

TEST RESULTS DATA
EIRP Power Table

FCC U-NII-8 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8	SUM		
11a	6Mbps	2	6895	0.35	0.36	5.60	6.00	8.81	-1.40		7.41	24.00	Pass
11a	6Mbps	2	6995	0.35	0.36	5.30	5.40	8.36	-1.40		6.96	24.00	Pass
11a	6Mbps	2	7095	0.35	0.36	5.10	5.30	8.21	-1.40		6.81	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC U-NII-8 MIMO														
Mod.	Data Rate	N _{TX}	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail	
				Ant 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8	SUM			
11a	6Mbps	2	6895	0.35	0.36	-		-3.24	0.62		-2.62	-1.00	Pass	
11a	6Mbps	2	6995	0.35	0.36				-3.62	0.62		-3.00	-1.00	Pass
11a	6Mbps	2	7095	0.35	0.36				-3.80	0.62		-3.18	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band V MIMO									
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 4	Ant 8	Ant 4	Ant 8	
HE20	MCS0	2	5955	Full	19.13	19.13	21.75	21.75	
HE20	MCS0	2	6195	Full	19.18	19.13	21.90	21.70	
HE20	MCS0	2	6415	Full	19.13	19.13	21.80	21.65	
HE40	MCS0	2	5965	Full	37.86	37.86	40.14	39.78	
HE40	MCS0	2	6205	Full	37.96	37.86	39.96	39.69	
HE40	MCS0	2	6405	Full	37.86	37.86	40.05	39.87	
HE80	MCS0	2	5985	Full	77.08	77.20	82.40	82.08	
HE80	MCS0	2	6225	Full	77.20	77.08	82.40	81.76	
HE80	MCS0	2	6385	Full	77.08	77.20	82.40	82.08	
HE160	MCS0	2	6025	Full	156.56	156.80	166.08	166.72	
HE160	MCS0	2	6185	Full	156.56	156.32	167.68	165.76	
HE160	MCS0	2	6345	Full	156.80	156.80	167.04	165.76	

