

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO														
Mod.	Data Rate	N _{TX}	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	5955	Full	0.00	0.00		-2.25	0.43	-1.82	-1.00	Pass		
HE20	MCS0	2	5955	26/0	0.00	0.00		-2.68	0.43	-2.25	-1.00	Pass		
HE20	MCS0	2	5955	52/37	0.00	0.00		-3.01	0.43	-2.58	-1.00	Pass		
HE20	MCS0	2	5955	106/53	0.00	0.00		-2.97	0.43	-2.53	-1.00	Pass		
HE20	MCS0	2	6175	Full	0.00	0.00		-1.88	0.43	-1.44	-1.00	Pass		
HE20	MCS0	2	6415	Full	0.00	0.00		-2.17	0.43	-1.73	-1.00	Pass		
HE20	MCS0	2	6415	26/8	0.00	0.00		-2.69	0.43	-2.25	-1.00	Pass		
HE20	MCS0	2	6415	52/40	0.00	0.00		-2.92	0.43	-2.49	-1.00	Pass		
HE20	MCS0	2	6415	106/54	0.00	0.00		-2.84	0.43	-2.40	-1.00	Pass		
HE40	MCS0	2	5965	Full	0.00	0.00		-1.72	0.43	-1.29	-1.00	Pass		
HE40	MCS0	2	5965	242/61	0.00	0.00		-1.90	0.43	-1.47	-1.00	Pass		
HE40	MCS0	2	6165	Full	0.00	0.00		-2.03	0.43	-1.60	-1.00	Pass		
HE40	MCS0	2	6405	Full	0.00	0.00		-1.77	0.43	-1.34	-1.00	Pass		
HE40	MCS0	2	6405	242/62	0.00	0.00		-1.79	0.43	-1.35	-1.00	Pass		
HE80	MCS0	2	5985	Full	0.00	0.00		-1.82	0.43	-1.39	-1.00	Pass		
HE80	MCS0	2	5985	484/65	0.00	0.00		-2.12	0.43	-1.69	-1.00	Pass		
HE80	MCS0	2	6145	Full	0.00	0.00		-1.66	0.43	-1.23	-1.00	Pass		
HE80	MCS0	2	6385	Full	0.00	0.00		-2.09	0.43	-1.66	-1.00	Pass		
HE80	MCS0	2	6385	484/66	0.00	0.00		-2.61	0.43	-2.18	-1.00	Pass		
HE160	MCS0	2	6025	Full	0.00	0.00		-4.73	0.43	-4.30	-1.00	Pass		
HE160	MCS0	2	6025	996/67	0.00	0.00	-5.55	0.43	-5.12	-1.00	Pass			
HE160	MCS0	2	6185	Full	0.00	0.00	-4.76	0.43	-4.33	-1.00	Pass			
HE160	MCS0	2	6345	Full	0.00	0.00	-5.18	0.43	-4.75	-1.00	Pass			
HE160	MCS0	2	6345	996/S67	0.00	0.00	-5.82	0.43	-5.39	-1.00	Pass			

Remark:

1. Directional Gain = $10 \cdot \log\{((10^{(\text{Ant.1 Gain}/20)} + 10^{(\text{Ant.2 Gain})})^2/2)\} = 0.43\text{dBi}$.

TEST RESULTS DATA
26dB and 99% OBW

U-NII-6 MIMO								
Mod.	Data Rate	N _{TX}	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	6435	16.63	16.58	20.45	20.20	
11a	6Mbps	2	6475	16.58	16.63	20.50	20.40	
11a	6Mbps	2	6515	16.63	16.53	20.15	20.10	
HT20	MCS0	2	6435	17.48	17.53	19.85	19.80	
HT20	MCS0	2	6475	17.53	17.53	20.15	20.05	
HT20	MCS0	2	6515	17.53	17.53	20.25	19.85	
HT40	MCS0	2	6445	35.96	35.96	39.60	40.23	
HT40	MCS0	2	6485	35.96	36.06	39.87	39.78	
HT40	MCS0	2	6525	36.06	35.96	40.05	39.96	
VHT80	MCS0	2	6465	75.04	74.93	81.76	80.96	
VHT80	MCS0	2	6545	74.93	74.93	81.76	81.12	
VHT160	MCS0	2	6505	153.45	153.93	162.88	165.12	

TEST RESULTS DATA
26dB and 99% OBW

U-NII-6 MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	6435	Full	18.83	18.93	20.40	20.75	
HE20	MCS0	2	6475	Full	18.83	18.88	20.40	20.85	
HE20	MCS0	2	6515	Full	18.83	18.93	20.80	20.70	
HE40	MCS0	2	6445	Full	37.66	37.66	40.59	40.50	
HE40	MCS0	2	6485	Full	37.66	37.76	40.50	40.86	
HE40	MCS0	2	6525	Full	37.66	37.66	40.50	40.32	
HE80	MCS0	2	6465	Full	76.72	76.84	81.76	81.76	
HE80	MCS0	2	6545	Full	76.60	76.72	81.60	81.28	
HE160	MCS0	2	6505	Full	155.12	155.12	163.52	164.16	

TEST RESULTS DATA
EIRP Power Table

U-NII-6 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6435	0.03	0.03	5.55	5.28	8.43	-2.70		5.73	24.00	Pass
11a	6Mbps	2	6475	0.03	0.03	6.02	5.43	8.75	-2.70		6.05	24.00	Pass
11a	6Mbps	2	6515	0.03	0.03	6.26	5.11	8.73	-2.70		6.03	24.00	Pass
HT20	MCS0	2	6435	0.00	0.00	5.98	5.72	8.86	-2.70		6.16	24.00	Pass
HT20	MCS0	2	6475	0.00	0.00	6.02	5.76	8.90	-2.70		6.20	24.00	Pass
HT20	MCS0	2	6515	0.00	0.00	6.33	5.55	8.97	-2.70		6.27	24.00	Pass
HT40	MCS0	2	6445	0.00	0.00	9.38	8.57	12.00	-2.70		9.30	24.00	Pass
HT40	MCS0	2	6485	0.00	0.00	9.33	8.47	11.93	-2.70		9.23	24.00	Pass
HT40	MCS0	2	6525	0.00	0.00	9.98	8.00	12.11	-2.70		9.41	24.00	Pass
VHT20	MCS0	2	6435	0.00	0.00	5.95	5.70	8.84	-2.70		6.14	24.00	Pass
VHT20	MCS0	2	6475	0.00	0.00	6.00	5.74	8.88	-2.70		6.18	24.00	Pass
VHT20	MCS0	2	6515	0.00	0.00	6.30	5.52	8.94	-2.70		6.24	24.00	Pass
VHT40	MCS0	2	6445	0.00	0.00	9.36	8.55	11.98	-2.70		9.28	24.00	Pass
VHT40	MCS0	2	6485	0.00	0.00	9.31	8.46	11.92	-2.70		9.22	24.00	Pass
VHT40	MCS0	2	6525	0.00	0.00	9.88	7.98	12.04	-2.70		9.34	24.00	Pass
VHT80	MCS0	2	6465	0.00	0.00	11.15	10.65	13.92	-2.70		11.22	24.00	Pass
VHT80	MCS0	2	6545	0.00	0.00	11.64	9.75	13.81	-2.70		11.11	24.00	Pass
VHT160	MCS0	2	6505	0.00	0.00	11.50	9.97	13.81	-2.70		11.11	24.00	Pass

Remark:

1. Directional Gain = Max. Gain (Ant. 1, Ant.2) =Max. Gain (-2.7dBi, -3.2dBi) = -2.7dBi.

TEST RESULTS DATA
EIRP Power Table

U-NII-6 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	097	6435	Full	0.00	0.00	6.21	5.90	9.07	-2.70	6.37	24.00	Pass	
HE20	MCS0	2	097	6435	26/0	0.00	0.00	-1.70	-2.87	0.76	-2.70	-1.94	24.00	Pass	
HE20	MCS0	2	097	6435	52/37	0.00	0.00	0.38	-0.52	2.96	-2.70	0.26	24.00	Pass	
HE20	MCS0	2	097	6435	106/53	0.00	0.00	3.77	2.86	6.35	-2.70	3.65	24.00	Pass	
HE20	MCS0	2	105	6475	Full	0.00	0.00	6.26	6.10	9.19	-2.70	6.49	24.00	Pass	
HE20	MCS0	2	113	6515	Full	0.00	0.00	6.44	5.43	8.97	-2.70	6.27	24.00	Pass	
HE20	MCS0	2	113	6515	26/8	0.00	0.00	-1.37	-4.40	0.38	-2.70	-2.32	24.00	Pass	
HE20	MCS0	2	113	6515	52/40	0.00	0.00	1.05	-1.14	3.10	-2.70	0.40	24.00	Pass	
HE20	MCS0	2	113	6515	106/54	0.00	0.00	3.76	1.55	5.80	-2.70	3.10	24.00	Pass	
HE40	MCS0	2	099	6445	Full	0.00	0.00	9.00	8.20	11.63	-2.70	8.93	24.00	Pass	
HE40	MCS0	2	099	6445	242/61	0.00	0.00	7.32	5.90	9.68	-2.70	6.98	24.00	Pass	
HE40	MCS0	2	107	6485	Full	0.00	0.00	9.01	8.14	11.61	-2.70	8.91	24.00	Pass	
HE40	MCS0	2	107	6485	242/62	0.00	0.00	7.54	6.20	9.93	-2.70	7.23	24.00	Pass	
HE40	MCS0	2	115	6525	Full	0.00	0.00	9.60	7.69	11.76	-2.70	9.06	24.00	Pass	
HE40	MCS0	2	115	6525	242/62	0.00	0.00	7.40	4.82	9.31	-2.70	6.61	24.00	Pass	
HE80	MCS0	2	103	6465	Full	0.00	0.00	11.09	10.62	13.87	-2.70	11.17	24.00	Pass	
HE80	MCS0	2	103	6465	484/65	0.00	0.00	10.41	9.24	12.87	-2.70	10.17	24.00	Pass	
HE80	MCS0	2	119	6545	Full	0.00	0.00	11.92	10.17	14.14	-2.70	11.44	24.00	Pass	
HE80	MCS0	2	119	6545	484/66	0.00	0.00	11.19	9.21	13.32	-2.70	10.62	24.00	Pass	
HE160	MCS0	2	111	6505	Full	0.00	0.00	11.40	10.01	13.77	-2.70	11.07	24.00	Pass	
HE160	MCS0	2	111	6505	996/67	0.00	0.00	8.40	6.98	10.76	-2.70	8.06	24.00	Pass	
HE160	MCS0	2	111	6505	996/S67	0.00	0.00	8.86	6.74	10.94	-2.70	8.24	24.00	Pass	

Remark:

1. Directional Gain = Max. Gain (Ant. 1, Ant.2) =Max. Gain (-2.7dBi, -3.2dBi) = -2.7dBi.

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-6 MIMO													
Mod.	Data Rate	N _{TX}	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6435	0.03	0.03			-1.95	0.06		-1.88	-1.00	Pass
11a	6Mbps	2	6475	0.03	0.03			-1.58	0.06		-1.52	-1.00	Pass
11a	6Mbps	2	6515	0.03	0.03			-1.41	0.06		-1.35	-1.00	Pass
HT20	MCS0	2	6435	0.00	0.00			-1.59	0.06		-1.53	-1.00	Pass
HT20	MCS0	2	6475	0.00	0.00			-1.71	0.06		-1.65	-1.00	Pass
HT20	MCS0	2	6515	0.00	0.00			-1.56	0.06		-1.50	-1.00	Pass
HT40	MCS0	2	6445	0.00	0.00			-1.28	0.06		-1.22	-1.00	Pass
HT40	MCS0	2	6485	0.00	0.00			-1.33	0.06		-1.26	-1.00	Pass
HT40	MCS0	2	6525	0.00	0.00			-1.46	0.06		-1.39	-1.00	Pass
VHT80	MCS0	2	6465	0.00	0.00			-1.96	0.06		-1.90	-1.00	Pass
VHT80	MCS0	2	6545	0.00	0.00			-1.65	0.06		-1.58	-1.00	Pass
VHT160	MCS0	2	6505	0.00	0.00			-5.01	0.06		-4.95	-1.00	Pass

Remark:

1. Directional Gain = $10 \cdot \log\left(\frac{10^{\text{Ant.1 Gain}/20} + 10^{\text{Ant.2 Gain}/20}}{2}\right) = 0.06\text{dBi}$.

