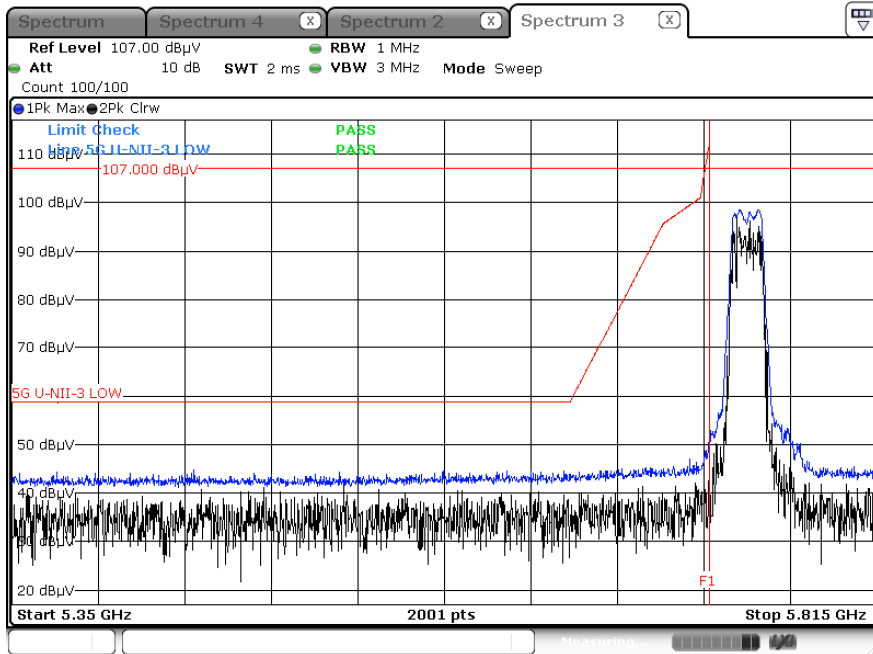


**Note :**

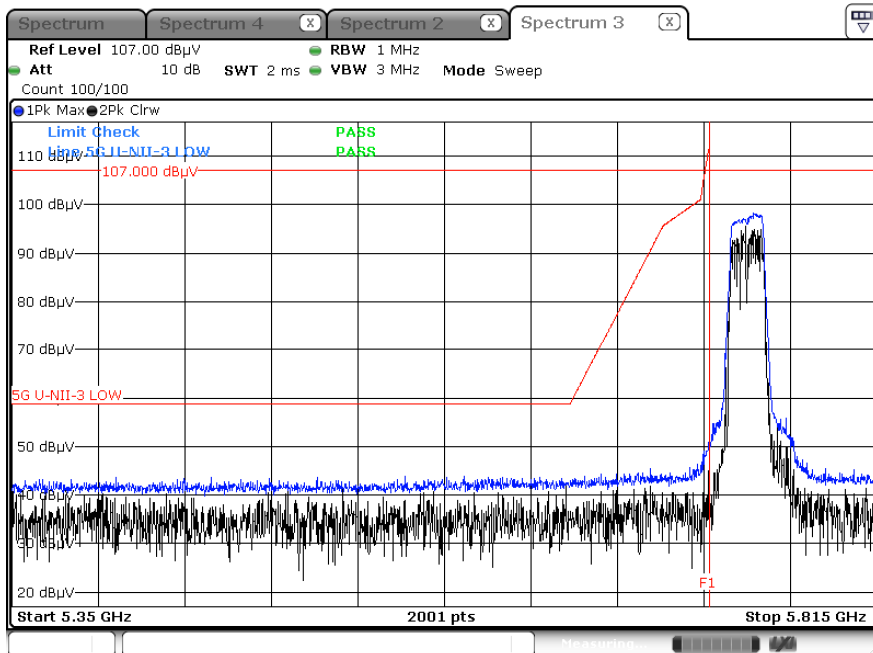
1. Only the worst case plots for Radiated Restricted Band Edge.
2. Red line : 5 850 MHz
3. Ambient Noise (Because of ambient noise, We attached only the worst plot without a data table)

▣ Test Plots(UNII 3)

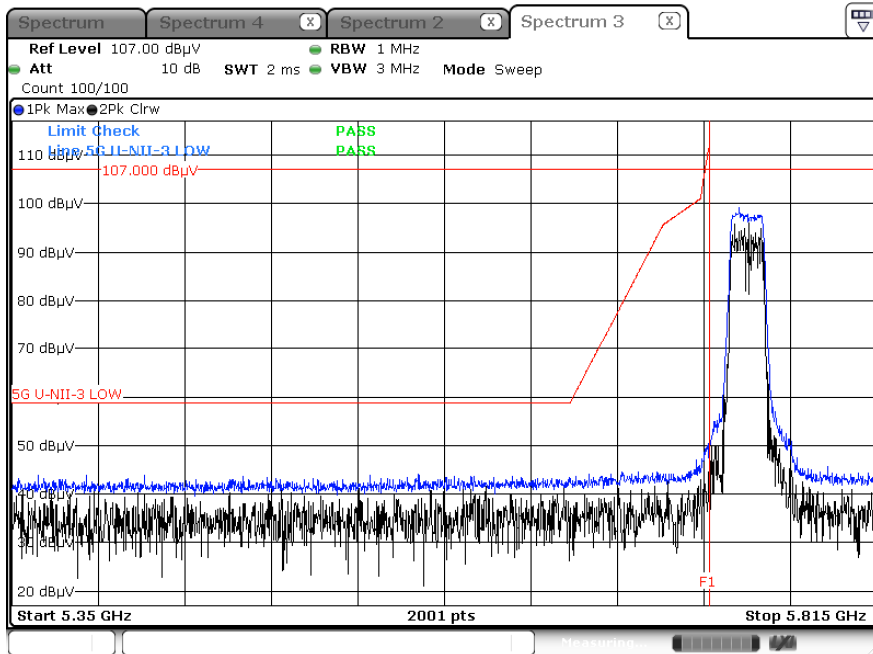
Peak Result (802.11a, Ch.149, X-H)



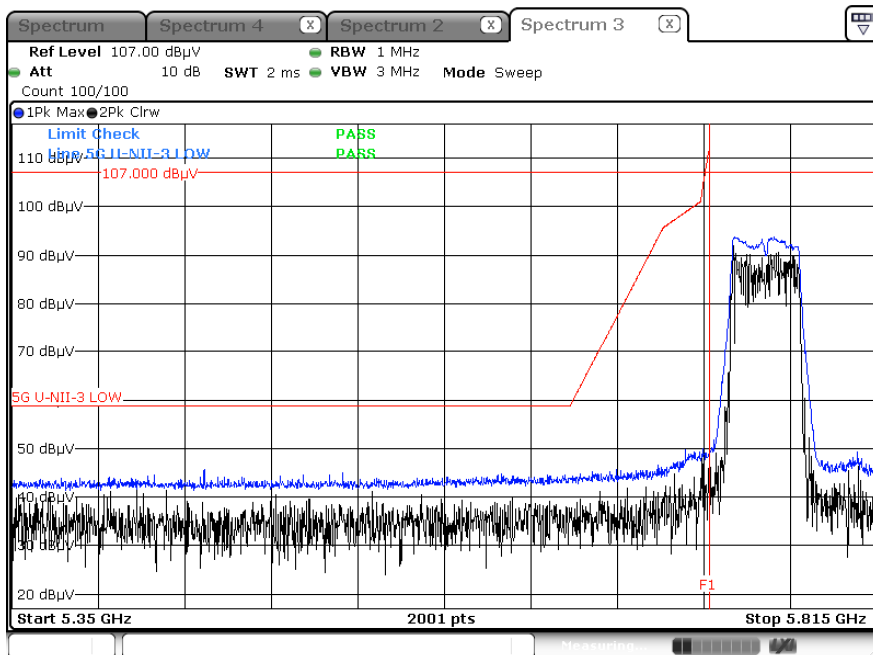
Peak Result (802.11n\_HT20, Ch.149, X-H)



Peak Result (802.11ac\_VHT20, Ch.149, X-H)

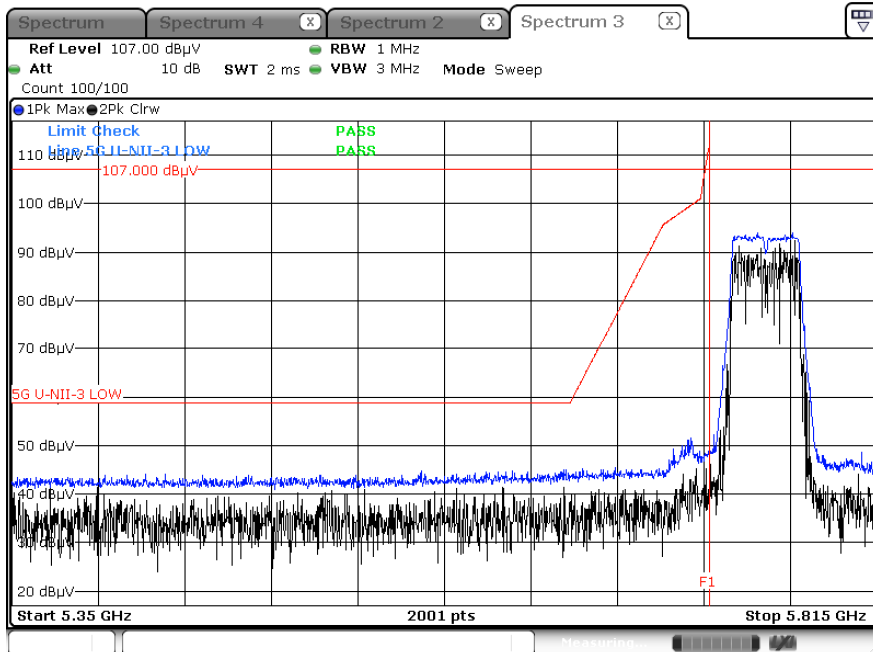


Peak Result (802.11n\_HT40, Ch.151, X-H)