TEST RESULTS DATA
EIRP Power Table

Band V MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8	SUM		
HE20	MCS0	2	5955	Full	0.18	0.18	5.60	6.40	9.03	-0.60		8.43	24.00	Pass
HE20	MCS0	2	5955	26/0	0.48	0.48	-3.60	-2.80	-0.17	-0.60		-0.77	24.00	Pass
HE20	MCS0	2	5955	52/37	0.52	0.52	-1.40	0.00	2.37	-0.60		1.77	24.00	Pass
HE20	MCS0	2	5955	106/53	0.60	0.60	2.10	3.30	5.75	-0.60		5.15	24.00	Pass
HE20	MCS0	2	6195	Full	0.18	0.18	5.50	6.50	9.04	-0.60		8.44	24.00	Pass
HE20	MCS0	2	6195	26/4	0.48	0.48	-3.50	-2.60	-0.02	-0.60		-0.62	24.00	Pass
HE20	MCS0	2	6195	52/39	0.52	0.52	-1.20	0.10	2.51	-0.60		1.91	24.00	Pass
HE20	MCS0	2	6195	106/53	0.60	0.60	1.60	3.40	5.60	-0.60		5.00	24.00	Pass
HE20	MCS0	2	6415	Full	0.18	0.18	5.10	6.30	8.75	-0.60		8.15	24.00	Pass
HE20	MCS0	2	6415	26/8	0.48	0.48	-3.70	-3.00	-0.33	-0.60		-0.93	24.00	Pass
HE20	MCS0	2	6415	52/40	0.52	0.52	-2.30	-0.20	1.89	-0.60		1.29	24.00	Pass
HE20	MCS0	2	6415	106/54	0.60	0.60	1.40	2.90	5.22	-0.60		4.62	24.00	Pass
HE40	MCS0	2	5965	Full	0.18	0.18	9.60	10.50	13.08	-0.60		12.48	24.00	Pass
HE40	MCS0	2	6205	Full	0.18	0.18	9.50	10.00	12.77	-0.60		12.17	24.00	Pass
HE40	MCS0	2	6405	Full	0.18	0.18	9.20	10.30	12.80	-0.60		12.20	24.00	Pass
HE80	MCS0	2	5985	Full	0.35	0.35	11.90	12.20	15.06	-0.60		14.46	24.00	Pass
HE80	MCS0	2	6225	Full	0.35	0.35	12.10	12.10	15.11	-0.60		14.51	24.00	Pass
HE80	MCS0	2	6385	Full	0.35	0.35	11.70	12.40	15.07	-0.60		14.47	24.00	Pass
HE160	MCS0	2	6025	Full	0.35	0.35	14.70	15.10	17.91	-0.60		17.31	24.00	Pass
HE160	MCS0	2	6185	Full	0.35	0.35	14.60	15.10	17.87	-0.60		17.27	24.00	Pass
HE160	MCS0	2	6345	Full	0.35	0.35	14.60	15.00	17.81	-0.60		17.21	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band V MIMO														
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8			
HE20	MCS0	2	5955	Full	0.18	0.18	-	-2.98	1.08	-1.90	-1.00	Pass		
HE20	MCS0	2	5955	26/0	0.48	0.48		-3.03	1.08	-1.95	-1.00	Pass		
HE20	MCS0	2	5955	52/37	0.52	0.52		-3.49	1.08	-2.41	-1.00	Pass		
HE20	MCS0	2	5955	106/53	0.60	0.60		-3.04	1.08	-1.96	-1.00	Pass		
HE20	MCS0	2	6195	Full	0.18	0.18		-3.10	1.08	-2.02	-1.00	Pass		
HE20	MCS0	2	6195	26/4	0.48	0.48		-3.57	1.08	-2.49	-1.00	Pass		
HE20	MCS0	2	6195	52/39	0.52	0.52		-3.11	1.08	-2.03	-1.00	Pass		
HE20	MCS0	2	6195	106/53	0.60	0.60		-3.20	1.08	-2.12	-1.00	Pass		
HE20	MCS0	2	6415	Full	0.18	0.18		-3.33	1.08	-2.25	-1.00	Pass		
HE20	MCS0	2	6415	26/8	0.48	0.48		-3.43	1.08	-2.35	-1.00	Pass		
HE20	MCS0	2	6415	52/40	0.52	0.52		-3.59	1.08	-2.51	-1.00	Pass		
HE20	MCS0	2	6415	106/54	0.60	0.60		-3.48	1.08	-2.39	-1.00	Pass		
HE40	MCS0	2	5965	Full	0.18	0.18		-2.16	1.08	-1.08	-1.00	Pass		
HE40	MCS0	2	6205	Full	0.18	0.18		-2.28	1.08	-1.20	-1.00	Pass		
HE40	MCS0	2	6405	Full	0.18	0.18		-2.23	1.08	-1.15	-1.00	Pass		
HE80	MCS0	2	5985	Full	0.35	0.35		-2.47	1.08	-1.39	-1.00	Pass		
HE80	MCS0	2	6225	Full	0.35	0.35		-2.41	1.08	-1.33	-1.00	Pass		
HE80	MCS0	2	6385	Full	0.35	0.35		-2.40	1.08	-1.32	-1.00	Pass		
HE160	MCS0	2	6025	Full	0.35	0.35		-2.37	1.08	-1.29	-1.00	Pass		
HE160	MCS0	2	6185	Full	0.35	0.35		-2.53	1.08	-1.44	-1.00	Pass		
HE160	MCS0	2	6345	Full	0.35	0.35		-2.54	1.08	-1.46	-1.00	Pass		

TEST RESULTS DATA
26dB and 99% OBW

Band VI MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 4	Ant 8	Ant 4	Ant 8	
HE20	MCS0	2	6435	Full	19.13	19.13	21.80	21.80	-
HE20	MCS0	2	6475	Full	19.18	19.13	21.95	21.75	-
HE20	MCS0	2	6515	Full	19.13	19.13	21.90	21.75	-
HE40	MCS0	2	6445	Full	37.86	37.86	40.05	39.78	-
HE40	MCS0	2	6485	Full	37.96	37.76	40.05	39.96	-
HE80	MCS0	2	6465	Full	77.20	77.20	81.92	82.24	-