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-6 MIMO														
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6435	Full	0.00	0.00		-1.60	0.06	-1.54	-1.00	Pass		
HE20	MCS0	2	6435	26/0	0.00	0.00		-1.77	0.06	-1.71	-1.00	Pass		
HE20	MCS0	2	6435	52/37	0.00	0.00		-2.10	0.06	-2.04	-1.00	Pass		
HE20	MCS0	2	6435	106/53	0.00	0.00		-1.65	0.06	-1.58	-1.00	Pass		
HE20	MCS0	2	6475	Full	0.00	0.00		-1.74	0.06	-1.68	-1.00	Pass		
HE20	MCS0	2	6515	Full	0.00	0.00		-1.61	0.06	-1.54	-1.00	Pass		
HE20	MCS0	2	6515	26/8	0.00	0.00		-2.11	0.06	-2.05	-1.00	Pass		
HE20	MCS0	2	6515	52/40	0.00	0.00		-1.86	0.06	-1.80	-1.00	Pass		
HE20	MCS0	2	6515	106/54	0.00	0.00		-2.06	0.06	-2.00	-1.00	Pass		
HE40	MCS0	2	6445	Full	0.00	0.00		-1.70	0.06	-1.64	-1.00	Pass		
HE40	MCS0	2	6445	242/61	0.00	0.00		-1.90	0.06	-1.84	-1.00	Pass		
HE40	MCS0	2	6485	Full	0.00	0.00		-1.80	0.06	-1.73	-1.00	Pass		
HE40	MCS0	2	6485	242/62	0.00	0.00		-2.07	0.06	-2.00	-1.00	Pass		
HE40	MCS0	2	6525	Full	0.00	0.00		-1.49	0.06	-1.43	-1.00	Pass		
HE40	MCS0	2	6525	242/62	0.00	0.00		-1.79	0.06	-1.73	-1.00	Pass		
HE80	MCS0	2	6465	Full	0.00	0.00		-1.99	0.06	-1.92	-1.00	Pass		
HE80	MCS0	2	6465	484/65	0.00	0.00	-2.12	0.06	-2.06	-1.00	Pass			
HE80	MCS0	2	6545	Full	0.00	0.00	-1.36	0.06	-1.30	-1.00	Pass			
HE80	MCS0	2	6545	484/66	0.00	0.00	-1.85	0.06	-1.79	-1.00	Pass			
HE160	MCS0	2	6505	Full	0.00	0.00	-5.14	0.06	-5.07	-1.00	Pass			
HE160	MCS0	2	6505	996/67	0.00	0.00	-5.69	0.06	-5.63	-1.00	Pass			
HE160	MCS0	2	6505	996/S67	0.00	0.00	-5.79	0.06	-5.72	-1.00	Pass			

Remark:

1. Directional Gain = $10 \cdot \log\{((10^{(\text{Ant.1 Gain}/20)} + 10^{(\text{Ant.2 Gain}/20)})^2\} = 0.06\text{dBi}$.

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO								
Mod.	Data Rate	NTx	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	6535	16.53	16.53	20.45	20.40	
11a	6Mbps	2	6695	16.58	16.58	19.85	20.45	
11a	6Mbps	2	6855	16.58	16.58	20.70	20.30	
HT20	MCS0	2	6535	17.48	17.53	20.10	19.70	
HT20	MCS0	2	6695	17.48	17.53	19.75	20.55	
HT20	MCS0	2	6855	17.53	17.53	19.95	19.70	
HT40	MCS0	2	6565	35.96	35.96	40.50	40.14	
HT40	MCS0	2	6685	35.96	36.06	39.60	39.69	
HT40	MCS0	2	6845	35.96	36.06	39.78	39.87	
VHT80	MCS0	2	6625	75.04	75.04	82.08	81.44	
VHT80	MCS0	2	6705	75.04	75.04	81.60	81.28	
VHT80	MCS0	2	6785	75.04	74.93	81.60	80.80	
VHT80	MCS0	2	6865	75.04	74.93	80.48	81.44	
VHT160	MCS0	2	6665	152.97	153.69	162.24	163.36	
VHT160	MCS0	2	6825	153.21	153.69	161.92	163.20	

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO									
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	6535	Full	18.83	18.83	20.80	20.90	
HE20	MCS0	2	6695	Full	18.83	18.93	20.55	20.80	
HE20	MCS0	2	6855	Full	18.93	18.93	20.60	20.90	
HE40	MCS0	2	6565	Full	37.66	37.66	40.50	40.50	
HE40	MCS0	2	6685	Full	37.66	37.76	40.23	40.32	
HE40	MCS0	2	6845	Full	37.66	37.76	40.41	40.41	
HE80	MCS0	2	6625	Full	76.60	76.72	81.60	82.08	
HE80	MCS0	2	6705	Full	76.72	76.84	81.76	81.92	
HE80	MCS0	2	6785	Full	76.60	76.84	80.96	82.08	
HE80	MCS0	2	6865	Full	76.84	76.60	81.28	81.12	
HE160	MCS0	2	6665	Full	154.65	154.65	162.88	162.88	
HE160	MCS0	2	6825	Full	155.12	155.84	163.52	165.44	

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
11a	6Mbps	2	6535	0.03	0.03	6.51	5.55	9.07	-3.00		6.07	24.00	Pass
11a	6Mbps	2	6695	0.03	0.03	6.21	5.47	8.87	-3.00		5.87	24.00	Pass
11a	6Mbps	2	6855	0.03	0.03	6.19	4.78	8.55	-3.00		5.55	24.00	Pass
HT20	MCS0	2	6535	0.00	0.00	6.60	5.53	9.11	-3.00		6.11	24.00	Pass
HT20	MCS0	2	6695	0.00	0.00	6.48	5.54	9.05	-3.00		6.05	24.00	Pass
HT20	MCS0	2	6855	0.00	0.00	6.97	5.58	9.34	-3.00		6.34	24.00	Pass
HT40	MCS0	2	6565	0.00	0.00	8.61	7.26	11.00	-3.00		8.00	24.00	Pass
HT40	MCS0	2	6685	0.00	0.00	8.80	6.96	10.99	-3.00		7.99	24.00	Pass
HT40	MCS0	2	6845	0.00	0.00	9.51	7.12	11.49	-3.00		8.49	24.00	Pass
VHT20	MCS0	2	6535	0.00	0.00	6.57	5.50	9.08	-3.00		6.08	24.00	Pass
VHT20	MCS0	2	6695	0.00	0.00	6.46	5.52	9.03	-3.00		6.03	24.00	Pass
VHT20	MCS0	2	6855	0.00	0.00	6.95	5.56	9.32	-3.00		6.32	24.00	Pass
VHT40	MCS0	2	6565	0.00	0.00	8.60	7.25	10.99	-3.00		7.99	24.00	Pass
VHT40	MCS0	2	6685	0.00	0.00	8.78	6.92	10.96	-3.00		7.96	24.00	Pass
VHT40	MCS0	2	6845	0.00	0.00	9.50	7.10	11.47	-3.00		8.47	24.00	Pass
VHT80	MCS0	2	6625	0.00	0.00	10.82	10.31	13.58	-3.00		10.58	24.00	Pass
VHT80	MCS0	2	6705	0.00	0.00	11.48	9.47	13.60	-3.00		10.60	24.00	Pass
VHT80	MCS0	2	6785	0.00	0.00	11.57	9.54	13.68	-3.00		10.68	24.00	Pass
VHT80	MCS0	2	6865	0.00	0.00	11.97	10.11	14.15	-3.00		11.15	24.00	Pass
VHT160	MCS0	2	6665	0.00	0.00	11.51	10.25	13.94	-3.00		10.94	24.00	Pass
VHT160	MCS0	2	6825	0.00	0.00	12.30	10.20	14.39	-3.00		11.39	24.00	Pass

Remark:

1. Directional Gain = Max. Gain (Ant. 1, Ant.2) =Max. Gain (-3dBi, -3.4dBi) = -3dBi.

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6535	Full	0.00	0.00	7.01	5.76	9.44	-3.00		6.44	24.00	Pass
HE20	MCS0	2	6535	26/0	0.00	0.00	-1.68	-3.21	0.63	-3.00		-2.37	24.00	Pass
HE20	MCS0	2	6535	52/37	0.00	0.00	1.33	-0.63	3.47	-3.00		0.47	24.00	Pass
HE20	MCS0	2	6535	106/53	0.00	0.00	4.45	2.67	6.66	-3.00		3.66	24.00	Pass
HE20	MCS0	2	6695	Full	0.00	0.00	6.88	5.74	9.36	-3.00		6.36	24.00	Pass
HE20	MCS0	2	6855	Full	0.00	0.00	7.02	5.50	9.34	-3.00		6.34	24.00	Pass
HE20	MCS0	2	6855	26/8	0.00	0.00	-1.80	-3.63	0.39	-3.00		-2.61	24.00	Pass
HE20	MCS0	2	6855	52/40	0.00	0.00	0.60	-1.20	2.80	-3.00		-0.20	24.00	Pass
HE20	MCS0	2	6855	106/54	0.00	0.00	3.65	2.16	5.98	-3.00		2.98	24.00	Pass
HE40	MCS0	2	6565	Full	0.00	0.00	9.40	8.10	11.81	-3.00		8.81	24.00	Pass
HE40	MCS0	2	6565	242/61	0.00	0.00	7.18	6.00	9.64	-3.00		6.64	24.00	Pass
HE40	MCS0	2	6685	Full	0.00	0.00	9.53	7.85	11.78	-3.00		8.78	24.00	Pass
HE40	MCS0	2	6845	Full	0.00	0.00	9.78	7.47	11.79	-3.00		8.79	24.00	Pass
HE40	MCS0	2	6845	242/62	0.00	0.00	7.86	6.30	10.16	-3.00		7.16	24.00	Pass
HE80	MCS0	2	6625	Full	0.00	0.00	11.38	10.90	14.16	-3.00		11.16	24.00	Pass
HE80	MCS0	2	6625	484/65	0.00	0.00	10.50	10.18	13.35	-3.00		10.35	24.00	Pass
HE80	MCS0	2	6705	Full	0.00	0.00	12.05	10.10	14.19	-3.00		11.19	24.00	Pass
HE80	MCS0	2	6785	Full	0.00	0.00	12.16	10.15	14.28	-3.00		11.28	24.00	Pass
HE80	MCS0	2	6785	484/66	0.00	0.00	11.21	9.26	13.35	-3.00		10.35	24.00	Pass
HE80	MCS0	2	6865	Full	0.00	0.00	11.98	10.15	14.17	-3.00		11.17	24.00	Pass
HE80	MCS0	2	6865	484/66	0.00	0.00	10.93	9.08	13.11	-3.00		10.11	24.00	Pass
HE160	MCS0	2	6665	Full	0.00	0.00	11.56	10.40	14.03	-3.00		11.03	24.00	Pass
HE160	MCS0	2	6665	996/67	0.00	0.00	9.34	8.53	11.96	-3.00		8.96	24.00	Pass
HE160	MCS0	2	6825	Full	0.00	0.00	12.37	10.28	14.46	-3.00		11.46	24.00	Pass
HE160	MCS0	2	6825	996/67	0.00	0.00	10.32	7.93	12.30	-3.00		9.30	24.00	Pass
HE160	MCS0	2	6826	996/S67	0.00	0.00	10.48	8.38	12.57	-3.00		9.57	24.00	Pass

Remark:

1. Directional Gain = Max. Gain (Ant. 1, Ant.2) =Max. Gain (-3dBi, -3.4dBi) = -3dBi.

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO													
Mod.	Data Rate	NTx	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density (dBm/MHz)		DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail	
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			SUM
11a	6Mbps	2	6535	0.03	0.03			-1.21	-0.19	-1.39	-1.00	Pass	
11a	6Mbps	2	6695	0.03	0.03			-1.30	-0.19	-1.48	-1.00	Pass	
11a	6Mbps	2	6855	0.03	0.03			-1.50	-0.19	-1.69	-1.00	Pass	
HT20	MCS0	2	6535	0.00	0.00			-1.37	-0.19	-1.55	-1.00	Pass	
HT20	MCS0	2	6695	0.00	0.00			-1.48	-0.19	-1.66	-1.00	Pass	
HT20	MCS0	2	6855	0.00	0.00			-1.61	-0.19	-1.79	-1.00	Pass	
HT40	MCS0	2	6565	0.00	0.00			-1.79	-0.19	-1.98	-1.00	Pass	
HT40	MCS0	2	6685	0.00	0.00			-1.73	-0.19	-1.92	-1.00	Pass	
HT40	MCS0	2	6845	0.00	0.00			-1.38	-0.19	-1.57	-1.00	Pass	
VHT80	MCS0	2	6625	0.00	0.00			-1.64	-0.19	-1.83	-1.00	Pass	
VHT80	MCS0	2	6705	0.00	0.00			-1.68	-0.19	-1.87	-1.00	Pass	
VHT80	MCS0	2	6785	0.00	0.00			-1.49	-0.19	-1.67	-1.00	Pass	
VHT80	MCS0	2	6865	0.00	0.00			-1.24	-0.19	-1.43	-1.00	Pass	
VHT160	MCS0	2	6665	0.00	0.00			-4.55	-0.19	-4.73	-1.00	Pass	
VHT160	MCS0	2	6825	0.00	0.00		-4.12	-0.19	-4.31	-1.00	Pass		

Remark:

1. Directional Gain = $10 \cdot \log\left(\frac{10^{\text{Ant.1 Gain}/20} + 10^{\text{Ant.2 Gain}/20}}{2}\right) = -0.19\text{dBi}$.