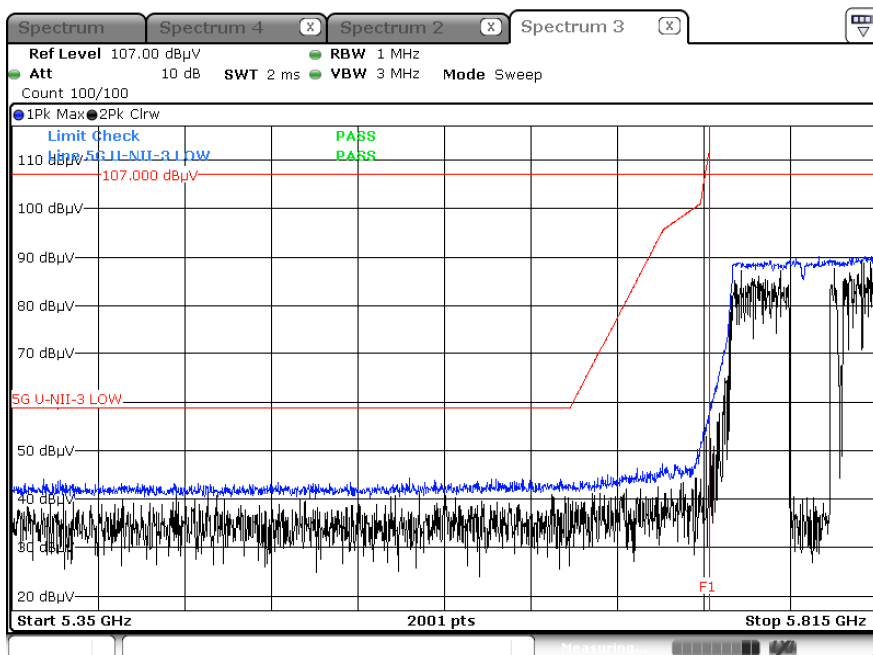




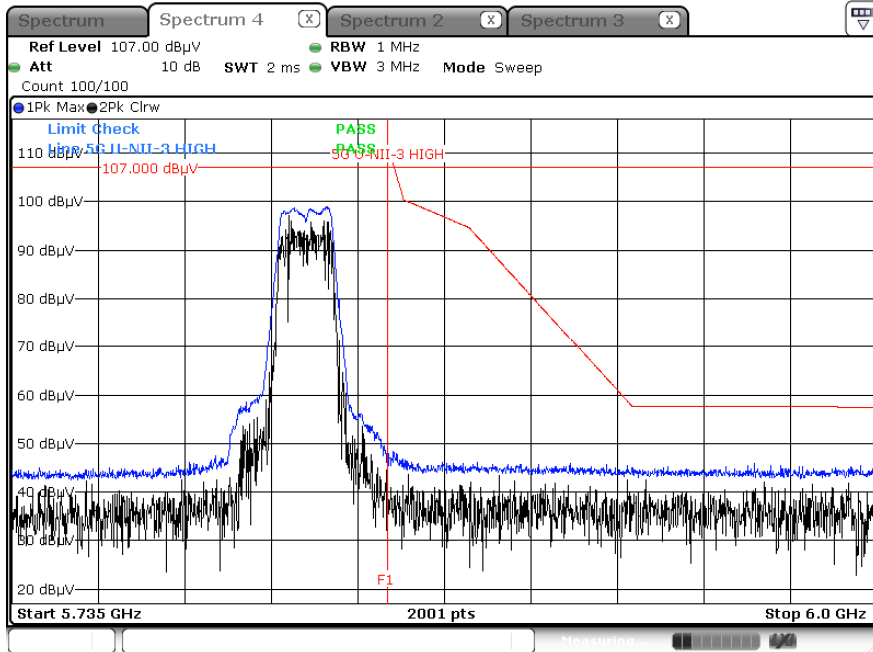
Peak Result (802.11ac\_VHT40, Ch.151, X-H)



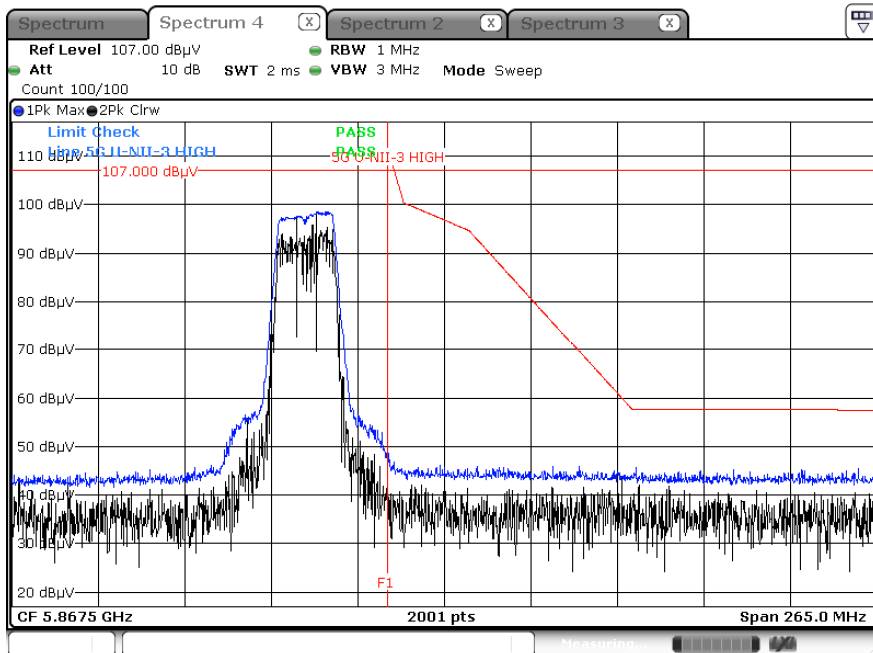
Peak Result (802.11ac\_VHT80, Ch.155, X-H)



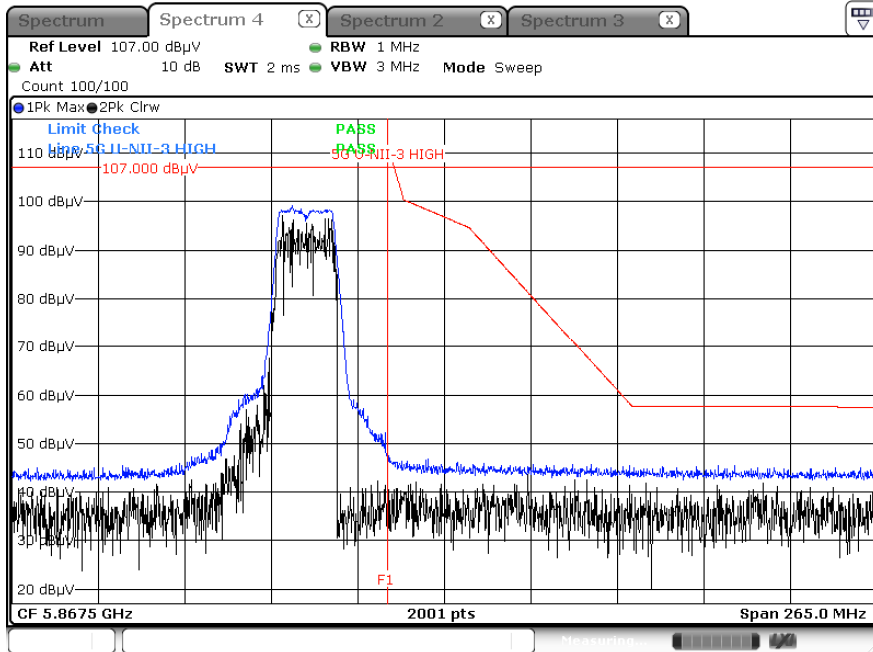
Peak Result (802.11a, Ch.165, X-H)