Band VI straddle channel MIMO															
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 4	Ant 8	Ant 4	Ant 8	Ant 4	Ant 8	Ant 4	Ant 8	Ant 4	Ant 8	
HE40	MCS0	2	6525	Full	37.86	37.76	39.96	39.87	-	-	-	-	-	-	-
HE80	MCS0	2	6545	Full	77.08	77.20	82.24	81.76	-	-	-	-	-	-	-
HE160	MCS0	2	6505	Full	156.56	156.56	166.72	167.04	-	-	-	-	-	-	-

TEST RESULTS DATA
EIRP Power Table

FCC Band VI MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8	SUM		
HE20	MCS0	2	6435	Full	0.18	0.18	6.00	6.40	9.21	-1.50		7.71	24.00	Pass
HE20	MCS0	2	6435	26/0	0.48	0.48	-3.80	-2.70	-0.20	-1.50		-1.70	24.00	Pass
HE20	MCS0	2	6435	52/37	0.52	0.52	-1.30	0.20	2.52	-1.50		1.02	24.00	Pass
HE20	MCS0	2	6435	106/53	0.60	0.60	1.90	2.80	5.38	-1.50		3.88	24.00	Pass
HE20	MCS0	2	6475	Full	0.18	0.18	5.30	6.30	8.84	-1.50		7.34	24.00	Pass
HE20	MCS0	2	6475	26/4	0.48	0.48	-3.40	-2.70	-0.03	-1.50		-1.53	24.00	Pass
HE20	MCS0	2	6475	52/39	0.52	0.52	-1.60	-0.40	2.05	-1.50		0.55	24.00	Pass
HE20	MCS0	2	6475	106/54	0.60	0.60	1.30	2.90	5.18	-1.50		3.68	24.00	Pass
HE20	MCS0	2	6515	Full	0.18	0.18	5.70	6.10	8.91	-1.50		7.41	24.00	Pass
HE20	MCS0	2	6515	26/8	0.48	0.48	-4.80	-3.50	-1.09	-1.50		-2.59	24.00	Pass
HE20	MCS0	2	6515	52/40	0.52	0.52	-1.40	-0.70	1.97	-1.50		0.47	24.00	Pass
HE20	MCS0	2	6515	106/54	0.60	0.60	1.40	2.10	4.77	-1.50		3.27	24.00	Pass
HE40	MCS0	2	6445	Full	0.18	0.18	10.10	10.30	13.21	-1.50		11.71	24.00	Pass
HE40	MCS0	2	6485	Full	0.18	0.18	9.70	10.60	13.18	-1.50		11.68	24.00	Pass
HE80	MCS0	2	6465	Full	0.35	0.35	12.20	12.60	15.41	-1.50		13.91	24.00	Pass