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO														
Mod.	Data Rate	N _{TX}	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6535	Full	0.00	0.00			-1.35	-0.19	-1.54	-1.00	Pass	
HE20	MCS0	2	6535	26/0	0.00	0.00			-1.75	-0.19	-1.94	-1.00	Pass	
HE20	MCS0	2	6535	52/37	0.00	0.00			-1.58	-0.19	-1.76	-1.00	Pass	
HE20	MCS0	2	6535	106/53	0.00	0.00			-1.38	-0.19	-1.57	-1.00	Pass	
HE20	MCS0	2	6695	Full	0.00	0.00			-1.38	-0.19	-1.57	-1.00	Pass	
HE20	MCS0	2	6855	Full	0.00	0.00			-1.41	-0.19	-1.60	-1.00	Pass	
HE20	MCS0	2	6855	26/8	0.00	0.00			-1.93	-0.19	-2.12	-1.00	Pass	
HE20	MCS0	2	6855	52/40	0.00	0.00			-2.26	-0.19	-2.45	-1.00	Pass	
HE20	MCS0	2	6855	106/54	0.00	0.00			-1.98	-0.19	-2.16	-1.00	Pass	
HE40	MCS0	2	6565	Full	0.00	0.00			-1.29	-0.19	-1.47	-1.00	Pass	
HE40	MCS0	2	6565	242/61	0.00	0.00			-1.81	-0.19	-1.99	-1.00	Pass	
HE40	MCS0	2	6685	Full	0.00	0.00			-1.21	-0.19	-1.39	-1.00	Pass	
HE40	MCS0	2	6845	Full	0.00	0.00			-1.42	-0.19	-1.61	-1.00	Pass	
HE40	MCS0	2	6845	242/62	0.00	0.00			-1.58	-0.19	-1.77	-1.00	Pass	
HE80	MCS0	2	6625	Full	0.00	0.00			-1.43	-0.19	-1.61	-1.00	Pass	
HE80	MCS0	2	6625	484/65	0.00	0.00			-1.45	-0.19	-1.63	-1.00	Pass	
HE80	MCS0	2	6705	Full	0.00	0.00			-1.39	-0.19	-1.57	-1.00	Pass	
HE80	MCS0	2	6785	Full	0.00	0.00			-1.30	-0.19	-1.48	-1.00	Pass	
HE80	MCS0	2	6785	484/66	0.00	0.00			-1.64	-0.19	-1.83	-1.00	Pass	
HE80	MCS0	2	6865	Full	0.00	0.00			-1.58	-0.19	-1.77	-1.00	Pass	
HE80	MCS0	2	6865	484/66	0.00	0.00		-1.94	-0.19	-2.13	-1.00	Pass		
HE160	MCS0	2	6665	Full	0.00	0.00		-4.77	-0.19	-4.96	-1.00	Pass		
HE160	MCS0	2	6665	996/67	0.00	0.00		-5.28	-0.19	-5.47	-1.00	Pass		
HE160	MCS0	2	6825	Full	0.00	0.00		-4.37	-0.19	-4.56	-1.00	Pass		
HE160	MCS0	2	6825	996/67	0.00	0.00		-4.88	-0.19	-5.06	-1.00	Pass		
HE160	MCS0	2	6826	996/S67	0.00	0.00		-5.13	-0.19	-5.32	-1.00	Pass		

Remark:

1. Directional Gain = $10 \cdot \log\{((10^{(\text{Ant.1 Gain}/20)} + 10^{(\text{Ant.2 Gain}/20)})^2/2\} = -0.19\text{dBi}$.

TEST RESULTS DATA
26dB EBW and 99% OBW

U-NII-8 MIMO								
Mod.	Data Rate	N _{TX}	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	6875	16.58	16.58	21.10	20.30	
11a	6Mbps	2	6895	16.53	16.58	20.65	20.45	
11a	6Mbps	2	6995	16.53	16.53	19.95	20.00	
11a	6Mbps	2	7115	16.48	16.53	19.70	20.50	
HT20	MCS0	2	6875	17.48	17.53	19.90	19.95	
HT20	MCS0	2	6895	17.48	17.48	19.95	19.70	
HT20	MCS0	2	6995	17.53	17.48	19.70	20.10	
HT20	MCS0	2	7115	17.48	17.53	19.55	19.95	
HT40	MCS0	2	6885	35.96	35.86	39.96	39.60	
HT40	MCS0	2	6925	35.96	35.96	40.05	39.96	
HT40	MCS0	2	6965	35.96	35.86	40.05	39.69	
HT40	MCS0	2	7085	35.96	35.96	39.78	39.78	
VHT80	MCS0	2	6945	75.04	75.04	80.96	81.92	
VHT80	MCS0	2	7025	75.04	75.16	81.92	81.76	
VHT160	MCS0	2	6985	152.01	153.69	163.84	162.24	

TEST RESULTS DATA
26dB EBW and 99% OBW

U-NII-8 MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	6875	Full	18.83	18.83	20.55	20.80	
HE20	MCS0	2	6895	Full	18.83	18.88	20.55	20.80	
HE20	MCS0	2	6995	Full	18.78	18.83	20.65	20.85	
HE20	MCS0	2	7115	Full	18.88	18.88	20.50	20.70	
HE40	MCS0	2	6885	Full	37.66	37.76	40.23	40.50	
HE40	MCS0	2	6925	Full	37.66	37.66	40.50	40.41	
HE40	MCS0	2	6965	Full	37.66	37.66	40.05	40.14	
HE40	MCS0	2	7085	Full	37.66	37.76	40.23	40.23	
HE80	MCS0	2	6945	Full	76.84	76.84	81.12	81.44	
HE80	MCS0	2	7025	Full	76.60	76.72	81.28	81.44	
HE160	MCS0	2	6985	Full	152.73	155.12	162.88	162.80	

TEST RESULTS DATA
EIRP Power Table

U-NII-8 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2			
11a	6Mbps	2	6875	0.03	0.03	8.21	6.26	10.35	-4.70		5.65	24.00	Pass
11a	6Mbps	2	6895	0.03	0.03	8.31	6.31	10.43	-4.70		5.73	24.00	Pass
11a	6Mbps	2	6995	0.03	0.03	7.76	6.15	10.04	-4.70		5.34	24.00	Pass
11a	6Mbps	2	7115	0.03	0.00	10.06	10.61	13.35	-4.70		8.65	24.00	Pass
HT20	MCS0	2	6875	0.00	0.00	8.60	7.15	10.95	-4.70		6.25	24.00	Pass
HT20	MCS0	2	6895	0.00	0.00	8.72	7.24	11.05	-4.70		6.35	24.00	Pass
HT20	MCS0	2	6995	0.00	0.00	8.24	7.02	10.68	-4.70		5.98	24.00	Pass
HT20	MCS0	2	7115	0.00	0.00	10.13	10.66	13.41	-4.70		8.71	24.00	Pass
HT40	MCS0	2	6885	0.00	0.00	11.60	10.07	13.91	-4.70		9.21	24.00	Pass
HT40	MCS0	2	6925	0.00	0.00	11.23	10.03	13.68	-4.70		8.98	24.00	Pass
HT40	MCS0	2	6965	0.00	0.00	11.45	10.00	13.80	-4.70		9.10	24.00	Pass
HT40	MCS0	2	7085	0.00	0.00	11.13	11.54	14.35	-4.70		9.65	24.00	Pass
VHT20	MCS0	2	6875	0.00	0.00	8.58	7.13	10.93	-4.70		6.23	24.00	Pass
VHT20	MCS0	2	6895	0.00	0.00	8.70	7.23	11.04	-4.70		6.34	24.00	Pass
VHT20	MCS0	2	6995	0.00	0.00	8.21	7.00	10.66	-4.70		5.96	24.00	Pass
VHT20	MCS0	2	7115	0.00	0.00	10.11	10.64	13.39	-4.70		8.69	24.00	Pass
VHT40	MCS0	2	6885	0.00	0.00	11.58	10.06	13.90	-4.70		9.20	24.00	Pass
VHT40	MCS0	2	6925	0.00	0.00	11.21	10.01	13.66	-4.70		8.96	24.00	Pass
VHT40	MCS0	2	6965	0.00	0.00	11.43	9.98	13.78	-4.70		9.08	24.00	Pass
VHT40	MCS0	2	7085	0.00	0.00	11.10	11.52	14.33	-4.70		9.63	24.00	Pass
VHT80	MCS0	2	6945	0.00	0.00	12.33	10.65	14.58	-4.70		9.88	24.00	Pass
VHT80	MCS0	2	7025	0.00	0.00	11.38	10.35	13.91	-4.70		9.21	24.00	Pass
VHT160	MCS0	2	6985	0.00	0.00	10.26	8.74	12.58	-4.70		7.88	24.00	Pass

Remark:

1. Directional Gain = Max. Gain (Ant. 1, Ant.2) =Max. Gain (-4.7dBi, -5.5dBi) = -4.7dBi.

TEST RESULTS DATA
EIRP Power Table

U-NII-8 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6875	Full	0.00	0.00	8.82	7.15	11.08	-4.70		6.38	24.00	Pass
HE20	MCS0	2	6875	26/0	0.00	0.00	0.83	-1.05	3.00	-4.70		-1.70	24.00	Pass
HE20	MCS0	2	6875	52/37	0.00	0.00	3.36	1.65	5.60	-4.70		0.90	24.00	Pass
HE20	MCS0	2	6875	106/53	0.00	0.00	6.43	5.14	8.84	-4.70		4.14	24.00	Pass
HE20	MCS0	2	6895	Full	0.00	0.00	8.94	7.13	11.14	-4.70		6.44	24.00	Pass
HE20	MCS0	2	6895	26/0	0.00	0.00	1.13	-0.78	3.29	-4.70		-1.41	24.00	Pass
HE20	MCS0	2	6895	52/37	0.00	0.00	3.62	2.43	6.08	-4.70		1.38	24.00	Pass
HE20	MCS0	2	6895	106/53	0.00	0.00	6.57	4.88	8.82	-4.70		4.12	24.00	Pass
HE20	MCS0	2	6995	Full	0.00	0.00	8.50	6.83	10.76	-4.70		6.06	24.00	Pass
HE20	MCS0	2	7115	Full	0.00	0.00	10.45	10.85	13.66	-4.70		8.96	24.00	Pass
HE20	MCS0	2	7115	26/8	0.00	0.00	2.91	2.76	5.85	-4.70		1.15	24.00	Pass
HE20	MCS0	2	7115	52/40	0.00	0.00	5.07	5.87	8.50	-4.70		3.80	24.00	Pass
HE20	MCS0	2	7115	106/54	0.00	0.00	8.16	8.60	11.40	-4.70		6.70	24.00	Pass
HE40	MCS0	2	6885	Full	0.00	0.00	11.28	9.81	13.62	-4.70		8.92	24.00	Pass
HE40	MCS0	2	6885	242/61	0.00	0.00	9.63	8.84	12.26	-4.70		7.56	24.00	Pass
HE40	MCS0	2	6925	Full	0.00	0.00	11.03	9.78	13.46	-4.70		8.76	24.00	Pass
HE40	MCS0	2	6925	242/61	0.00	0.00	9.59	8.47	12.08	-4.70		7.38	24.00	Pass
HE40	MCS0	2	6965	Full	0.00	0.00	11.25	9.73	13.57	-4.70		8.87	24.00	Pass
HE40	MCS0	2	7085	Full	0.00	0.00	11.04	11.35	14.21	-4.70		9.51	24.00	Pass
HE40	MCS0	2	7085	242/62	0.00	0.00	9.45	9.77	12.62	-4.70		7.92	24.00	Pass
HE80	MCS0	2	6945	Full	0.00	0.00	12.17	10.48	14.42	-4.70		9.72	24.00	Pass
HE80	MCS0	2	6945	484/65	0.00	0.00	11.08	9.91	13.54	-4.70		8.84	24.00	Pass
HE80	MCS0	2	7025	Full	0.00	0.00	11.30	10.20	13.80	-4.70		9.10	24.00	Pass
HE80	MCS0	2	7025	484/66	0.00	0.00	10.26	10.37	13.33	-4.70		8.63	24.00	Pass
HE160	MCS0	2	6985	Full	0.00	0.00	10.30	8.74	12.60	-4.70		7.90	24.00	Pass
HE160	MCS0	2	6985	996/67	0.00	0.00	8.50	7.44	11.01	-4.70		6.31	24.00	Pass
HE160	MCS0	2	6985	996/S67	0.00	0.00	8.57	8.19	11.39	-4.70		6.69	24.00	Pass

Remark:

1. Directional Gain = Max. Gain (Ant. 1, Ant.2) =Max. Gain (-4.7dBi, -5.5dBi) = -4.7dBi.

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-8 MIMO													
Mod.	Data Rate	N _{TX}	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6875	0.03	0.03			0.52	-2.08		-1.57	-1.00	Pass
11a	6Mbps	2	6895	0.03	0.03			0.58	-2.08		-1.50	-1.00	Pass
11a	6Mbps	2	6995	0.03	0.03			0.30	-2.08		-1.78	-1.00	Pass
11a	6Mbps	2	7115	0.03	0.03			0.79	-2.08		-1.29	-1.00	Pass
HT20	MCS0	2	6875	0.00	0.00			0.50	-2.08		-1.58	-1.00	Pass
HT20	MCS0	2	6895	0.00	0.00			0.65	-2.08		-1.44	-1.00	Pass
HT20	MCS0	2	6995	0.00	0.00			0.35	-2.08		-1.73	-1.00	Pass
HT20	MCS0	2	7115	0.00	0.00			0.36	-2.08		-1.72	-1.00	Pass
HT40	MCS0	2	6885	0.00	0.00			0.68	-2.08		-1.40	-1.00	Pass
HT40	MCS0	2	6925	0.00	0.00			0.64	-2.08		-1.44	-1.00	Pass
HT40	MCS0	2	6965	0.00	0.00			0.78	-2.08		-1.30	-1.00	Pass
HT40	MCS0	2	7085	0.00	0.00			-1.18	-2.08		-3.26	-1.00	Pass
VHT80	MCS0	2	6945	0.00	0.00			-1.06	-2.08		-3.14	-1.00	Pass
VHT80	MCS0	2	7025	0.00	0.00			-3.28	-2.08		-5.36	-1.00	Pass
VHT160	MCS0	2	6985	0.00	0.00			-6.02	-2.08		-8.10	-1.00	Pass

Remark:

1. Directional Gain = $10 \cdot \log\left(\frac{10^{\text{Ant.1 Gain}/20} + 10^{\text{Ant.2 Gain}/20}}{2}\right) = -2.08\text{dBi}$.