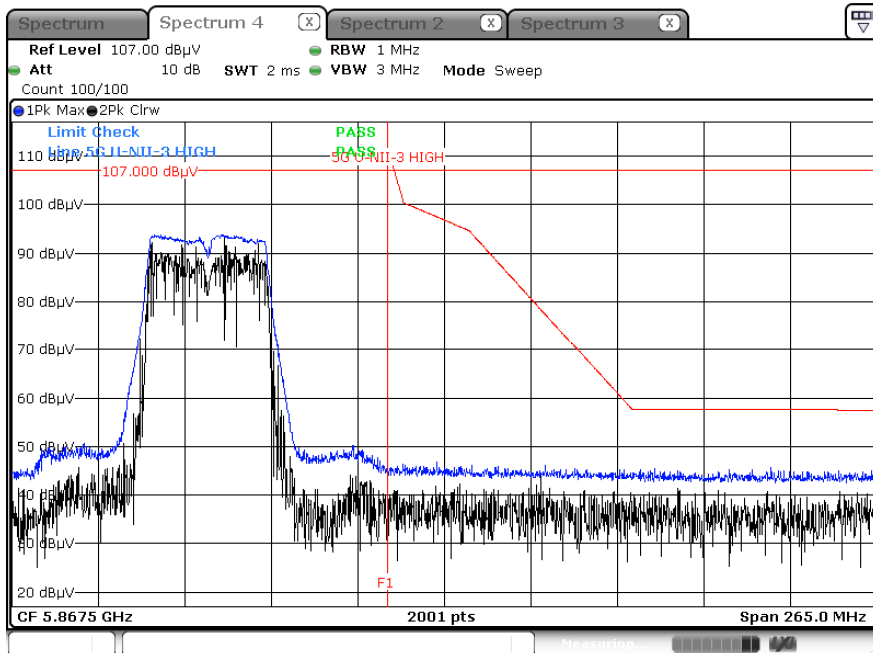
Peak Result (802.11n\_HT20, Ch.165, X-H)



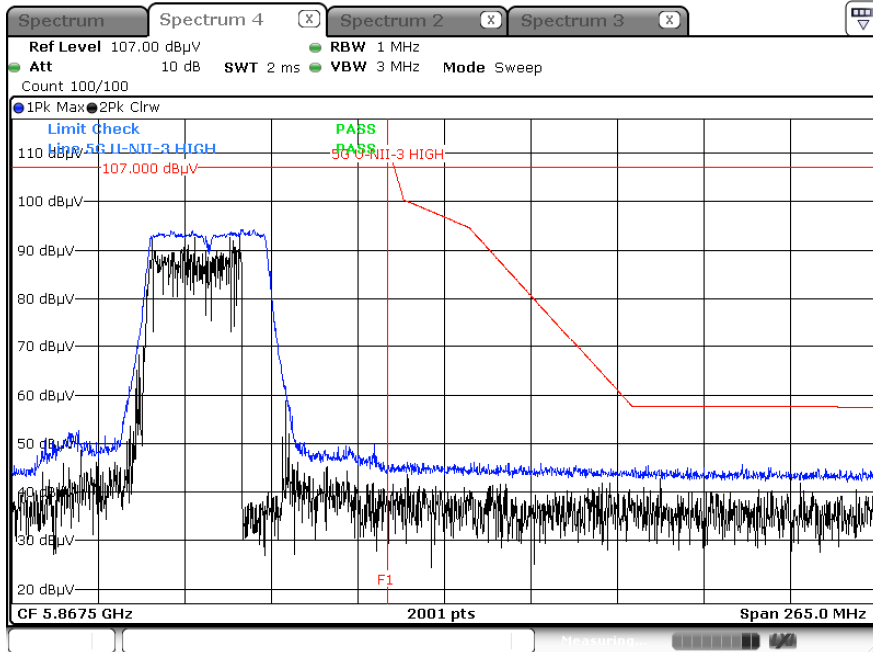
Peak Result (802.11ac\_VHT20, Ch.165, X-H)



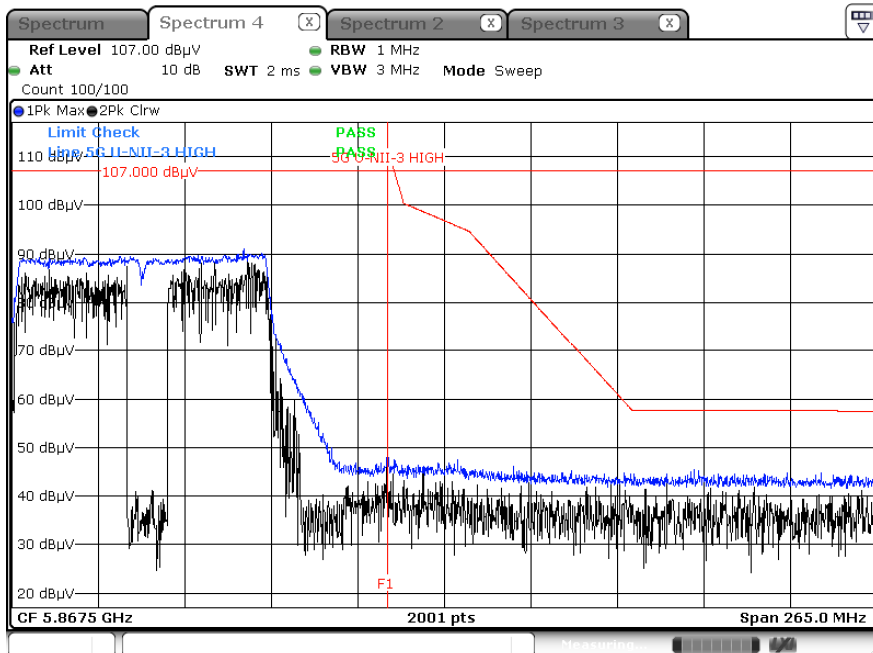
Peak Result (802.11n\_HT40, Ch.159, X-H)



Peak Result (802.11ac\_VHT40, Ch.159, X-H)



Peak Result (802.11ac\_VHT80, Ch.155, X-H)



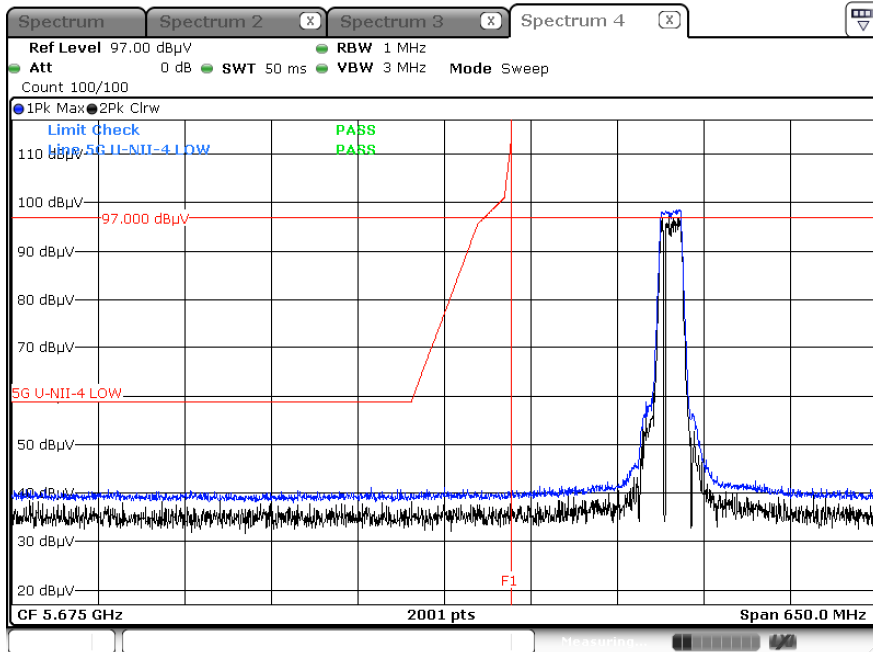
**Note :**

1. Only the worst case plots for U-NII-3 Out of Band e.i.r.p Emission.
2. U-NII-3 Low & High Band Edge RedLine is Final Test Limit about factor value compensation.