FCC Band VI straddle channel MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8			
HE40	MCS0	2	6525	Full	0.18	0.18	9.70	10.50	13.13	-1.50		11.63	24.00	Pass
HE80	MCS0	2	6545	Full	0.35	0.35	12.40	12.70	15.56	-1.50		14.06	24.00	Pass
HE160	MCS0	2	6505	Full	0.35	0.35	15.00	15.60	18.32	-1.50		16.82	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VI MIMO														
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)		DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail	
					Ant 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8			SUM
HE20	MCS0	2	6435	Full	0.18	0.18	-		-2.81	0.57	-2.24	-1.00	Pass	
HE20	MCS0	2	6435	26/0	0.48	0.48			-2.94	0.57	-2.37	-1.00	Pass	
HE20	MCS0	2	6435	52/37	0.52	0.52			-3.02	0.57	-2.45	-1.00	Pass	
HE20	MCS0	2	6435	106/53	0.60	0.60			-3.28	0.57	-2.71	-1.00	Pass	
HE20	MCS0	2	6475	Full	0.18	0.18			-3.25	0.57	-2.68	-1.00	Pass	
HE20	MCS0	2	6475	26/4	0.48	0.48			-3.52	0.57	-2.95	-1.00	Pass	
HE20	MCS0	2	6475	52/39	0.52	0.52			-3.51	0.57	-2.94	-1.00	Pass	
HE20	MCS0	2	6475	106/54	0.60	0.60			-3.43	0.57	-2.87	-1.00	Pass	
HE20	MCS0	2	6515	Full	0.18	0.18			-3.02	0.57	-2.46	-1.00	Pass	
HE20	MCS0	2	6515	26/8	0.48	0.48			-3.36	0.57	-2.80	-1.00	Pass	
HE20	MCS0	2	6515	52/40	0.52	0.52			-3.25	0.57	-2.68	-1.00	Pass	
HE20	MCS0	2	6515	106/54	0.60	0.60			-3.40	0.57	-2.83	-1.00	Pass	
HE40	MCS0	2	6445	Full	0.18	0.18			-1.73	0.57	-1.16	-1.00	Pass	
HE40	MCS0	2	6485	Full	0.18	0.18			-1.66	0.57	-1.10	-1.00	Pass	
HE80	MCS0	2	6465	Full	0.35	0.35			-1.95	0.57	-1.38	-1.00	Pass	

FCC Band VI straddle channel MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8	SUM		
HE40	MCS0	2	6525	Full	0.18	0.18	-		-1.60	0.57	-1.03	-1.00	Pass	
HE80	MCS0	2	6545	Full	0.35	0.35			-1.86	0.57	-1.30	-1.00	Pass	
HE160	MCS0	2	6505	Full	0.35	0.35			-1.83	0.57	-1.26	-1.00	Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band VII MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 4	Ant 8	Ant 4	Ant 8	
HE20	MCS0	2	6535	Full	19.13	19.13	21.75	21.70	-
HE20	MCS0	2	6695	Full	19.13	19.13	21.75	21.70	-
HE20	MCS0	2	6855	Full	19.13	19.18	21.75	21.65	-
HE40	MCS0	2	6565	Full	37.96	37.86	40.32	39.69	-
HE40	MCS0	2	6685	Full	37.86	37.86	40.14	39.78	-
HE40	MCS0	2	6845	Full	37.96	37.86	39.87	40.05	-
HE80	MCS0	2	6625	Full	77.20	77.20	82.56	81.92	-
HE80	MCS0	2	6705	Full	77.20	77.20	82.40	82.24	-
HE80	MCS0	2	6785	Full	77.08	77.20	82.40	82.24	-
HE160	MCS0	2	6665	Full	156.80	156.56	166.40	166.40	-

Band VII straddle channel MIMO															
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 4	Ant 8	Ant 4	Ant 8	Ant 4	Ant 8	Ant 4	Ant 8	Ant 4	Ant 8	
HE20	MCS0	2	6875	Full	19.13	19.13	21.90	21.85	-	-	-	-	-	-	
HE40	MCS0	2	6885	Full	37.96	37.76	40.05	40.05	-	-	-	-	-	-	
HE80	MCS0	2	6865	Full	77.20	77.20	82.08	82.24	-	-	-	-	-	-	
HE160	MCS0	2	6825	Full	156.56	156.80	166.08	165.44	-	-	-	-	-	-	