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-8 MIMO														
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6875	Full	0.00	0.00				0.58	-2.08	-1.50	-1.00	Pass
HE20	MCS0	2	6875	26/0	0.00	0.00				0.37	-2.08	-1.71	-1.00	Pass
HE20	MCS0	2	6875	52/37	0.00	0.00				0.24	-2.08	-1.85	-1.00	Pass
HE20	MCS0	2	6875	106/53	0.00	0.00				0.24	-2.08	-1.84	-1.00	Pass
HE20	MCS0	2	6895	Full	0.00	0.00				0.76	-2.08	-1.33	-1.00	Pass
HE20	MCS0	2	6895	26/0	0.00	0.00				0.25	-2.08	-1.83	-1.00	Pass
HE20	MCS0	2	6895	52/37	0.00	0.00				0.53	-2.08	-1.55	-1.00	Pass
HE20	MCS0	2	6895	106/53	0.00	0.00				0.41	-2.08	-1.67	-1.00	Pass
HE20	MCS0	2	6995	Full	0.00	0.00				0.50	-2.08	-1.58	-1.00	Pass
HE20	MCS0	2	7115	Full	0.00	0.00				0.46	-2.08	-1.62	-1.00	Pass
HE20	MCS0	2	7115	26/8	0.00	0.00				0.03	-2.08	-2.06	-1.00	Pass
HE20	MCS0	2	7115	52/40	0.00	0.00				0.15	-2.08	-1.93	-1.00	Pass
HE20	MCS0	2	7115	106/54	0.00	0.00				0.33	-2.08	-1.75	-1.00	Pass
HE40	MCS0	2	6885	Full	0.00	0.00				0.32	-2.08	-1.76	-1.00	Pass
HE40	MCS0	2	6885	242/61	0.00	0.00				-0.02	-2.08	-2.10	-1.00	Pass
HE40	MCS0	2	6925	Full	0.00	0.00				0.32	-2.08	-1.76	-1.00	Pass
HE40	MCS0	2	6925	242/61	0.00	0.00				0.07	-2.08	-2.01	-1.00	Pass
HE40	MCS0	2	6965	Full	0.00	0.00				0.48	-2.08	-1.61	-1.00	Pass
HE40	MCS0	2	7085	Full	0.00	0.00				-1.71	-2.08	-3.79	-1.00	Pass
HE40	MCS0	2	7085	242/62	0.00	0.00				-1.99	-2.08	-4.07	-1.00	Pass
HE80	MCS0	2	6945	Full	0.00	0.00	-1.09	-2.08	-3.17	-1.00	Pass			
HE80	MCS0	2	6945	484/65	0.00	0.00	-1.54	-2.08	-3.62	-1.00	Pass			
HE80	MCS0	2	7025	Full	0.00	0.00	-3.37	-2.08	-5.45	-1.00	Pass			
HE80	MCS0	2	7025	484/66	0.00	0.00	-3.67	-2.08	-5.75	-1.00	Pass			
HE160	MCS0	2	6985	Full	0.00	0.00	-5.94	-2.08	-8.02	-1.00	Pass			
HE160	MCS0	2	6985	996/67	0.00	0.00	-6.01	-2.08	-8.09	-1.00	Pass			
HE160	MCS0	2	6985	996/S67	0.00	0.00	-6.92	-2.08	-9.00	-1.00	Pass			

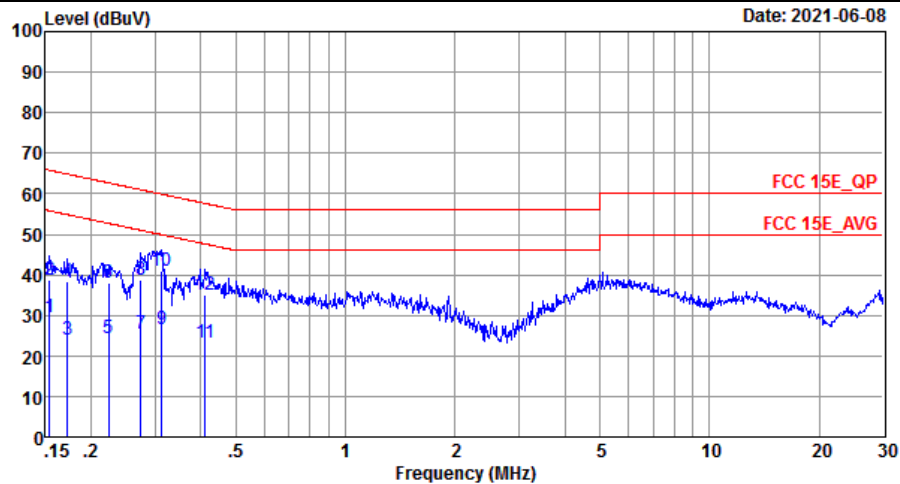
Remark:

1. Directional Gain = $10 \cdot \log\left\{\left(10^{(\text{Ant.1 Gain}/20)} + 10^{(\text{Ant.2 Gain})/2}\right)^2/2\right\} = -2.08\text{dBi}$.



Appendix B. AC Conducted Emission Test Results

Test Engineer :	Xie YuQiang	Temperature :	22~25°C
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

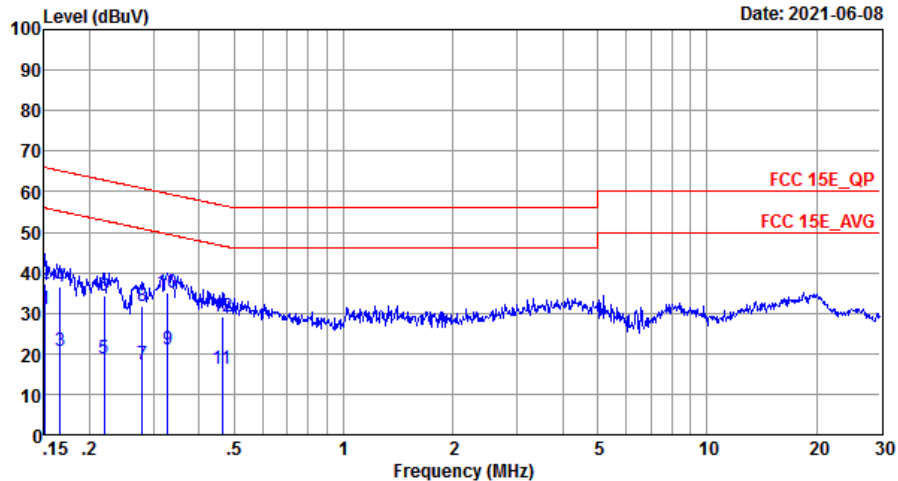


Site : CO01-SZ
Condition: FCC 15E_QP LISN_20201030_L LINE

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	29.59	-26.19	55.78	19.50	0.08	10.01	Average
2	0.15	38.89	-26.89	65.78	28.80	0.08	10.01	QP
3	0.17	24.00	-30.86	54.86	13.90	0.08	10.02	Average
4	0.17	38.40	-26.46	64.86	28.30	0.08	10.02	QP
5	0.22	24.49	-28.21	52.70	14.40	0.06	10.03	Average
6	0.22	38.09	-24.61	62.70	28.00	0.06	10.03	QP
7	0.27	25.46	-25.52	50.98	15.39	0.03	10.04	Average
8	0.27	38.86	-22.12	60.98	28.79	0.03	10.04	QP
9	0.31	26.56	-23.32	49.88	16.50	0.02	10.04	Average
10 *	0.31	40.96	-18.92	59.88	30.90	0.02	10.04	QP
11	0.41	23.13	-24.46	47.59	13.00	0.08	10.05	Average
12	0.41	35.23	-22.36	57.59	25.10	0.08	10.05	QP



Test Engineer :	Xie YuQiang	Temperature :	22~25°C
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-SZ

Condition: FCC 15E_QP LISN_20201030_N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.15	30.89	-25.07	55.96	20.80	0.08	10.01	Average
2	0.15	37.39	-28.57	65.96	27.30	0.08	10.01	QP
3	0.17	20.80	-34.36	55.16	10.70	0.08	10.02	Average
4	0.17	36.60	-28.56	65.16	26.50	0.08	10.02	QP
5	0.22	18.80	-34.03	52.83	8.71	0.06	10.03	Average
6	0.22	34.30	-28.53	62.83	24.21	0.06	10.03	QP
7	0.28	17.16	-33.69	50.85	7.10	0.02	10.04	Average
8	0.28	31.56	-29.29	60.85	21.50	0.02	10.04	QP
9	0.33	20.97	-28.52	49.49	10.90	0.03	10.04	Average
10 *	0.33	35.17	-24.32	59.49	25.10	0.03	10.04	QP
11	0.46	16.24	-30.39	46.63	6.10	0.09	10.05	Average
12	0.46	29.04	-27.59	56.63	18.90	0.09	10.05	QP



Appendix C. Radiated Spurious Emission

Test Engineer :	Yuwei Li	Temperature :	24~25°C
		Relative Humidity :	48~49%

UNII-5 - 5925~6425MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 01 5955MHz		5862.24	46.62	-41.58	88.2	38.91	32.6	8.44	33.33	100	244	P	H
		5899.48	39.85	-28.35	68.2	31.99	32.68	8.5	33.32	100	244	A	H
		5955	84.41	-	-	76.38	32.8	8.54	33.31	100	244	P	H
		5955	79.86	-	-	71.83	32.8	8.54	33.31	100	244	A	H
		5918.24	47.61	-40.59	88.2	39.7	32.72	8.51	33.32	104	343	P	V
		5859.44	39.67	-28.53	68.2	31.96	32.6	8.44	33.33	104	343	A	V
		5955	93.59	-	-	85.56	32.8	8.54	33.31	104	343	P	V
		5955	87.47	-	-	79.44	32.8	8.54	33.31	104	343	A	V
802.11n HT20 CH 45 6175MHz		6175	82.95	-	-	74.49	33.33	8.56	33.43	220	343	P	H
		6175	76.13	-	-	67.67	33.33	8.56	33.43	309	343	A	H
		6175	95.47	-	-	87.01	33.33	8.56	33.43	100	344	P	V
		6175	88.6	-	-	80.14	33.33	8.56	33.43	100	344	A	V
802.11n HT20 CH 93 6415MHz		6415	88.58	-	-	79.86	33.95	8.41	33.64	100	343	P	H
		6415	83.48	-	-	74.76	33.95	8.41	33.64	100	343	A	H
		6415	95.33	-	-	86.61	33.95	8.41	33.64	100	344	P	V
		6415	92.81	-	-	84.09	33.95	8.41	33.64	100	344	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-5 5925~6425MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 01 5955MHz		11910	50.71	-23.29	74	56.81	39.3	11.89	57.29	201	0	P	H
		17865	50.84	-23.16	74	44.9	47.12	15.91	57.09	100	0	P	H
		11910	50.88	-23.12	74	56.98	39.3	11.89	57.29	201	0	P	V
		17865	49.65	-24.35	74	43.71	47.12	15.91	57.09	100	0	P	V
802.11n HT20 CH 45 6175MHz		12350	49.61	-24.39	74	55.46	39.51	12.09	57.45	100	0	P	H
		18525	33.29	-40.71	74	47.42	37.31	10.84	52.74	150	360	P	H
		12350	49.64	-24.36	74	55.49	39.51	12.09	57.45	100	0	P	V
		18525	33.97	-40.03	74	48.1	37.31	10.84	52.74	150	0	P	V
802.11n HT20 CH 93 6415MHz		12830	49.6	-38.6	88.2	55.31	39.8	12.27	57.78	100	0	P	H
		19245	31.52	-42.48	74	44.87	37.55	11.42	52.78	150	360	P	H
		12830	49.67	-38.53	88.2	55.38	39.8	12.27	57.78	100	0	P	V
		19245	32.15	-41.85	74	45.5	37.55	11.42	52.78	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-5 5925~6425MHz
WIFI 802.11ax HE40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 CH 03 5965MHz		5909.32	46.32	-41.88	88.2	38.41	32.72	8.51	33.32	102	265	P	H
		5919.08	39.68	-28.52	68.2	31.77	32.72	8.51	33.32	102	265	A	H
	*	5965	85.17	-	-	77.09	32.84	8.55	33.31	102	265	P	H
		5965	80.45	-	-	72.37	32.84	8.55	33.31	102	265	A	H
		5918.12	46.32	-41.88	88.2	38.41	32.72	8.51	33.32	105	344	P	V
		5917.64	40.87	-27.33	68.2	32.96	32.72	8.51	33.32	105	344	A	V
	*	5965	92.35	-	-	84.27	32.84	8.55	33.31	105	344	P	V
		5965	87.79	-	-	79.71	32.84	8.55	33.31	105	344	A	V
802.11ax HE40 CH 43 6165MHz		6165	85.94	-	-	77.48	33.33	8.56	33.43	100	282	P	H
		6165	79.3	-	-	70.84	33.33	8.56	33.43	100	282	A	H
		6165	94.04	-	-	85.58	33.33	8.56	33.43	125	344	P	V
		6165	87.81	-	-	79.35	33.33	8.56	33.43	125	344	A	V
802.11ax HE40 CH 91 6405MHz		6405	89.15	-	-	80.48	33.91	8.38	33.62	100	345	P	H
		6405	85.99	-	-	77.32	33.91	8.38	33.62	100	345	A	H
		6405	98.62	-	-	89.95	33.91	8.38	33.62	100	344	P	V
		6405	94.06	-	-	85.39	33.91	8.38	33.62	100	344	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-5 5925~6425MHz