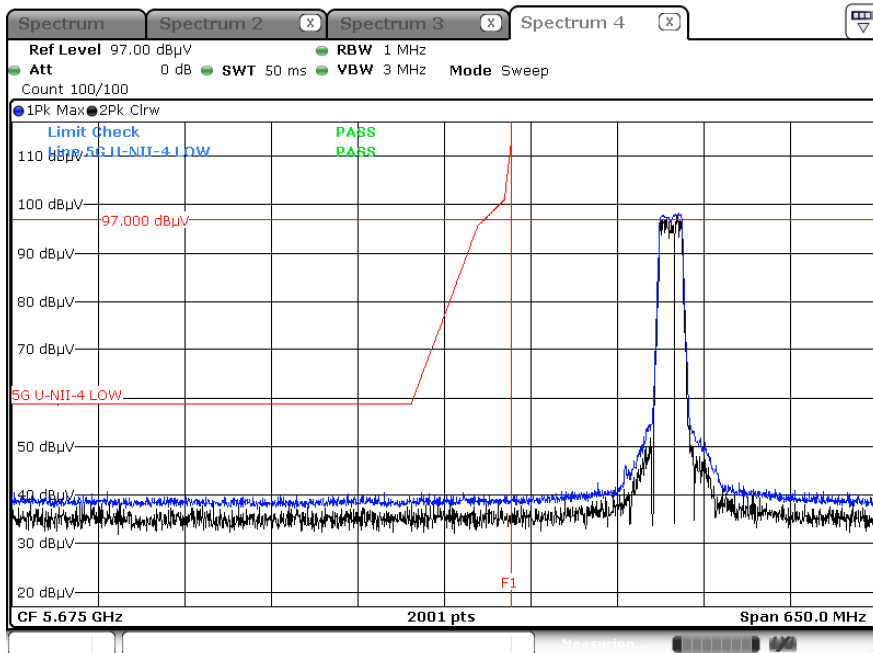
▣ Test Plots(UNII 4) – O.O.B.E

Peak Result

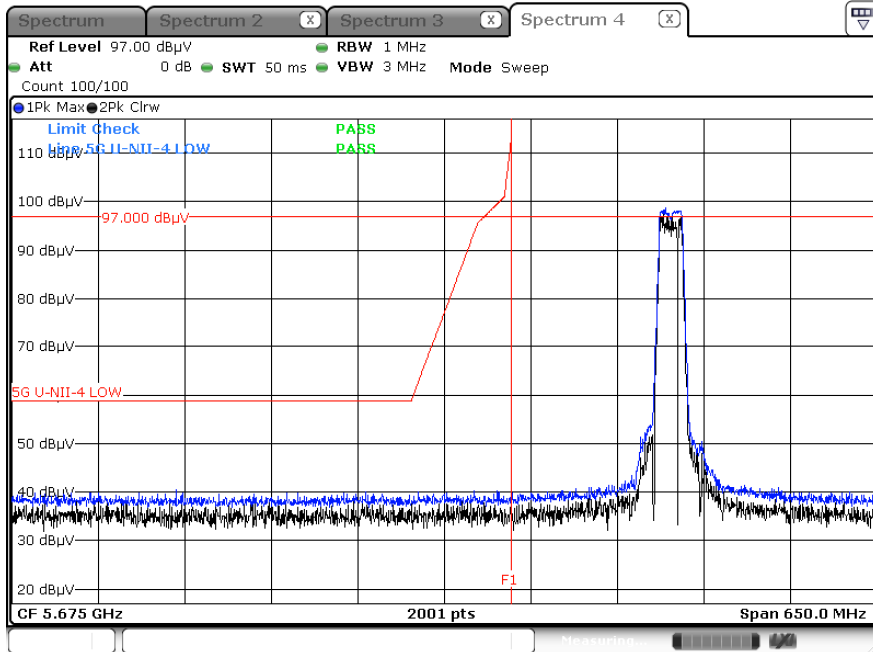
Peak Result (802.11a, Ch.169, X-H)



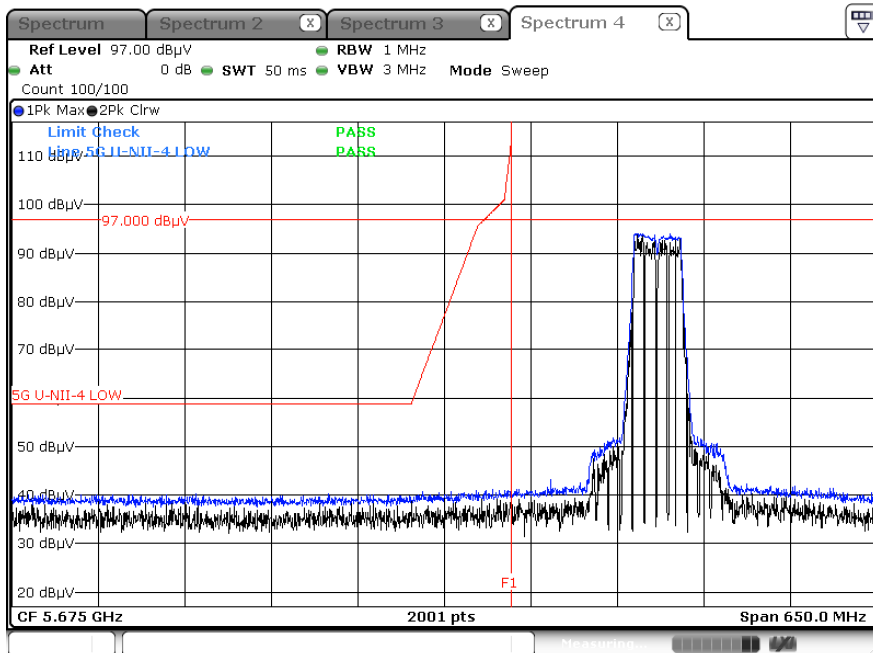
Peak Result (802.11n\_HT20, Ch.169, X-H)



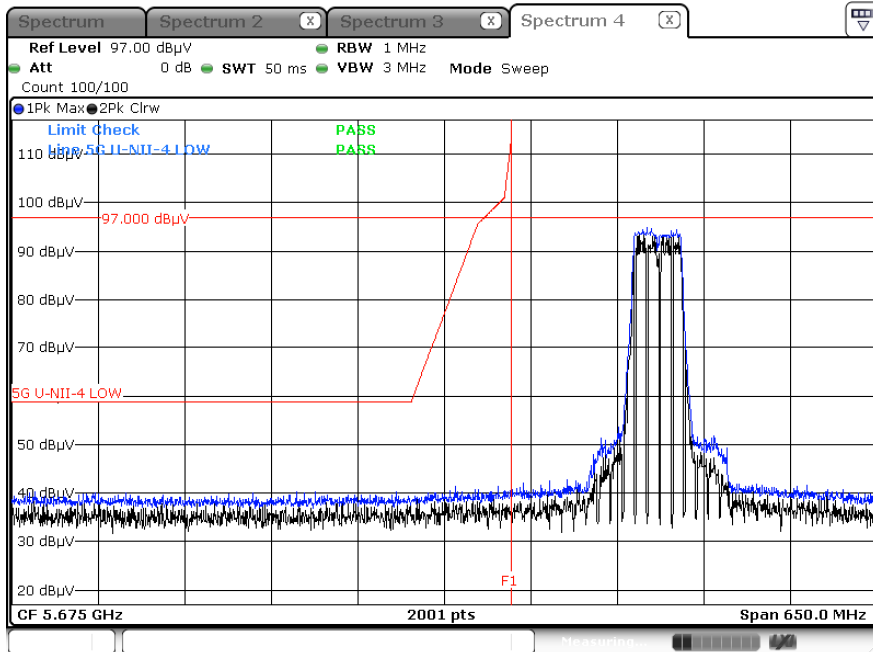
Peak Result (802.11ac\_VHT20, Ch.169, X-H)



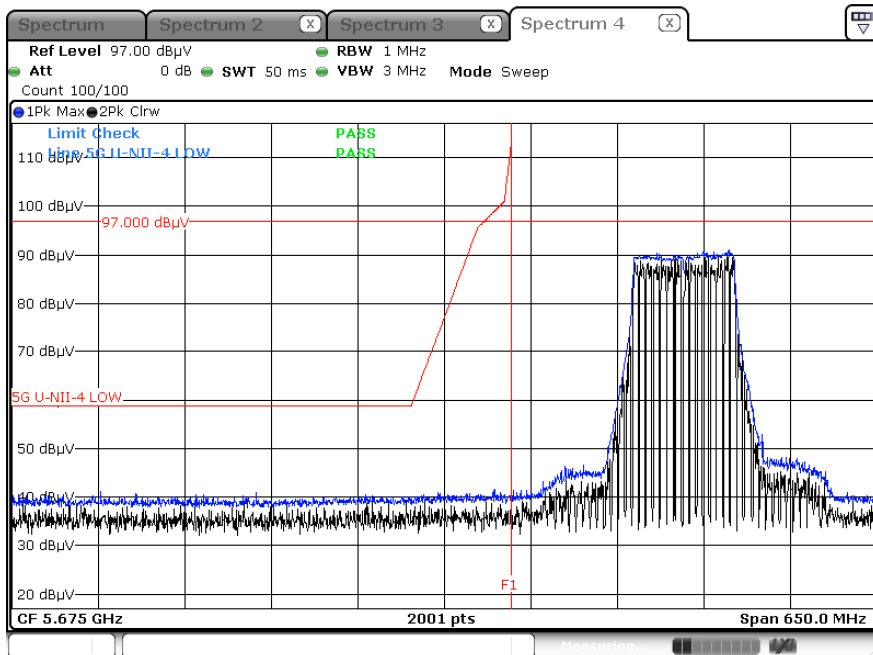
Peak Result (802.11n\_HT40, Ch.167, X-H)