TEST RESULTS DATA
EIRP Power Table

FCC Band VII MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass. /Fail
					Ant 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8			
HE20	MCS0	2	6535	Full	0.18	0.18	5.50	6.00	8.77	-1.90		6.87	24.00	Pass
HE20	MCS0	2	6535	26/0	0.48	0.48	-4.10	-3.00	-0.50	-1.90		-2.40	24.00	Pass
HE20	MCS0	2	6535	52/37	0.52	0.52	-1.30	-0.60	2.07	-1.90		0.17	24.00	Pass
HE20	MCS0	2	6535	106/53	0.60	0.60	1.40	2.40	4.94	-1.90		3.04	24.00	Pass
HE20	MCS0	2	6695	Full	0.18	0.18	4.90	5.70	8.33	-1.90		6.43	24.00	Pass
HE20	MCS0	2	6695	26/4	0.48	0.48	-3.20	-2.20	0.34	-1.90		-1.56	24.00	Pass
HE20	MCS0	2	6695	52/38	0.52	0.52	-1.30	-0.70	2.02	-1.90		0.12	24.00	Pass
HE20	MCS0	2	6695	106/53	0.60	0.60	1.70	2.70	5.24	-1.90		3.34	24.00	Pass
HE20	MCS0	2	6855	Full	0.18	0.18	7.50	8.20	10.87	-1.90		8.97	24.00	Pass
HE20	MCS0	2	6855	26/8	0.48	0.48	-2.20	-1.70	1.07	-1.90		-0.83	24.00	Pass
HE20	MCS0	2	6855	52/40	0.52	0.52	0.60	1.10	3.87	-1.90		1.97	24.00	Pass
HE20	MCS0	2	6855	106/54	0.60	0.60	3.40	4.30	6.88	-1.90		4.98	24.00	Pass
HE40	MCS0	2	6565	Full	0.18	0.18	10.20	10.50	13.36	-1.90		11.46	24.00	Pass
HE40	MCS0	2	6685	Full	0.18	0.18	10.40	10.40	13.41	-1.90		11.51	24.00	Pass
HE40	MCS0	2	6845	Full	0.18	0.18	10.10	11.00	13.58	-1.90		11.68	24.00	Pass
HE80	MCS0	2	6625	Full	0.35	0.35	12.60	13.10	15.87	-1.90		13.97	24.00	Pass
HE80	MCS0	2	6705	Full	0.35	0.35	12.70	13.00	15.86	-1.90		13.96	24.00	Pass
HE80	MCS0	2	6785	Full	0.35	0.35	12.50	13.40	15.98	-1.90		14.08	24.00	Pass
HE160	MCS0	2	6665	Full	0.35	0.35	15.80	15.70	18.76	-1.90		16.86	24.00	Pass

FCC Band VII straddle channel MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8			
HE20	MCS0	2	6875	Full	0.18	0.18	5.70	6.10	8.91	-1.90		7.01	24.00	Pass
HE20	MCS0	2	6875	26/8	0.48	0.48	-2.60	-2.20	0.61	-1.90		-1.29	24.00	Pass
HE20	MCS0	2	6875	52/40	0.52	0.52	-1.60	-0.20	2.17	-1.90		0.27	24.00	Pass
HE20	MCS0	2	6875	106/54	0.60	0.60	1.70	2.50	5.13	-1.90		3.23	24.00	Pass
HE40	MCS0	2	6885	Full	0.18	0.18	10.30	11.00	13.67	-1.90		11.77	24.00	Pass
HE80	MCS0	2	6865	Full	0.35	0.35	12.50	13.70	16.15	-1.90		14.25	24.00	Pass
HE160	MCS0	2	6825	Full	0.35	0.35	15.10	16.60	18.92	-1.90		17.02	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC Band VII MIMO														
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass. /Fail
					Ant 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8	SUM		
HE20	MCS0	2	6535	Full	0.18	0.18	-		-3.23	0.35		-2.88	-1.00	Pass
HE20	MCS0	2	6535	26/0	0.48	0.48			-3.30	0.35		-2.95	-1.00	Pass
HE20	MCS0	2	6535	52/37	0.52	0.52			-3.40	0.35		-3.06	-1.00	Pass
HE20	MCS0	2	6535	106/53	0.60	0.60			-3.59	0.35		-3.24	-1.00	Pass
HE20	MCS0	2	6695	Full	0.18	0.18			-3.59	0.35		-3.24	-1.00	Pass
HE20	MCS0	2	6695	26/4	0.48	0.48			-3.68	0.35		-3.33	-1.00	Pass
HE20	MCS0	2	6695	52/38	0.52	0.52			-3.66	0.35		-3.31	-1.00	Pass
HE20	MCS0	2	6695	106/53	0.60	0.60			-3.63	0.35		-3.29	-1.00	Pass
HE20	MCS0	2	6855	Full	0.18	0.18			-1.56	0.35		-1.21	-1.00	Pass
HE20	MCS0	2	6855	26/8	0.48	0.48			-1.92	0.35		-1.57	-1.00	Pass
HE20	MCS0	2	6855	52/40	0.52	0.52			-1.98	0.35		-1.63	-1.00	Pass
HE20	MCS0	2	6855	106/54	0.60	0.60			-1.88	0.35		-1.53	-1.00	Pass
HE40	MCS0	2	6565	Full	0.18	0.18			-1.54	0.35		-1.20	-1.00	Pass
HE40	MCS0	2	6685	Full	0.18	0.18			-1.56	0.35		-1.21	-1.00	Pass
HE40	MCS0	2	6845	Full	0.18	0.18			-1.60	0.35		-1.25	-1.00	Pass
HE80	MCS0	2	6625	Full	0.35	0.35			-1.61	0.35		-1.26	-1.00	Pass
HE80	MCS0	2	6705	Full	0.35	0.35			-1.64	0.35		-1.29	-1.00	Pass
HE80	MCS0	2	6785	Full	0.35	0.35			-1.64	0.35		-1.29	-1.00	Pass
HE160	MCS0	2	6665	Full	0.35	0.35			-1.63	0.35		-1.28	-1.00	Pass