WIFI 802.11ax HE40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11930	50.04	-23.96	74	56.11	39.3	11.9	57.27	201	0	P	H
HE40		17895	50.52	-23.48	74	44.25	47.34	15.97	57.04	100	0	P	H
CH 03		11930	49.95	-24.05	74	56.02	39.3	11.9	57.27	201	0	P	V
5965MHz		17895	50.14	-23.86	74	43.87	47.34	15.97	57.04	100	0	P	V
802.11ax		12330	50.29	-23.71	74	56.15	39.49	12.08	57.43	100	0	P	H
HE40		18495	32.54	-41.46	74	46.67	37.3	10.81	52.7	150	360	P	H
CH 43		12330	50.51	-23.49	74	56.37	39.49	12.08	57.43	100	0	P	V
6165MHz		18495	32.97	-41.03	74	47.1	37.3	10.81	52.7	150	0	P	V
802.11ax		12810	50.65	-37.55	88.2	56.37	39.79	12.26	57.77	100	0	P	H
HE40		19215	32.39	-41.61	74	45.88	37.54	11.41	52.9	150	360	P	H
CH 91		12810	50.48	-37.72	88.2	56.2	39.79	12.26	57.77	100	0	P	V
6405MHz		19215	31.8	-42.2	74	45.29	37.54	11.41	52.9	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-5 5925~6425MHz
WIFI 802.11ax HE80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 CH 07 5985MHz		5888.52	46.76	-41.44	88.2	38.91	32.68	8.5	33.33	100	268	P	H
		5923.4	40.8	-27.4	68.2	32.82	32.76	8.53	33.31	100	268	A	H
	*	5985	87.14	-	-	78.99	32.89	8.57	33.31	100	268	P	H
		5985	79.26	-	-	71.11	32.89	8.57	33.31	100	268	A	H
		5913.48	47.7	-40.5	88.2	39.79	32.72	8.51	33.32	107	344	P	V
		5916.84	42.89	-25.31	68.2	34.98	32.72	8.51	33.32	107	344	A	V
	*	5985	92.92	-	-	84.77	32.89	8.57	33.31	107	344	P	V
		5985	87.32	-	-	79.17	32.89	8.57	33.31	107	344	A	V
802.11ax HE80 CH 39 6145MHz		6145	84.41	-	-	76.01	33.29	8.52	33.41	102	283	P	H
		6145	78.4	-	-	70	33.29	8.52	33.41	102	283	A	H
		6145	96.91	-	-	88.51	33.29	8.52	33.41	112	349	P	V
		6145	87.58	-	-	79.18	33.29	8.52	33.41	112	349	A	V
802.11ax HE80 CH 87 6385MHz		6385	88.53	-	-	79.87	33.87	8.38	33.59	128	342	P	H
		6385	81.75	-	-	73.09	33.87	8.38	33.59	128	342	A	H
		6385	97.94	-	-	89.28	33.87	8.38	33.59	135	338	P	V
		6385	92.29	-	-	83.63	33.87	8.38	33.59	135	338	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-5 5925~6425MHz

WIFI 802.11ax HE80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11970	50.7	-23.3	74	56.71	39.3	11.93	57.24	201	0	P	H
HE80		17955	50.42	-23.58	74	43.67	47.67	16.05	56.97	100	0	P	H
CH 07		11970	50.33	-23.67	74	56.34	39.3	11.93	57.24	201	0	P	V
5985MHz		17955	49.88	-24.12	74	43.13	47.67	16.05	56.97	100	0	P	V
802.11ax		12830	49.77	-38.43	88.2	55.48	39.8	12.27	57.78	100	0	P	H
HE80		18435	33.13	-40.87	74	47.65	37.12	10.76	52.86	150	360	P	H
CH 39		12830	49.55	-38.65	88.2	55.26	39.8	12.27	57.78	100	0	P	V
6145MHz		18435	32.85	-41.15	74	47.37	37.12	10.76	52.86	150	0	P	V
802.11ax		12770	50.45	-37.75	88.2	56.18	39.76	12.24	57.73	100	0	P	H
HE80		19155	32.04	-41.96	74	45.81	37.53	11.38	53.14	150	360	P	H
CH 87		12770	50.19	-38.01	88.2	55.92	39.76	12.24	57.73	100	0	P	V
6385MHz		19155	31.4	-42.6	74	45.17	37.53	11.38	53.14	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-5 5925~6425MHz
WIFI 802.11ax HE160 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 CH 15 6025MHz		5895.56	48.2	-40	88.2	40.34	32.68	8.5	33.32	100	240	P	H
		5918.24	41.58	-26.62	68.2	33.67	32.72	8.51	33.32	100	240	A	H
	*	6025	82.39	-	-	74.16	33.01	8.52	33.3	100	240	P	H
		6025	75.81	-	-	67.58	33.01	8.52	33.3	100	240	A	H
		5897.52	51.45	-36.75	88.2	43.59	32.68	8.5	33.32	100	338	P	V
		5889.96	46.21	-21.99	68.2	38.36	32.68	8.5	33.33	100	338	A	V
	*	6025	90.5	-	-	82.27	33.01	8.52	33.3	100	338	P	V
		6025	83.92	-	-	75.69	33.01	8.52	33.3	100	338	A	V
802.11ax HE160 CH 47 6185MHz		6185	80.05	-	-	71.52	33.38	8.6	33.45	100	282	P	H
		6185	74.45	-	-	65.92	33.38	8.6	33.45	100	282	A	H
		6185	91.48	-	-	82.95	33.38	8.6	33.45	100	338	P	V
		6185	84.66	-	-	76.13	33.38	8.6	33.45	100	338	A	V
802.11ax HE160 CH 79 6345MHz		6345	84.51	-	-	75.98	33.74	8.36	33.57	144	327	P	H
		6345	78.87	-	-	70.34	33.74	8.36	33.57	144	327	A	H
		6345	92.42	-	-	83.89	33.74	8.36	33.57	124	353	P	V
		6345	88.35	-	-	79.82	33.74	8.36	33.57	124	353	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-5 5925~6425MHz
WIFI 802.11ax HE160 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 CH 15 6025MHz		12050	49.37	-24.63	74	55.3	39.33	11.98	57.24	100	0	P	H
		18075	30.53	-43.47	74	47.22	36.28	10.36	53.79	150	360	P	H
		12050	49.03	-24.97	74	54.96	39.33	11.98	57.24	100	0	P	V
		18075	30.67	-43.33	74	47.36	36.28	10.36	53.79	150	0	P	V
802.11ax HE160 CH 47 6185MHz		12370	50.11	-23.89	74	55.94	39.53	12.1	57.46	100	0	P	H
		18555	32.29	-41.71	74	46.46	37.32	10.86	52.81	150	360	P	H
		12370	50.57	-23.43	74	56.4	39.53	12.1	57.46	100	0	P	V
		18555	33.03	-40.97	74	47.2	37.32	10.86	52.81	150	0	P	V
802.11ax HE160 CH 79 6345MHz		12690	50.82	-23.18	74	56.57	39.72	12.22	57.69	100	0	P	H
		19035	31.34	-42.66	74	45.69	37.51	11.3	53.62	150	360	P	H
		12690	50.06	-23.94	74	55.81	39.72	12.22	57.69	100	0	P	V
		19035	32.27	-41.73	74	46.62	37.51	11.3	53.62	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-6 - 6425~6525MHz

WIFI 802.11ax HE20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax		6435	86.12	-	-	77.32	33.99	8.45	33.64	144	189	P	H
HE20		6435	82.15	-	-	73.35	33.99	8.45	33.64	144	189	A	H
CH 97		6435	100.07	-	-	91.27	33.99	8.45	33.64	100	360	P	V
6435MHz		6435	92.47	-	-	83.67	33.99	8.45	33.64	100	360	A	V
802.11ax		6475	89.9	-	-	80.99	34.07	8.52	33.68	162	191	P	H
HE20		6475	82.92	-	-	74.01	34.07	8.52	33.68	162	191	A	H
CH 105		6475	99.75	-	-	90.84	34.07	8.52	33.68	102	353	P	V
6475MHz		6475	94	-	-	85.09	34.07	8.52	33.68	102	353	A	V
802.11ax	*	6515	90.25	-	-	81.21	34.15	8.59	33.7	163	206	P	H
HE20		6515	84.53	-	-	75.49	34.15	8.59	33.7	163	206	A	H
CH 113	*	6515	98.28	-	-	89.24	34.15	8.59	33.7	133	360	P	V
6515MHz		6515	94.18	-	-	85.14	34.15	8.59	33.7	133	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-6 6425~6525MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		12870	50.57	-37.63	88.2	56.28	39.82	12.28	57.81	100	0	P	H
HE20		19305	31.95	-42.05	74	45.01	37.56	11.45	52.53	150	360	P	H
CH 97		12870	50	-38.2	88.2	55.71	39.82	12.28	57.81	100	0	P	V
6435MHz		19305	32.26	-41.74	74	45.32	37.56	11.45	52.53	150	0	P	V
802.11ax		12950	50.55	-37.65	88.2	56.23	39.87	12.31	57.86	100	0	P	H
HE20		19425	34.1	-39.9	74	46.61	37.58	11.5	52.05	150	360	P	H
CH 105		12950	50.93	-37.27	88.2	56.61	39.87	12.31	57.86	100	0	P	V
6475MHz		19425	32.09	-41.91	74	44.6	37.58	11.5	52.05	150	0	P	V
802.11ax		13030	50.08	-38.12	88.2	55.76	39.92	12.34	57.94	100	0	P	H
HE20		19545	33.23	-40.77	74	45.18	37.62	11.56	51.59	150	360	P	H
CH 113		13030	50.06	-38.14	88.2	55.74	39.92	12.34	57.94	100	0	P	V
6515MHz		19545	35	-39	74	46.95	37.62	11.56	51.59	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-6 6425~6525MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		6445	89.6	-	-	80.82	33.99	8.45	33.66	100	114	P	H
HT40		6445	83.74	-	-	74.96	33.99	8.45	33.66	100	114	A	H
CH 99		6445	98.96	-	-	90.18	33.99	8.45	33.66	115	353	P	V
6445MHz		6445	93.32	-	-	84.54	33.99	8.45	33.66	115	353	A	V
802.11n		6485	90.99	-	-	82	34.11	8.56	33.68	104	114	P	H
HT40		6485	85.02	-	-	76.03	34.11	8.56	33.68	104	114	A	H
CH 107		6485	100.17	-	-	91.18	34.11	8.56	33.68	113	354	P	V
6485MHz		6485	93.88	-	-	84.89	34.11	8.56	33.68	113	354	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-6 6425~6525MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		12890	50.28	-37.92	88.2	55.98	39.83	12.29	57.82	100	0	P	H
HT40		19335	32.01	-41.99	74	44.94	37.56	11.46	52.41	150	360	P	H
CH 99		12890	50.19	-38.01	88.2	55.89	39.83	12.29	57.82	100	0	P	V
6445MHz		19335	32.88	-41.12	74	45.81	37.56	11.46	52.41	150	0	P	V
802.11n		12970	50.44	-37.76	88.2	56.12	39.88	12.32	57.88	100	0	P	H
HT40		19455	32.82	-41.18	74	45.18	37.59	11.52	51.93	150	360	P	H
CH 107		12970	50.93	-37.27	88.2	56.61	39.88	12.32	57.88	100	0	P	V
6485MHz		19455	33.19	-40.81	74	45.55	37.59	11.52	51.93	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-6 6425~6525MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		6465	89.29	-	-	80.43	34.03	8.49	33.66	103	114	P	H
VHT80		6465	83.45	-	-	74.59	34.03	8.49	33.66	103	114	A	H
CH 103		6465	98.89	-	-	90.03	34.03	8.49	33.66	105	352	P	V
6465MHz		6465	93.24	-	-	84.38	34.03	8.49	33.66	105	352	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-6 6425~6525MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		12930	50.55	-37.65	88.2	56.24	39.86	12.3	57.85	100	0	P	H
VHT80		19395	32.58	-41.42	74	45.22	37.58	11.49	52.17	150	360	P	H
CH 103		12930	51.79	-36.41	88.2	57.48	39.86	12.3	57.85	100	0	P	V
6465MHz		19395	32.73	-41.27	74	45.37	37.58	11.49	52.17	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-7 - 6525~6875MHz