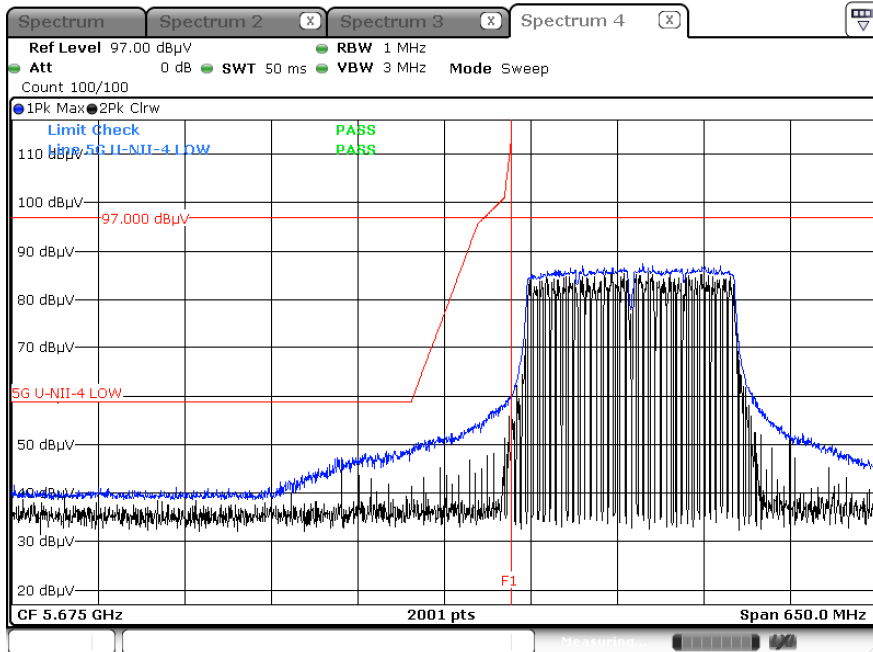
### Peak Result (802.11ac\_VHT40, Ch.167, X-H)



### Peak Result (802.11ac\_VHT80, Ch.171, X-H)

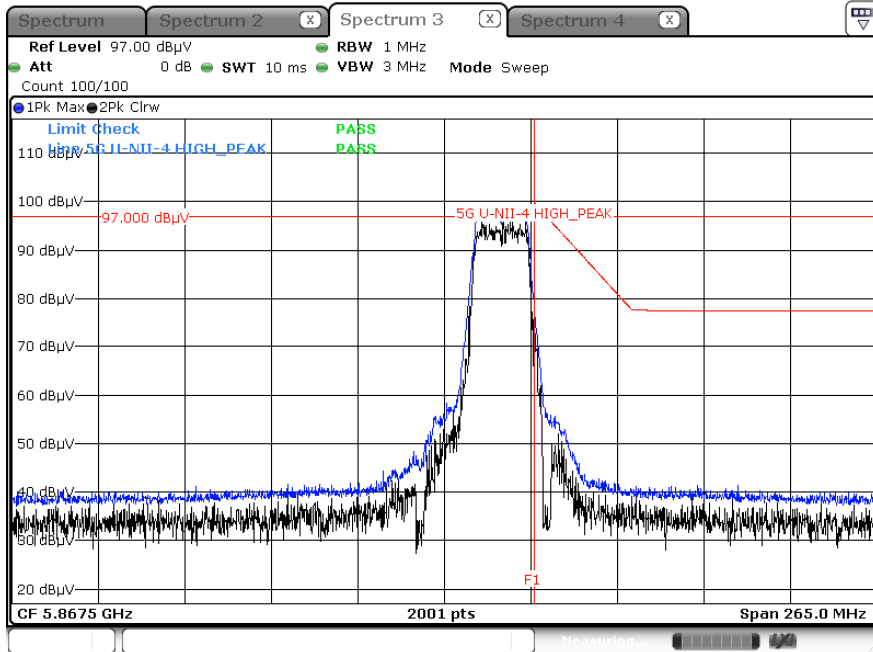


Peak Result (802.11ac\_VHT160, Ch.163, X-H)

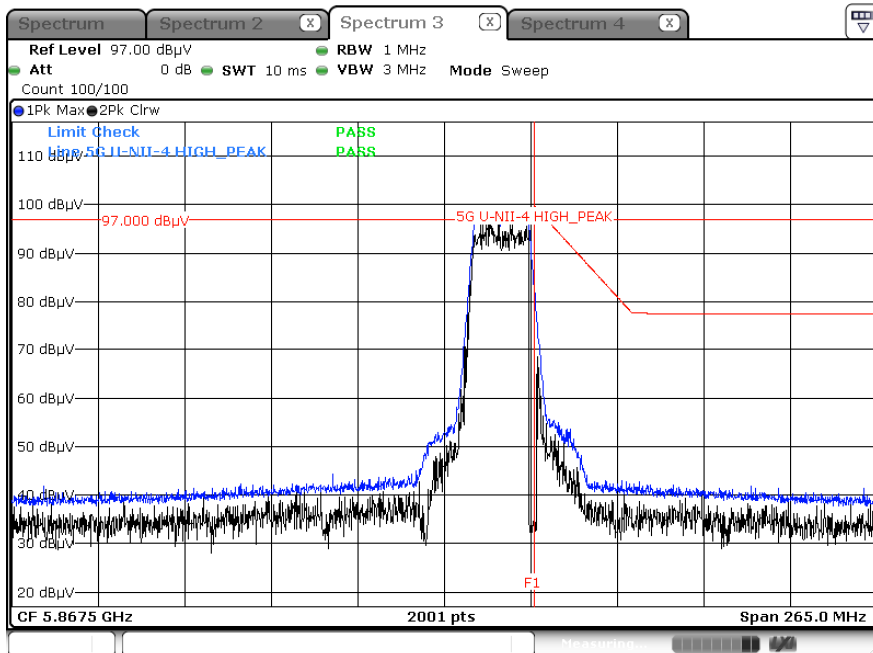




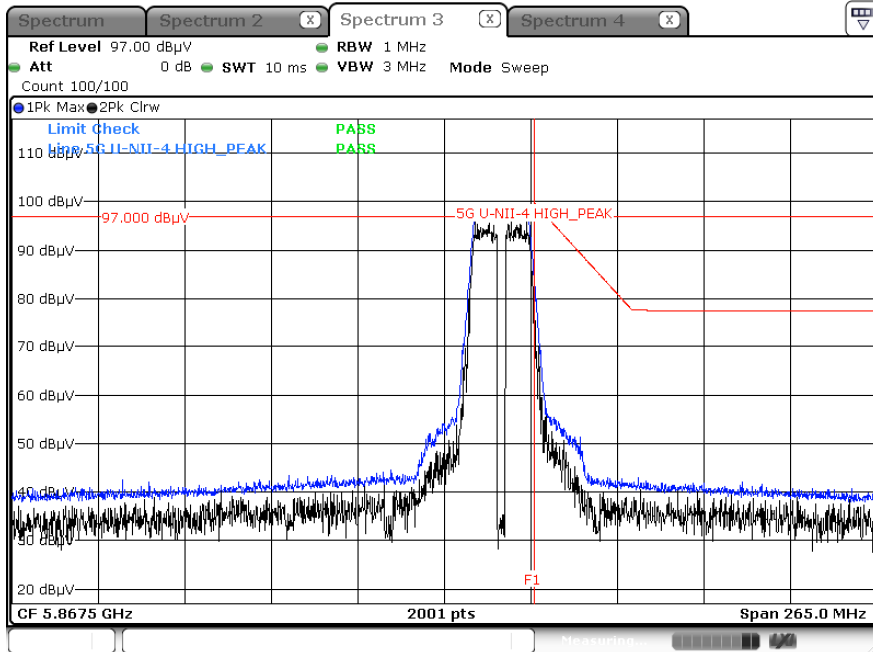
Peak Result (802.11a, Ch.177, X-H)



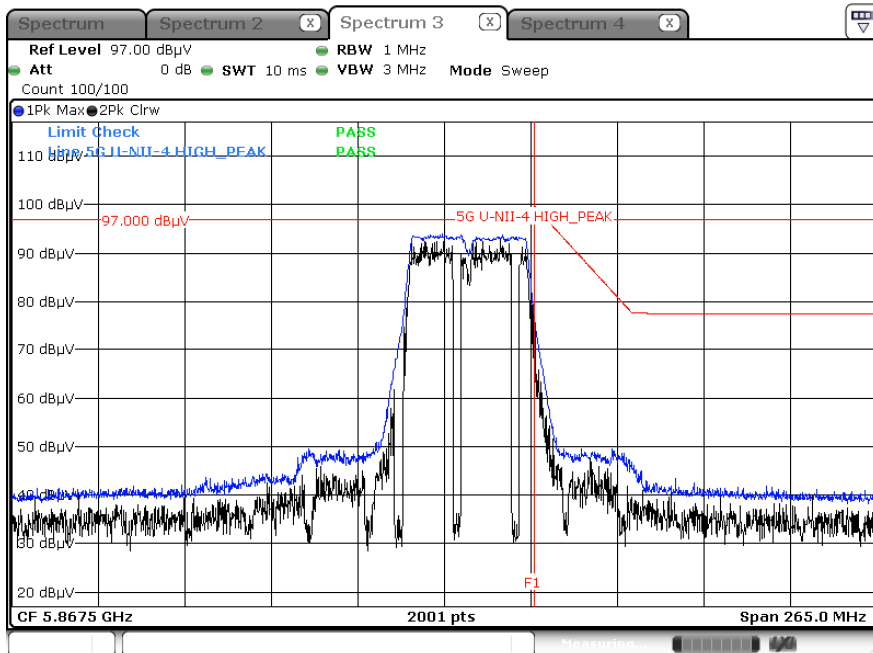
Peak Result (802.11n\_HT20, Ch.177, X-H)