FCC Band VII straddle channel MIMO														
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8	SUM		
HE20	MCS0	2	6875	Full	0.18	0.18	-	-3.44	0.35	-3.09	-1.00	Pass		
HE20	MCS0	2	6875	26/8	0.48	0.48		-3.58	0.35	-3.23	-1.00	Pass		
HE20	MCS0	2	6875	52/40	0.52	0.52		-3.62	0.35	-3.27	-1.00	Pass		
HE20	MCS0	2	6875	106/54	0.60	0.60		-3.59	0.35	-3.24	-1.00	Pass		
HE40	MCS0	2	6885	Full	0.18	0.18		-1.39	0.35	-1.04	-1.00	Pass		
HE80	MCS0	2	6865	Full	0.35	0.35		-1.51	0.35	-1.17	-1.00	Pass		
HE160	MCS0	2	6825	Full	0.35	0.35		-1.56	0.35	-1.21	-1.00	Pass		

TEST RESULTS DATA
26dB EBW and 99% OBW

Band VIII MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 4	Ant 8	Ant 4	Ant 8	
HE20	MCS0	2	6895	Full	19.13	19.13	21.80	21.55	
HE20	MCS0	2	6995	Full	19.13	19.13	21.50	21.55	
HE20	MCS0	2	7095	Full	19.13	19.08	21.85	21.90	
HE40	MCS0	2	6925	Full	37.96	37.96	39.96	39.87	
HE40	MCS0	2	7005	Full	37.86	37.86	39.78	39.87	
HE40	MCS0	2	7085	Full	37.76	37.76	39.96	39.78	
HE80	MCS0	2	6945	Full	77.08	77.20	82.24	82.08	
HE80	MCS0	2	7025	Full	77.20	77.20	81.92	81.60	
HE160	MCS0	2	6985	Full	156.32	156.80	165.12	166.40	