WIFI 802.11ax HE20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax		6535	89.24	-	-	80.19	34.23	8.51	33.69	100	114	P	H
HE20		6535	85.06	-	-	76.01	34.23	8.51	33.69	100	114	A	H
CH 117		6535	97.57	-	-	88.52	34.23	8.51	33.69	114	360	P	V
6535MHz		6535	93.8	-	-	84.75	34.23	8.51	33.69	114	360	A	V
802.11ax		6695	87.32	-	-	77.92	34.6	8.46	33.66	100	81	P	H
HE20		6695	81.99	-	-	72.59	34.6	8.46	33.66	100	81	A	H
CH 149		6695	96.55	-	-	87.15	34.6	8.46	33.66	166	355	P	V
6695MHz		6695	91.16	-	-	81.76	34.6	8.46	33.66	166	355	A	V
802.11ax	*	6855	89.85	-	-	79.72	35.15	8.61	33.63	235	340	P	H
HE20		6855	84.18	-	-	74.05	35.15	8.61	33.63	235	340	A	H
CH 181	*	6855	97.46	-	-	87.33	35.15	8.61	33.63	234	334	P	V
6855MHz		6855	91.45	-	-	81.32	35.15	8.61	33.63	234	334	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-7 - 6525~6875MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		13070	50.64	-37.56	88.2	56.31	39.94	12.36	57.97	100	0	P	H
HE20		19605	33.61	-40.39	74	45.3	37.64	11.58	51.37	150	360	P	H
CH 117		13070	49.98	-38.22	88.2	55.65	39.94	12.36	57.97	100	0	P	V
6535MHz		19605	33.32	-40.68	74	45.01	37.64	11.58	51.37	150	0	P	V
802.11ax		13390	49.56	-24.44	74	55.26	40.14	12.49	58.33	100	0	P	H
HE20		20085	34.77	-39.23	74	44.66	37.88	11.2	49.43	150	360	P	H
CH 149		13390	50.2	-23.8	74	55.9	40.14	12.49	58.33	100	0	P	V
6695MHz		20085	34.43	-39.57	74	44.32	37.88	11.2	49.43	150	0	P	V
802.11ax		13710	49.85	-38.35	88.2	55.57	40.33	12.63	58.68	100	0	P	H
HE20		20565	36.28	-37.72	74	43.14	38.34	11.61	47.27	150	360	P	H
CH 181		13710	50.68	-37.52	88.2	56.4	40.33	12.63	58.68	100	0	P	V
6855MHz		20565	36.76	-37.24	74	43.62	38.34	11.61	47.27	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-7 - 6525~6875MHz

WIFI 802.11ax HE40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 CH 123 6565MHz		6565	92.19	-	-	83.14	34.27	8.47	33.69	100	106	P	H
		6565	85.31	-	-	76.26	34.27	8.47	33.69	100	106	A	H
		6565	100.4	-	-	91.35	34.27	8.47	33.69	228	349	P	V
		6565	94.19	-	-	85.14	34.27	8.47	33.69	228	349	A	V
802.11ax HE40 CH 147 6685MHz		6685	90.04	-	-	80.69	34.56	8.45	33.66	103	111	P	H
		6685	82.88	-	-	73.53	34.56	8.45	33.66	103	111	A	H
		6685	97.77	-	-	88.42	34.56	8.45	33.66	228	349	P	V
		6685	91.47	-	-	82.12	34.56	8.45	33.66	228	349	A	V
802.11ax HE40 CH 179 6845MHz	*	6845	88.42	-	-	78.29	35.15	8.61	33.63	100	82	P	H
		6845	82.33	-	-	72.2	35.15	8.61	33.63	100	82	A	H
	*	6845	96.77	-	-	86.64	35.15	8.61	33.63	238	336	P	V
		6845	90.82	-	-	80.69	35.15	8.61	33.63	238	336	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-7 - 6525~6875MHz

WIFI 802.11ax HE40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		13130	50.9	-37.3	88.2	56.57	39.99	12.39	58.05	100	0	P	H
HE40		19695	32.91	-41.09	74	44.3	37.68	11.51	51.04	150	360	P	H
CH 123		13130	51.36	-36.84	88.2	57.03	39.99	12.39	58.05	100	0	P	V
6565MHz		19695	33.86	-40.14	74	45.25	37.68	11.51	51.04	150	0	P	V
802.11ax		13370	50.6	-23.4	74	56.29	40.13	12.49	58.31	100	0	P	H
HE40		20055	34.05	-39.95	74	44.11	37.85	11.23	49.6	150	360	P	H
CH 147		13370	51.82	-22.18	74	57.51	40.13	12.49	58.31	100	0	P	V
6685MHz		20055	33.53	-40.47	74	43.59	37.85	11.23	49.6	150	0	P	V
802.11ax		13690	51.3	-36.9	88.2	57.03	40.31	12.61	58.65	100	0	P	H
HE40		20535	36.87	-37.13	74	43.68	38.31	11.58	47.16	150	360	P	H
CH 179		13690	51.18	-37.02	88.2	56.91	40.31	12.61	58.65	100	0	P	V
6845MHz		20535	36.64	-37.36	74	43.45	38.31	11.58	47.16	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-7 - 6525~6875MHz

WIFI 802.11ax HE80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		6625	90.04	-	-	80.86	34.44	8.41	33.67	100	111	P	H
HE80		6625	83.39	-	-	74.21	34.44	8.41	33.67	100	111	A	H
CH 135		6625	101.5	-	-	92.32	34.44	8.41	33.67	224	360	P	V
6625MHz		6625	93.71	-	-	84.53	34.44	8.41	33.67	224	360	P	V
802.11ax		6705	88.32	-	-	78.86	34.66	8.46	33.66	100	76	P	H
HE80		6705	81.81	-	-	72.35	34.66	8.46	33.66	100	76	A	H
CH 151		6705	96.51	-	-	87.05	34.66	8.46	33.66	234	360	P	V
6705MHz		6705	91.53	-	-	82.07	34.66	8.46	33.66	234	360	A	V
802.11ax		6785	89.14	-	-	79.4	34.91	8.47	33.64	100	81	P	H
HE80		6785	82.17	-	-	72.43	34.91	8.47	33.64	100	81	A	H
CH 167		6785	96.24	-	-	86.5	34.91	8.47	33.64	233	341	P	V
6785MHz		6785	90.46	-	-	80.72	34.91	8.47	33.64	233	341	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-7 - 6525~6875MHz

WIFI 802.11ax HE80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		13250	50.35	-23.65	74	56.03	40.06	12.44	58.18	100	0	P	H
HE80		19875	32.91	-41.09	74	43.71	37.75	11.37	50.38	150	360	P	H
CH 135		13250	49.85	-24.15	74	55.53	40.06	12.44	58.18	100	0	P	V
6625MHz		19875	34.33	-39.67	74	45.13	37.75	11.37	50.38	150	0	P	V
802.11ax		13410	50.74	-37.46	88.2	56.44	40.15	12.5	58.35	100	0	P	H
HE80		20115	34.41	-39.59	74	44.09	37.92	11.2	49.26	150	360	P	H
CH 151		13410	51.28	-36.92	88.2	56.98	40.15	12.5	58.35	100	0	P	V
6705MHz		20115	34.16	-39.84	74	43.84	37.92	11.2	49.26	150	0	P	V
802.11ax		13570	50.74	-37.46	88.2	56.46	40.24	12.56	58.52	100	0	P	H
HE80		20355	35.92	-38.08	74	43.77	38.15	11.42	47.88	150	360	P	H
CH 167		13570	51.54	-36.66	88.2	57.26	40.24	12.56	58.52	100	0	P	V
6785MHz		20355	36.73	-37.27	74	44.58	38.15	11.42	47.88	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-7 - 6525~6875MHz

WIFI 802.11ax HE160 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		6665	85.97	-	-	76.68	34.52	8.44	33.67	100	112	P	H
HE160		6665	79.27	-	-	69.98	34.52	8.44	33.67	100	112	A	H
CH 143		6665	96.83	-	-	87.54	34.52	8.44	33.67	238	360	P	V
6665MHz		6665	89.13	-	-	79.84	34.52	8.44	33.67	238	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-7 - 6525~6875MHz

WIFI 802.11ax HE160 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		13330	49.99	-24.01	74	55.67	40.1	12.47	58.25	100	0	P	H
HE160		19995	33.77	-40.23	74	44.18	37.8	11.27	49.94	150	360	P	H
CH 143		13330	50.22	-23.78	74	55.9	40.1	12.47	58.25	100	0	P	V
6665MHz		19995	32.88	-41.12	74	43.29	37.8	11.27	49.94	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-8 – 6875~7125

WIFI 802.11ax HE20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax		6895	96.77	-	-	86.31	35.33	8.75	33.62	220	0	P	H
HE20		6895	93.1	-	-	82.64	35.33	8.75	33.62	220	0	A	H
CH 189		6895	98.68	-	-	88.22	35.33	8.75	33.62	243	336	P	V
6895MHz		6895	94.34	-	-	83.88	35.33	8.75	33.62	243	336	A	V
802.11ax		6995	97.11	-	-	86.3	35.7	8.71	33.6	225	0	P	H
HE20		6995	92.42	-	-	81.61	35.7	8.71	33.6	225	0	A	H
CH 209		6995	97.11	-	-	86.3	35.7	8.71	33.6	225	0	P	V
6995MHz		6995	92.42	-	-	81.61	35.7	8.71	33.6	225	0	A	V
802.11ax HE20 CH 233 7115MHz		7115	100.15	-	-	88.97	36.16	8.66	33.64	100	357	P	H
		7115	94.76	-	-	83.58	36.16	8.66	33.64	100	357	A	H
		7130.985	56.94	-31.26	88.2	45.69	36.22	8.68	33.65	100	357	P	H
	*	7319.775	51.09	-22.91	74	39.08	36.94	8.8	33.73	100	357	P	H
		7127.73	49.68	-18.52	68.2	38.51	36.16	8.66	33.65	100	357	A	H
		7261.65	44.06	-9.94	54	32.35	36.68	8.74	33.71	100	357	A	H
		7115	101.05	-	-	89.87	36.16	8.66	33.64	100	357	P	V
		7115	95.62	-	-	84.44	36.16	8.66	33.64	100	357	A	V
		7128.66	62.01	-26.19	88.2	50.76	36.22	8.68	33.65	100	357	P	V
	*	7277.925	50.3	-23.7	74	38.52	36.75	8.75	33.72	100	357	P	V
Remark		7126.8	55.55	-12.65	68.2	44.38	36.16	8.66	33.65	100	357	A	V
		7333.725	44.19	-9.81	54	32.08	37.01	8.84	33.74	100	357	A	V
1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



UNII-8 - 6875~7125MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		13790	50.96	-37.24	88.2	56.69	40.37	12.66	58.76	100	0	P	H
HE20		20685	35.53	-38.47	74	42.73	38.4	11.62	47.68	150	360	P	H
CH 189		13790	51.72	-36.48	88.2	57.45	40.37	12.66	58.76	100	0	P	V
6895MHz		20685	35.56	-38.44	74	42.76	38.4	11.62	47.68	150	0	P	V
802.11ax		13990	50.2	-38	88.2	55.95	40.49	12.74	58.98	100	0	P	H
HE20		20985	35.09	-38.91	74	43.24	38.58	11.54	48.73	150	360	P	H
CH 209		13990	50.12	-38.08	88.2	55.87	40.49	12.74	58.98	100	0	P	V
6995MHz		20985	34.11	-39.89	74	42.26	38.58	11.54	48.73	150	0	P	V
802.11ax		14230	51.07	-37.13	88.2	56.53	40.54	12.87	58.87	100	0	P	H
HE20		21345	33.66	-40.34	74	42.84	38.74	11.32	49.7	150	360	P	H
CH 233		14230	51.62	-36.58	88.2	57.08	40.54	12.87	58.87	100	0	P	V
7115MHz		21345	33.86	-40.14	74	43.04	38.74	11.32	49.7	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-8 - 6875~7125MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 195 6925MHz		6925	95.03	-	-	84.45	35.46	8.74	33.62	212	1	P	H
		6925	91.09	-	-	80.51	35.46	8.74	33.62	212	1	A	H
		6925	97.23	-	-	86.65	35.46	8.74	33.62	232	78	P	V
		6925	91.57	-	-	80.99	35.46	8.74	33.62	232	78	A	V
802.11n HT40 CH 203 6965MHz		6965	94.59	-	-	83.9	35.58	8.72	33.61	115	26	P	H
		6965	89.42	-	-	78.73	35.58	8.72	33.61	115	26	A	H
		6965	97.49	-	-	86.8	35.58	8.72	33.61	237	77	P	V
		6965	91.14	-	-	80.45	35.58	8.72	33.61	237	77	A	V
802.11n HT40 CH 227 7085MHz		7085	94.21	-	-	83.15	36.03	8.66	33.63	100	25	P	H
		7085	90.87	-	-	79.81	36.03	8.66	33.63	100	25	P	H
		7242.585	50.9	-37.3	88.2	39.23	36.62	8.74	33.69	100	25	P	H
	*	7291.41	51.19	-22.81	74	39.34	36.81	8.76	33.72	100	25	P	H
		7125.87	47.16	-21.04	68.2	35.99	36.16	8.66	33.65	100	25	A	H
		7297.455	44.11	-9.89	54	32.26	36.81	8.76	33.72	100	25	A	H
		7085	99.99	-	-	88.93	36.03	8.66	33.63	100	324	P	V
		7085	94.38	-	-	83.32	36.03	8.66	33.63	100	324	A	V
		7125.405	52.68	-35.52	88.2	41.51	36.16	8.66	33.65	100	324	P	V
	*	7346.28	50.2	-23.8	74	38.09	37.01	8.84	33.74	100	324	P	V
		7126.335	47.82	-20.38	68.2	36.65	36.16	8.66	33.65	100	324	A	V
		7321.17	44.48	-9.52	54	32.47	36.94	8.8	33.73	100	324	A	V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