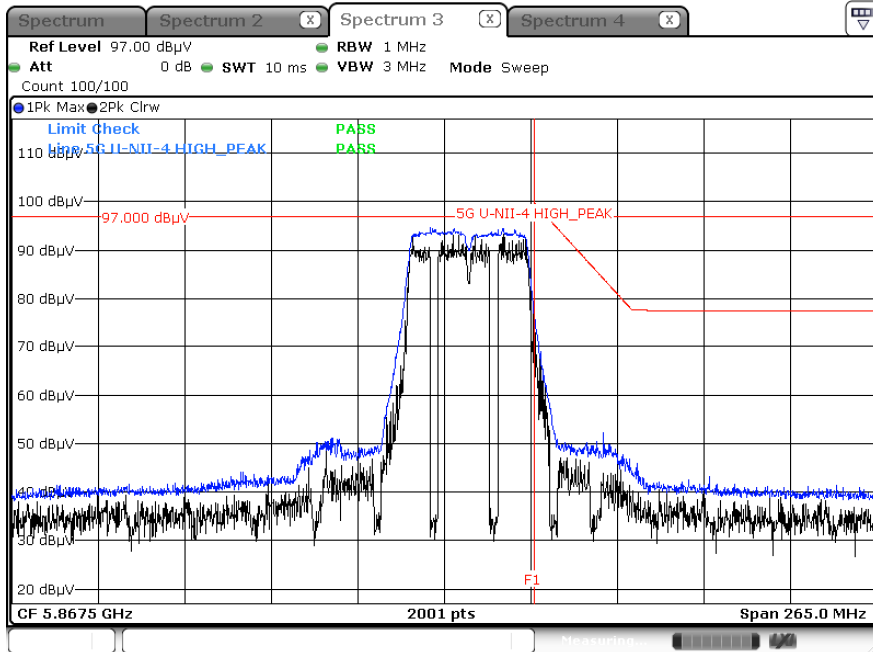
### Peak Result (802.11ac\_VHT20, Ch.177, X-H)



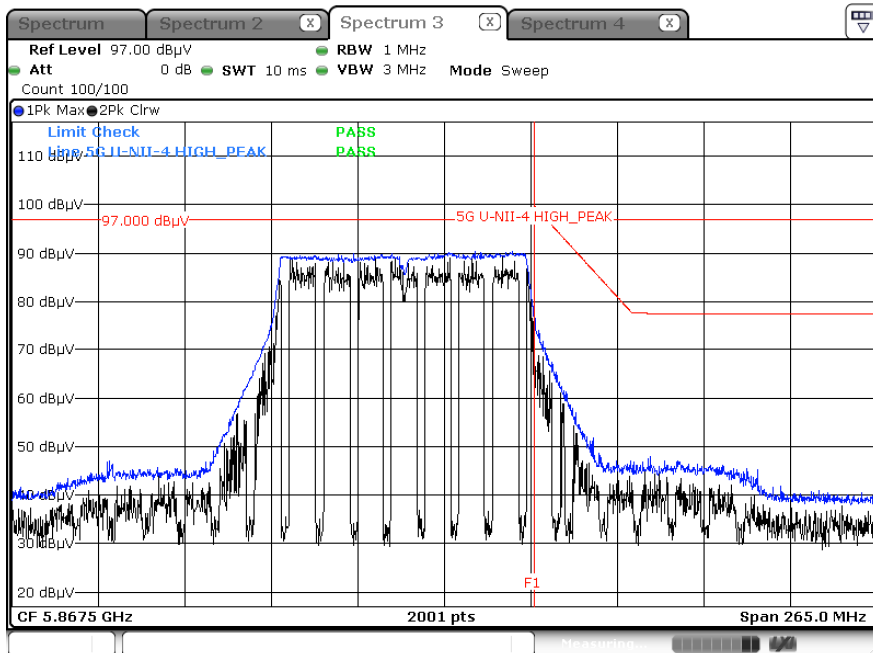
### Peak Result (802.11n\_HT40, Ch.175, X-H)



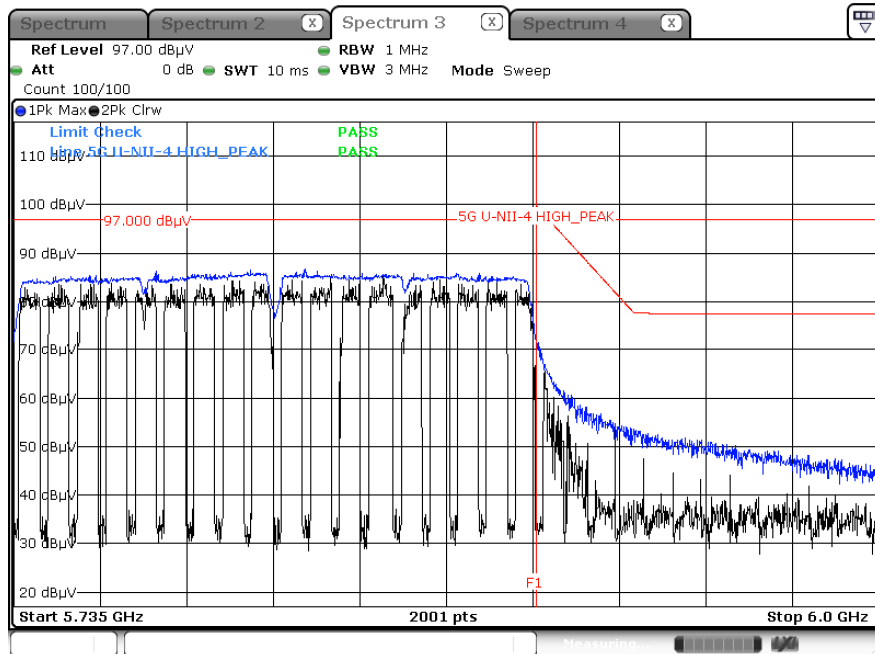
Peak Result (802.11ac\_VHT40, Ch.175, X-H)



Peak Result (802.11ac\_VHT80, Ch.171, X-H)



Peak Result (802.11ac\_VHT160, Ch.163, X-H)

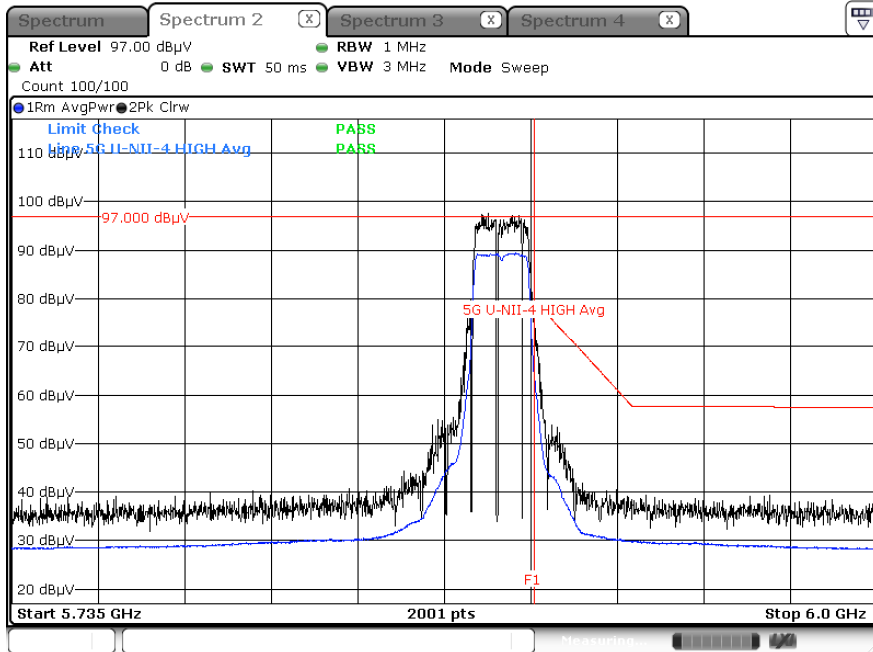


**Note :**

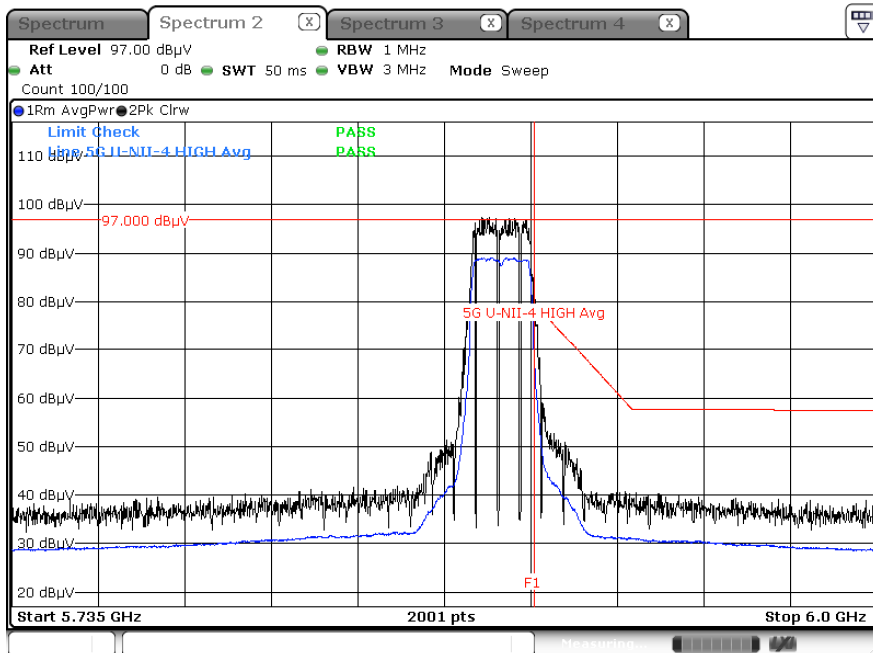
1. Only the worst case plots for U-NII-4 O.O.B.E
2. U-NII-4 Low & High O.O.B.E RedLine is Final Test Limit(Peak) about factor value compensation.

## Average Result

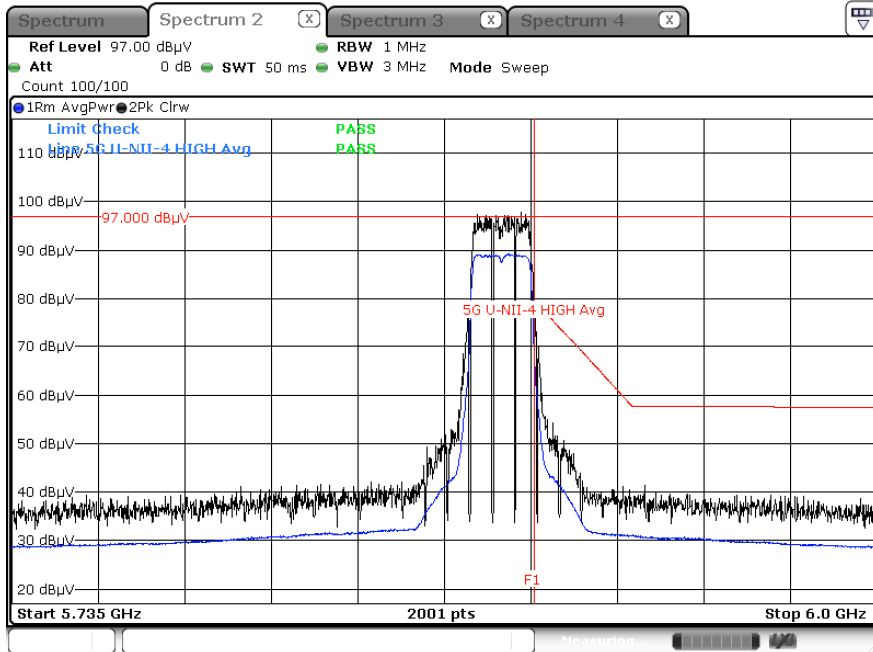
### Average Result (802.11a, Ch.177, X-H)



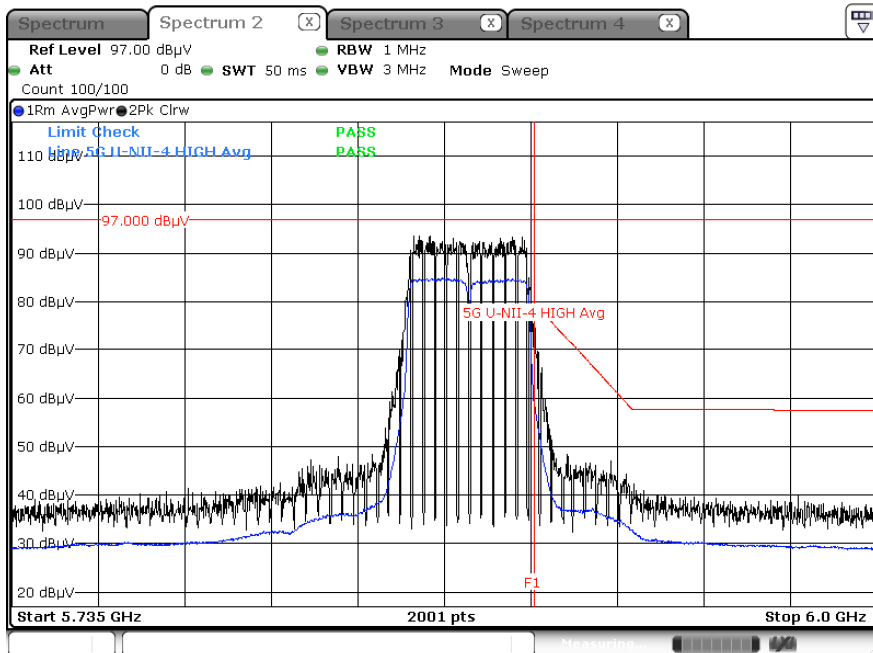
### Average Result (802.11n\_HT20, Ch.177, X-H)



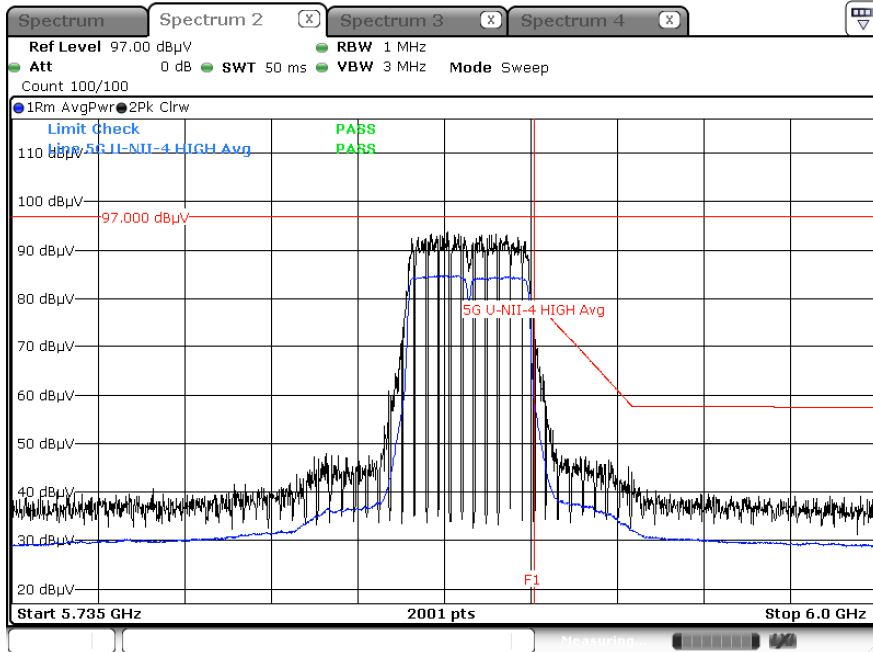
### Average Result (802.11ac\_VHT20, Ch.177, X-H)



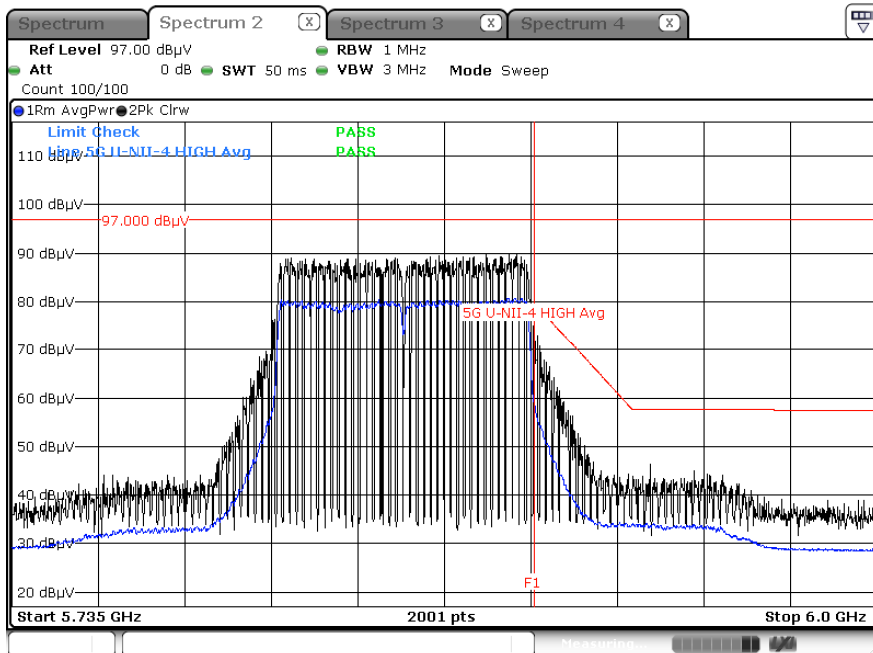
### Average Result (802.11n\_HT40, Ch.175, X-H)