UNII-8 - 6875~7125MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		13890	51.12	-37.08	88.2	56.86	40.43	12.7	58.87	100	0	P	H
HT40		20835	36.16	-37.84	74	43.84	38.49	11.58	48.21	150	360	P	H
CH 195		13890	51	-37.2	88.2	56.74	40.43	12.7	58.87	100	0	P	V
6925MHz		20835	36.39	-37.61	74	44.07	38.49	11.58	48.21	150	0	P	V
802.11n		13930	52.01	-36.19	88.2	57.76	40.46	12.72	58.93	100	0	P	H
HT40		20895	35.33	-38.67	74	43.18	38.54	11.56	48.41	150	360	P	H
CH 203		13930	51.77	-36.43	88.2	57.52	40.46	12.72	58.93	100	0	P	V
6965MHz		20895	37.59	-36.41	74	45.44	38.54	11.56	48.41	150	0	P	V
802.11n		14170	52.96	-35.24	88.2	58.49	40.53	12.84	58.9	100	0	P	H
HT40		21255	33.67	-40.33	74	42.58	38.7	11.39	49.46	150	360	P	H
CH 227		14170	52.26	-35.94	88.2	57.79	40.53	12.84	58.9	100	0	P	V
7085MHz		21255	33.7	-40.3	74	42.61	38.7	11.39	49.46	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-8 - 6875~7125MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		6945	90.85	-	-	80.21	35.52	8.73	33.61	100	10	P	H
VHT80		6945	86.93	-	-	76.29	35.52	8.73	33.61	100	10	A	H
CH 199		6945	97.44	-	-	86.8	35.52	8.73	33.61	100	322	P	V
6945MHz		6945	91.86	-	-	81.22	35.52	8.73	33.61	100	322	A	V
802.11ac VHT80 CH 215 7025MHz		7025	93.26	-	-	82.4	35.77	8.7	33.61	100	13	P	H
		7025	87.68	-	-	76.82	35.77	8.7	33.61	100	13	A	H
		7226.31	49.91	-38.29	88.2	38.32	36.55	8.73	33.69	100	13	P	H
	*	7314.66	50.98	-23.02	74	39.07	36.88	8.76	33.73	100	13	P	H
		7125.405	44.75	-23.45	68.2	33.58	36.16	8.66	33.65	100	13	A	H
		7282.575	44.42	-9.58	54	32.57	36.81	8.76	33.72	100	13	A	H
		7025	95.83	-	-	84.97	35.77	8.7	33.61	102	318	P	V
		7025	91.17	-	-	80.31	35.77	8.7	33.61	102	318	A	V
		7190.04	49.68	-38.52	88.2	38.21	36.42	8.72	33.67	102	318	P	V
	*	7333.26	50.34	-23.66	74	38.23	37.01	8.84	33.74	102	318	P	V
		7230.495	44.26	-23.94	68.2	32.67	36.55	8.73	33.69	102	318	A	V
		7305.825	44.24	-9.76	54	32.33	36.88	8.76	33.73	102	318	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-8 - 6875~7125MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		13890	51.12	-37.08	88.2	56.86	40.43	12.7	58.87	100	0	P	H
VHT80		20835	36.16	-37.84	74	43.84	38.49	11.58	48.21	150	360	P	H
CH 199		13890	51	-37.2	88.2	56.74	40.43	12.7	58.87	100	0	P	V
6945MHz		20835	36.39	-37.61	74	44.07	38.49	11.58	48.21	150	0	P	V
802.11ac		14050	51.1	-37.1	88.2	56.78	40.51	12.78	58.97	100	0	P	H
VHT80		21075	33.72	-40.28	74	42.09	38.63	11.52	48.98	150	360	P	H
CH 215		14050	51.57	-36.63	88.2	57.25	40.51	12.78	58.97	100	0	P	V
7025MHz		21075	34.16	-39.84	74	42.53	38.63	11.52	48.98	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-8 - 6875~7125MHz

WIFI 802.11ax HE160 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 CH 207 6985MHz		6985	88.32	-	-	77.57	35.64	8.72	33.61	100	12	P	H
		6985	82.76	-	-	72.01	35.64	8.72	33.61	100	12	A	H
		7160.28	50.63	-37.57	88.2	39.31	36.29	8.69	33.66	100	12	P	H
	*	7330.005	51.81	-22.19	74	39.81	36.94	8.8	33.74	100	12	P	H
		7139.355	44.65	-23.55	68.2	33.4	36.22	8.68	33.65	100	12	A	H
		7255.14	45.01	-8.99	54	33.3	36.68	8.74	33.71	100	12	A	H
		6985	90.59	-	-	79.84	35.64	8.72	33.61	100	317	P	V
		6985	86.29	-	-	75.54	35.64	8.72	33.61	100	317	A	V
		7134.705	52.02	-36.18	88.2	40.77	36.22	8.68	33.65	100	317	P	V
	*	7348.14	50.51	-23.49	74	38.4	37.01	8.84	33.74	100	317	P	V
		7125.87	46.47	-21.73	68.2	35.3	36.16	8.66	33.65	100	317	A	V
		7320.24	44.39	-9.61	54	32.38	36.94	8.8	33.73	100	317	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-8 - 6875~7125MHz

WIFI 802.11ax HE160 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 CH 207 6985MHz		13970	50.78	-37.42	88.2	56.52	40.48	12.74	58.96	100	0	P	H
		20955	34.57	-39.43	74	42.61	38.57	11.55	48.62	150	360	P	H
		13970	51.62	-36.58	88.2	57.36	40.48	12.74	58.96	100	0	P	V
		20955	35.48	-38.52	74	43.52	38.57	11.55	48.62	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

UNII-8 - 6875~7125MHz

WIFI 802.11ax HE160_Tx_CH207_LF(LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant. 1+2		(MHz)	(dBμV/m)	Limit (dB)	Line (dBμV/m)	Level (dBμV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11ax HE160 LF		30	23.25	-16.75	40	29.93	25.2	0.52	32.4	100	165	P	H
		53.28	22.1	-17.9	40	40.03	13.76	0.71	32.4	-	-	P	H
		101.78	24.65	-18.85	43.5	38.8	17.08	0.97	32.2	-	-	P	H
		156.1	21.35	-22.15	43.5	35.96	16.38	1.2	32.19	-	-	P	H
		288.02	22.92	-23.08	46	33.74	19.28	1.62	31.72	-	-	P	H
		991.27	30.62	-23.38	54	31.17	27.51	3.03	31.09	-	-	P	H
		30	29.53	-10.47	40	36.21	25.2	0.52	32.4	-	-	P	V
		52.31	32.83	-7.17	40	50.59	13.94	0.7	32.4	100	133	P	V
		100.81	22.22	-21.28	43.5	36.47	16.99	0.96	32.2	-	-	P	V
		196.84	22.91	-20.59	43.5	38.28	15.41	1.33	32.11	-	-	P	V
		647.89	27.52	-18.48	46	30.65	25.19	2.47	30.79	-	-	P	V
		929.19	29.65	-16.35	46	31.23	26.98	2.94	31.5	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n		6875	95.24	-	-	84.9	35.27	8.7	33.63	236	0	P	H
HT20		6875	87.65	-	-	77.31	35.27	8.7	33.63	236	0	A	H
CH 185		6875	99.05	-	-	88.71	35.27	8.7	33.63	100	18	P	V
6875MHz		6875	92.89	-	-	82.55	35.27	8.7	33.63	100	18	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n		13750	50.76	-37.44	88.2	56.49	40.35	12.64	58.72	100	0	P	H
HT20		20625	36.21	-37.79	74	48.68	38.38	11.63	52.94	150	360	P	H
CH 185		13750	50.76	-37.44	88.2	56.49	40.35	12.64	58.72	100	0	P	V
6875MHz		20625	37.27	-36.73	74	49.74	38.38	11.63	52.94	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Straddle Channel
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		6525	89.03	-	-	79.98	34.19	8.55	33.69	236	0	P	H
HT40		6525	84.4	-	-	75.35	34.19	8.55	33.69	236	0	A	H
CH 115		6525	101.21	-	-	92.16	34.19	8.55	33.69	100	15	P	V
6525MHz		6525	95.16	-	-	86.11	34.19	8.55	33.69	100	15	A	V
802.11n		6885	93.02	-	-	82.67	35.27	8.7	33.62	246	0	P	H
HT40		6885	88.05	-	-	77.7	35.27	8.7	33.62	246	0	A	H
CH 187		6885	96.25	-	-	85.9	35.27	8.7	33.62	100	15	P	V
6885MHz		6885	90.61	-	-	80.26	35.27	8.7	33.62	100	15	A	V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

Straddle Channel
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		13050	51.41	-36.79	88.2	57.09	39.93	12.35	57.96	100	0	P	H
HT40		19575	33.5	-40.5	74	47.65	37.63	11.57	53.81	150	360	P	H
CH 115		13050	51.05	-37.15	88.2	56.73	39.93	12.35	57.96	100	0	P	V
6525MHz		19575	32.96	-41.04	74	47.11	37.63	11.57	53.81	150	0	P	V
802.11n		13770	51.17	-37.03	88.2	56.9	40.36	12.65	58.74	100	0	P	H
HT40		20655	36.17	-37.83	74	48.63	38.39	11.63	52.94	150	360	P	H
CH 187		13770	51.17	-37.03	88.2	56.9	40.36	12.65	58.74	100	0	P	V
6885MHz		20655	37.33	-36.67	74	49.79	38.39	11.63	52.94	150	0	P	V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Straddle Channel - 6505~6885MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		6545	89.16	-	-	80.11	34.23	8.51	33.69	246	0	P	H
VHT80		6545	82.33	-	-	73.28	34.23	8.51	33.69	246	0	A	H
CH 119		6545	99.8	-	-	90.75	34.23	8.51	33.69	100	16	P	V
6545MHz		6545	94.07	-	-	85.02	34.23	8.51	33.69	100	16	A	V
802.11ac		6865	91.4	-	-	81.16	35.21	8.66	33.63	239	0	P	H
VHT80		6865	85.6	-	-	75.36	35.21	8.66	33.63	239	0	A	H
CH 183		6865	95.88	-	-	85.64	35.21	8.66	33.63	100	15	P	H
6865MHz		6865	89.47	-	-	79.23	35.21	8.66	33.63	100	15	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Straddle Channel - 6505~6885MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		13090	50.41	-37.79	88.2	56.08	39.95	12.37	57.99	100	0	P	H
VHT80		19635	32.98	-41.02	74	47.08	37.65	11.55	53.76	150	360	P	H
CH 119		13090	50.72	-37.48	88.2	56.39	39.95	12.37	57.99	100	0	P	V
6545MHz		19635	33.86	-40.14	74	47.96	37.65	11.55	53.76	150	0	P	V
802.11ac		13730	50.05	-38.15	88.2	55.77	40.34	12.64	58.7	100	0	P	H
VHT80		20595	36.1	-37.9	74	48.58	38.36	11.64	52.94	150	360	P	H
CH 183		13730	50.69	-37.51	88.2	56.41	40.34	12.64	58.7	100	0	P	V
6865MHz		20595	36.25	-37.75	74	48.73	38.36	11.64	52.94	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Straddle Channel
WIFI 802.11ac VHT160 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		6505	90.48	-	-	81.44	34.15	8.59	33.7	256	73	P	H
VHT160		6505	83.6	-	-	74.56	34.15	8.59	33.7	256	73	A	H
CH 111		6505	96.91	-	-	87.87	34.15	8.59	33.7	105	17	P	V
6505MHz		6505	90.43	-	-	81.39	34.15	8.59	33.7	105	17	A	V
802.11ac		6825	89.13	-	-	79.12	35.09	8.56	33.64	235	283	P	H
VHT160		6825	82.75	-	-	72.74	35.09	8.56	33.64	235	283	A	H
CH 175		6825	93.08	-	-	83.07	35.09	8.56	33.64	100	4	P	H
6825MHz		6825	86.5	-	-	76.49	35.09	8.56	33.64	100	4	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Straddle Channel
WIFI 802.11ac VHT160 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		13010	50.74	-37.46	88.2	56.41	39.9	12.33	57.9	100	0	P	H
VHT160		19515	32.97	-41.03	74	47.23	37.61	11.54	53.87	150	360	P	H
CH 111		13010	51.69	-36.51	88.2	57.36	39.9	12.33	57.9	100	0	P	V
6505MHz		19515	33.15	-40.85	74	47.41	37.61	11.54	53.87	150	0	P	V
802.11ac		13650	50.74	-37.46	88.2	56.46	40.29	12.6	58.61	100	0	P	H
VHT160		20475	36.65	-37.35	74	49.36	38.27	11.53	52.97	150	360	P	H
CH 175		13650	51.69	-36.51	88.2	57.41	40.29	12.6	58.61	100	0	P	V
6825MHz		20475	37.09	-36.91	74	49.8	38.27	11.53	52.97	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	P eak or A verage
H/V	H orizontal or V ertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Level(dBμV/m) =

Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

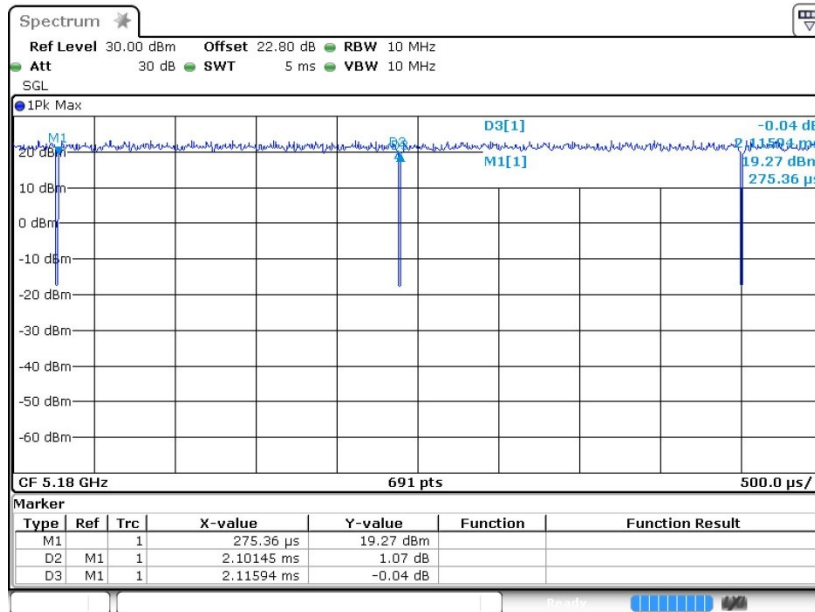
Both peak and average measured complies with the limit line, so test result is “PASS”.