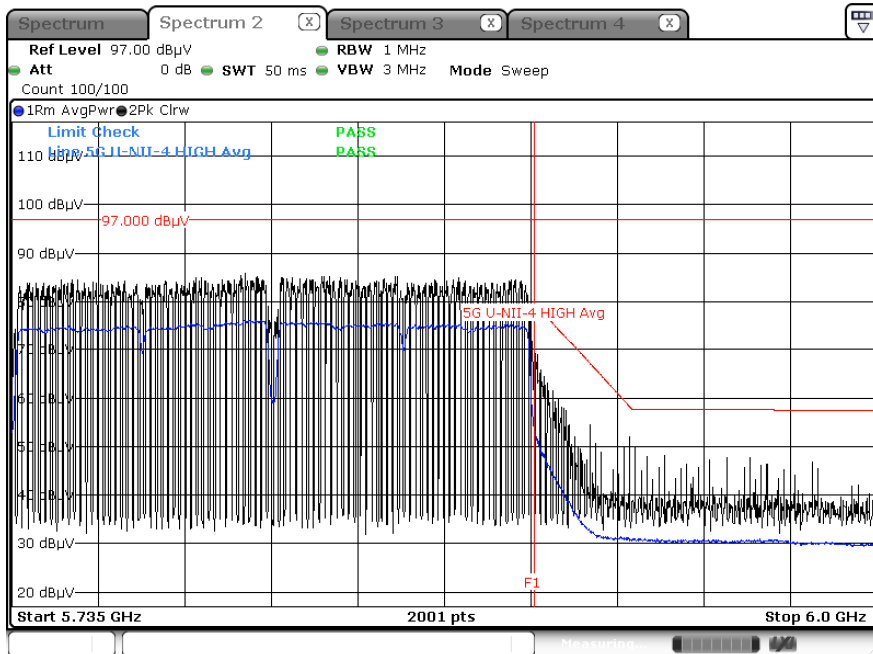
### Average Result (802.11ac\_VHT40, Ch.175, X-H)



### Average Result (802.11ac\_VHT80, Ch.171, X-H)



Average Result (802.11ac\_VHT160, Ch.163, X-H)



**Note :**

1. Only the worst case plots for U-NII-4 O.O.B.E
2. U-NII-4 Low & High O.O.B.E RedLine is Final Test Limit(Average) about factor value compensation.



## 10.10 POWERLINE CONDUCTED EMISSIONS

### Conducted Emissions

Test

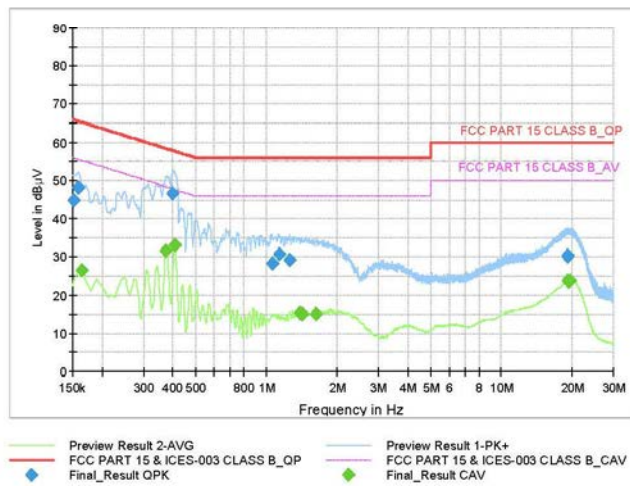
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## Test Report

### Common Information

EUT : SM-F741U  
 Operating Conditions : 5G WLAN Mode  
 Comment :

Full Spectrum



### Final Result QPK

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.1523	44.74	65.88	21.14	9.000	N	9.6
0.1590	48.29	65.52	17.23	9.000	L1	9.6
0.3998	46.77	57.86	11.09	9.000	N	9.6
1.0603	28.43	56.00	27.57	9.000	N	9.7
1.1300	30.67	56.00	25.33	9.000	N	9.7
1.2538	29.34	56.00	26.66	9.000	N	9.7
19.0580	30.33	60.00	29.67	9.000	L1	10.4
19.1233	30.33	60.00	29.67	9.000	L1	10.4
19.1750	30.16	60.00	29.84	9.000	L1	10.4

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오전 11:21:30

Test

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**Final Result CAV**

Frequency (MHz)	CAverage (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.1635	26.35	55.28	28.93	9.000	L1	9.6
0.3750	31.58	48.39	16.81	9.000	N	9.6
0.4088	33.23	47.67	14.44	9.000	L1	9.6
1.3865	15.33	46.00	30.67	9.000	L1	9.7
1.4203	15.14	46.00	30.86	9.000	L1	9.7
1.6363	15.07	46.00	30.93	9.000	L1	9.7
19.1750	23.64	50.00	26.36	9.000	L1	10.4
19.3663	23.62	50.00	26.38	9.000	L1	10.4
19.5373	23.69	50.00	26.31	9.000	L1	10.4

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## 11. LIST OF TEST EQUIPMENT

### Conducted Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
LISN	ENV216	Rohde & Schwarz	102245	08/02/2024	Annual
EMI Test Receiver	ESR	Rohde & Schwarz	101910	05/26/2024	Annual
Temperature Chamber	SU-642	ESPEC	0093008124	02/19/2025	Annual
Signal Analyzer	N9030A	Agilent	MY49432108	02/20/2025	Annual
Power Measurement Set	OSP 120	Rohde & Schwarz	101231	06/09/2024	Annual
Power Meter	N1911A	Agilent	MY45100523	02/28/2025	Annual
Power Sensor	N1921A	Agilent	MY57820067	02/22/2025	Annual
Directional Coupler	87300B	Agilent	3116A03621	10/30/2024	Annual
Power Splitter	11667B	Hewlett Packard	10545	02/06/2025	Annual
DC Power Supply	E3632A	Agilent	MY40004427	08/25/2024	Annual
Attenuator(10 dB)(DC-26.5 GHz)	8493C	HP	07560	06/12/2024	Annual
Attenuator(10 dB)(DC-26.5 GHz)	8493C	HP	08285	06/02/2024	Annual
Attenuator(20 dB)	18N-20dB	Rohde & Schwarz	8	02/20/2025	Annual
Software	EMC32	Rohde & Schwarz	N/A	N/A	N/A
FCC WLAN&BT&BLE Conducted Test Software v3.0	N/A	HCT CO., LTD.	N/A	N/A	N/A
Bluetooth Tester	CBT	Rohde & Schwarz	100752	01/03/2025	Annual

### 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**

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
Controller	CO3000	Innco system	CO3000-4p	N/A	N/A
Antenna Position Tower	MA4640/800-XP-EP	Innco system	S1AM	08/03/2025	Biennial
Turn Table	DS2000-S-1t	Innco system	DS2000/572/54610422/P	N/A	N/A
Amp & Filter Bank Switch Controller	FBSM-01B	T&M system	TM19050002	N/A	N/A
Loop Antenna	1513	Schwarzbeck	1513-333	03/07/2026	Biennial
Hybrid Antenna	VULB 9168	Schwarzbeck	9168-0895	08/16/2024	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck	9120D-1300	01/03/2026	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck	9120D-2296	05/18/2024	Biennial
Horn Antenna(15 GHz ~ 40 GHz)	BBHA9170	Schwarzbeck	BBHA9170342	09/29/2024	Biennial
Spectrum Analyzer	FSV(10 Hz ~ 40 GHz)	Rohde & Schwarz	101055	05/12/2024	Annual
Band Reject Filter	WRCJV2400/2483.5-2370/2520-60/12SS	Wainwright Instruments	2	01/02/2025	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments	5	06/12/2024	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments	6	06/12/2024	Annual
High Pass Filter(7 GHz ~ 18 GHz)	WHKX10-7150-8000-18000-50SS	Wainwright Instruments	1	02/28/2025	Annual
Power Amplifier	CBL18265035	CERNEX	22966	11/17/2024	Annual
Power Amplifier	CBL26405040	CERNEX	25956	02/26/2025	Annual
Bluetooth Tester	TC-3000C	TESCOM	3000C000175	03/19/2025	Annual
RF Switching System	FMSR-05B (HPF(3~18GHz) + LNA1(1~18GHz))	T&M system	S1L1	01/02/2025	Annual
RF Switching System	FMSR -05B (ATT(10dB) + LNA1(1~18GHz))	T&M system	S1L2	01/02/2025	Annual
RF Switching System	FMSR -05B (ATT(3dB) + LNA1(1~18GHz))	T&M system	S1L3	01/02/2025	Annual
RF Switching System	FMSR -05B (LNA1(1~18GHz))	T&M system	S1L4	01/02/2025	Annual
RF Switching System	FMSR -05B (HPF(7~18GHz) + LNA2(6~18GHz))	T&M system	S1L5	01/02/2025	Annual
RF Switching System	FMSR -05B (Thru(30MHz ~ 18GHz))	T&M system	S1L6	01/02/2025	Annual

**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.
3. Especially, all antenna for measurement is calibrated in accordance with the requirements of C63.5(Version : 2017).

## 12. ANNEX A\_ TEST SETUP PHOTO

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

No.	Description
1	HCT-RF-2405-FC027-P