Appendix D. Duty Cycle Plots

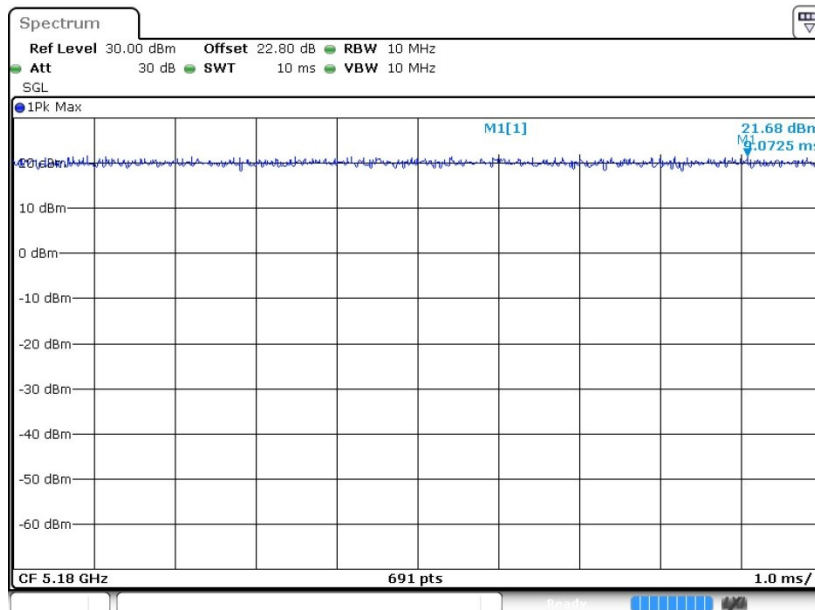
Antenna	Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
1+2	802.11a	99.32	-	-	10kHz
1+2	802.11n HT20	100	-	-	10kHz
1+2	802.11n HT40	100	-	-	10kHz
1+2	802.11ac VHT80	100	-	-	10kHz
1+2	802.11ac VHT160	100	-	-	10kHz
1+2	802.11ax HE20	100	-	-	10kHz
1+2	802.11ax HE40	100	-	-	10kHz
1+2	802.11ax HE80	100	-	-	10kHz
1+2	802.11ax HE160	100	-	-	10kHz



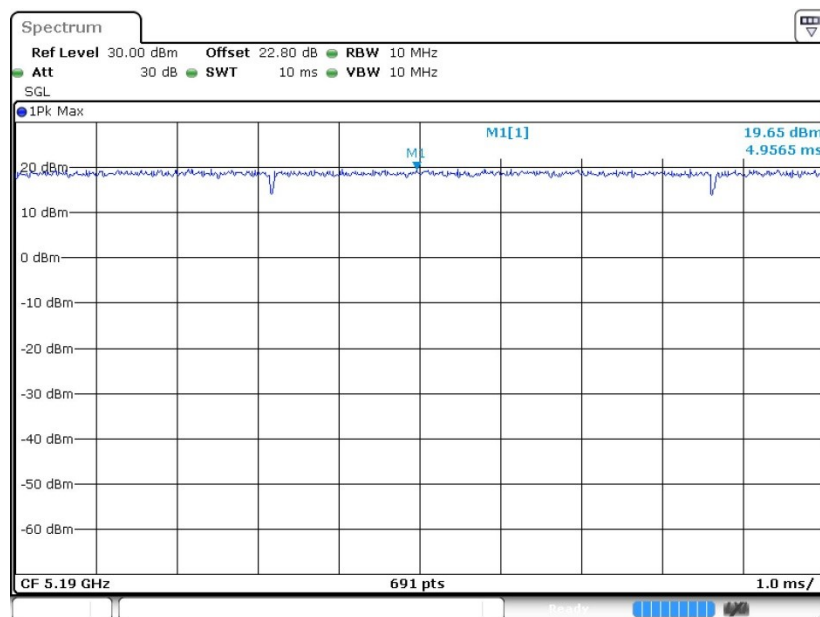
802.11a



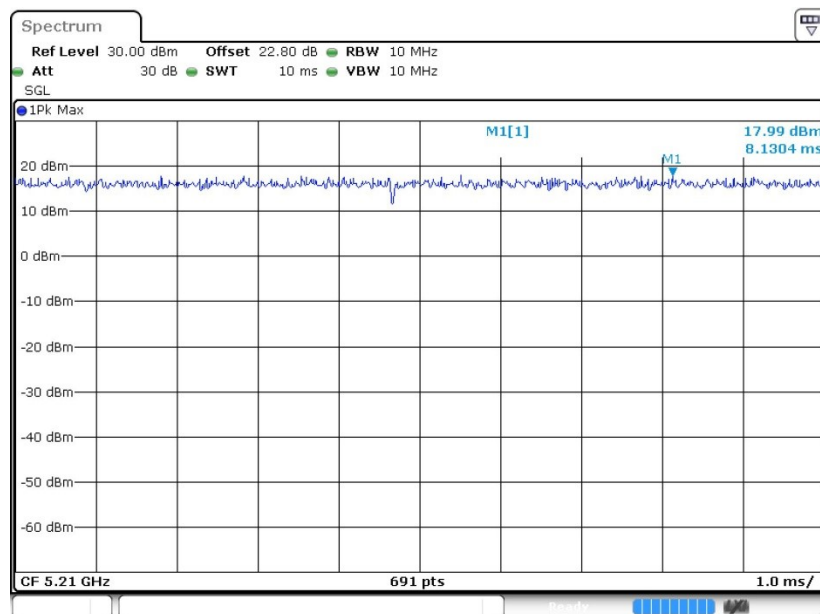
802.11n HT20



802.11n HT40

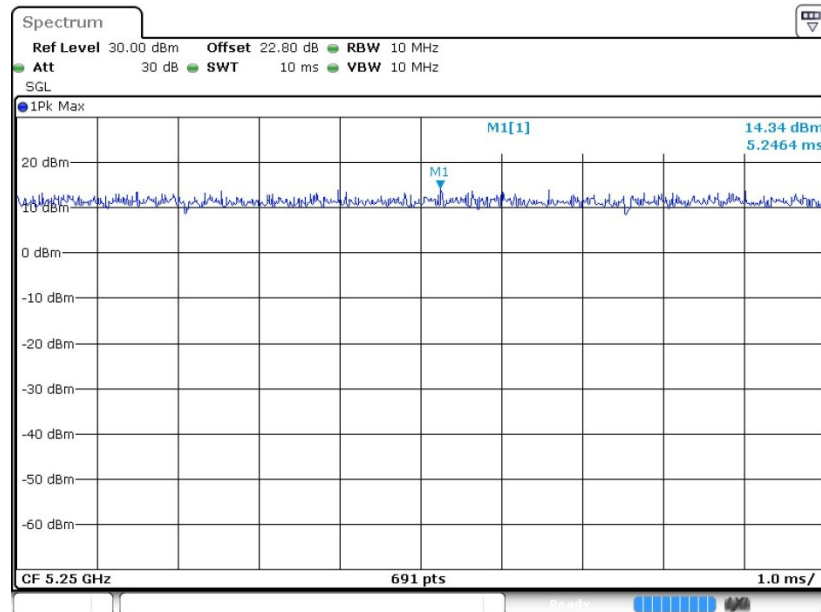


802.11ac VHT80

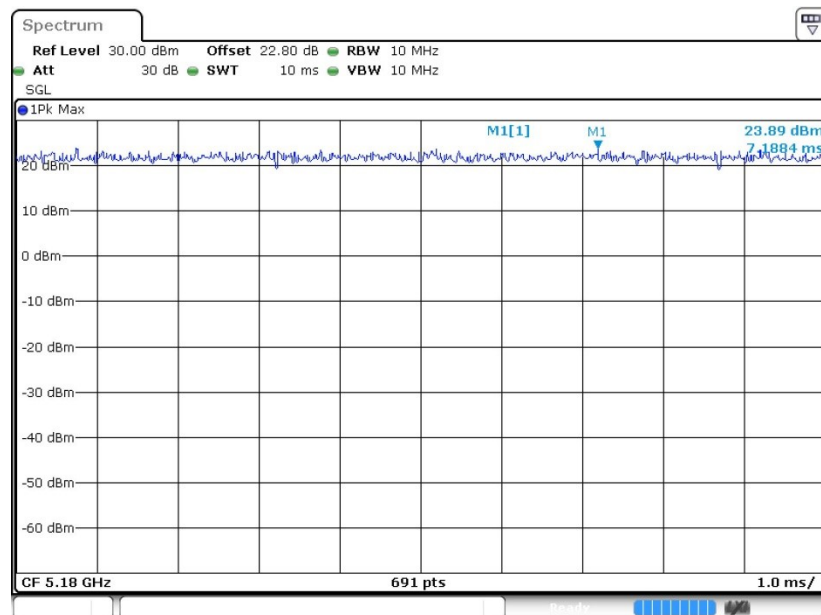




802.11ac VHT160

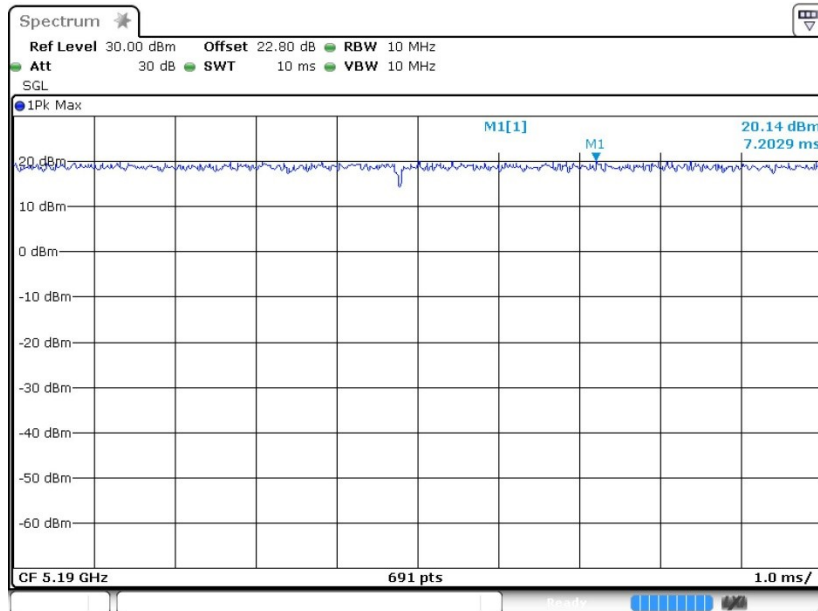


802.11ax HE20

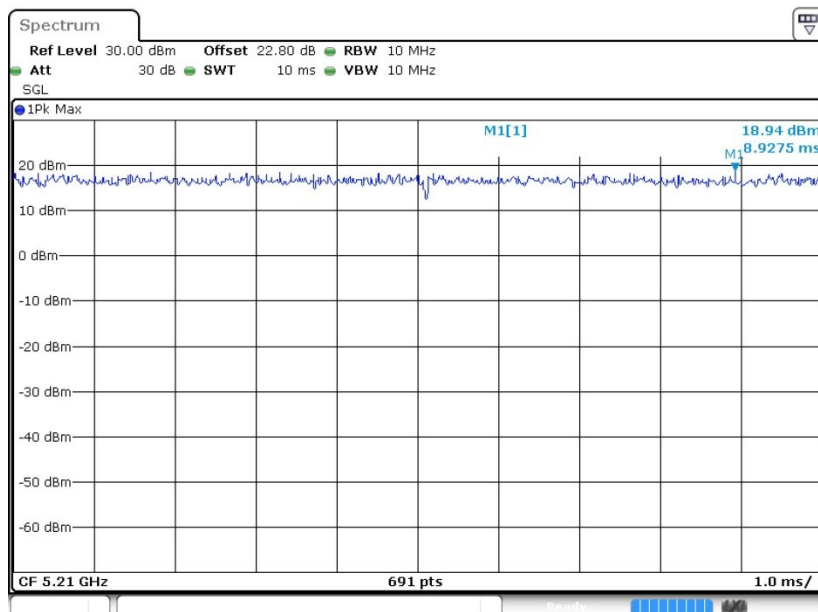




802.11ax HE40



802.11ax HE80





802.11ax HE160