TEST RESULTS DATA
EIRP Power Table

Band VIII MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8	SUM		
HE20	MCS0	2	6895	Full	0.18	0.18	5.80	6.10	8.96	-1.40		7.56	24.00	Pass
HE20	MCS0	2	6895	26/0	0.48	0.48	-2.50	-2.20	0.66	-1.40		-0.74	24.00	Pass
HE20	MCS0	2	6895	52/37	0.52	0.52	-0.70	0.10	2.73	-1.40		1.33	24.00	Pass
HE20	MCS0	2	6895	106/53	0.60	0.60	2.00	2.90	5.48	-1.40		4.08	24.00	Pass
HE20	MCS0	2	6995	Full	0.18	0.18	5.60	6.40	9.03	-1.40		7.63	24.00	Pass
HE20	MCS0	2	6995	26/4	0.48	0.48	-2.30	-1.20	1.30	-1.40		-0.10	24.00	Pass
HE20	MCS0	2	6995	52/38	0.52	0.52	-0.20	1.00	3.45	-1.40		2.05	24.00	Pass
HE20	MCS0	2	6995	106/53	0.60	0.60	2.90	4.00	6.50	-1.40		5.10	24.00	Pass
HE20	MCS0	2	7095	Full	0.18	0.18	5.50	6.10	8.82	-1.40		7.42	24.00	Pass
HE20	MCS0	2	7095	26/8	0.48	0.48	-2.80	-2.20	0.52	-1.40		-0.88	24.00	Pass
HE20	MCS0	2	7095	52/40	0.52	0.52	-1.10	-0.40	2.27	-1.40		0.87	24.00	Pass
HE20	MCS0	2	7095	106/54	0.60	0.60	1.90	2.90	5.44	-1.40		4.04	24.00	Pass
HE40	MCS0	2	6925	Full	0.18	0.18	10.10	10.30	13.21	-1.40		11.81	24.00	Pass
HE40	MCS0	2	7005	Full	0.18	0.18	9.90	9.90	12.91	-1.40		11.51	24.00	Pass
HE40	MCS0	2	7085	Full	0.18	0.18	10.20	10.60	13.41	-1.40		12.01	24.00	Pass
HE80	MCS0	2	6945	Full	0.35	0.35	12.80	13.10	15.96	-1.40		14.56	24.00	Pass
HE80	MCS0	2	7025	Full	0.35	0.35	12.50	12.80	15.66	-1.40		14.26	24.00	Pass
HE160	MCS0	2	6985	Full	0.35	0.35	15.40	16.20	18.83	-1.40		17.43	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC Band VIII MIMO														
Mod.	Data Rate	NTx	Freq. (MHz)	RU Config	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8	SUM		
HE20	MCS0	2	6895	Full	0.18	0.18	-		-3.22	0.62	-2.60	-1.00	Pass	
HE20	MCS0	2	6895	26/0	0.48	0.48			-3.36	0.62	-2.74	-1.00	Pass	
HE20	MCS0	2	6895	52/37	0.52	0.52			-3.25	0.62	-2.62	-1.00	Pass	
HE20	MCS0	2	6895	106/53	0.60	0.60			-3.38	0.62	-2.76	-1.00	Pass	
HE20	MCS0	2	6995	Full	0.18	0.18			-2.62	0.62	-2.00	-1.00	Pass	
HE20	MCS0	2	6995	26/4	0.48	0.48			-2.91	0.62	-2.29	-1.00	Pass	
HE20	MCS0	2	6995	52/38	0.52	0.52			-2.76	0.62	-2.14	-1.00	Pass	
HE20	MCS0	2	6995	106/53	0.60	0.60			-2.84	0.62	-2.22	-1.00	Pass	
HE20	MCS0	2	7095	Full	0.18	0.18			-2.84	0.62	-2.21	-1.00	Pass	
HE20	MCS0	2	7095	26/8	0.48	0.48			-3.23	0.62	-2.61	-1.00	Pass	
HE20	MCS0	2	7095	52/40	0.52	0.52			-2.96	0.62	-2.34	-1.00	Pass	
HE20	MCS0	2	7095	106/54	0.60	0.60			-2.95	0.62	-2.33	-1.00	Pass	
HE40	MCS0	2	6925	Full	0.18	0.18			-1.87	0.62	-1.25	-1.00	Pass	
HE40	MCS0	2	7005	Full	0.18	0.18			-1.65	0.62	-1.02	-1.00	Pass	
HE40	MCS0	2	7085	Full	0.18	0.18			-1.78	0.62	-1.16	-1.00	Pass	
HE80	MCS0	2	6945	Full	0.35	0.35			-1.74	0.62	-1.11	-1.00	Pass	
HE80	MCS0	2	7025	Full	0.35	0.35			-1.64	0.62	-1.01	-1.00	Pass	
HE160	MCS0	2	6985	Full	0.35	0.35			-1.70	0.62	-1.08	-1.00	Pass	



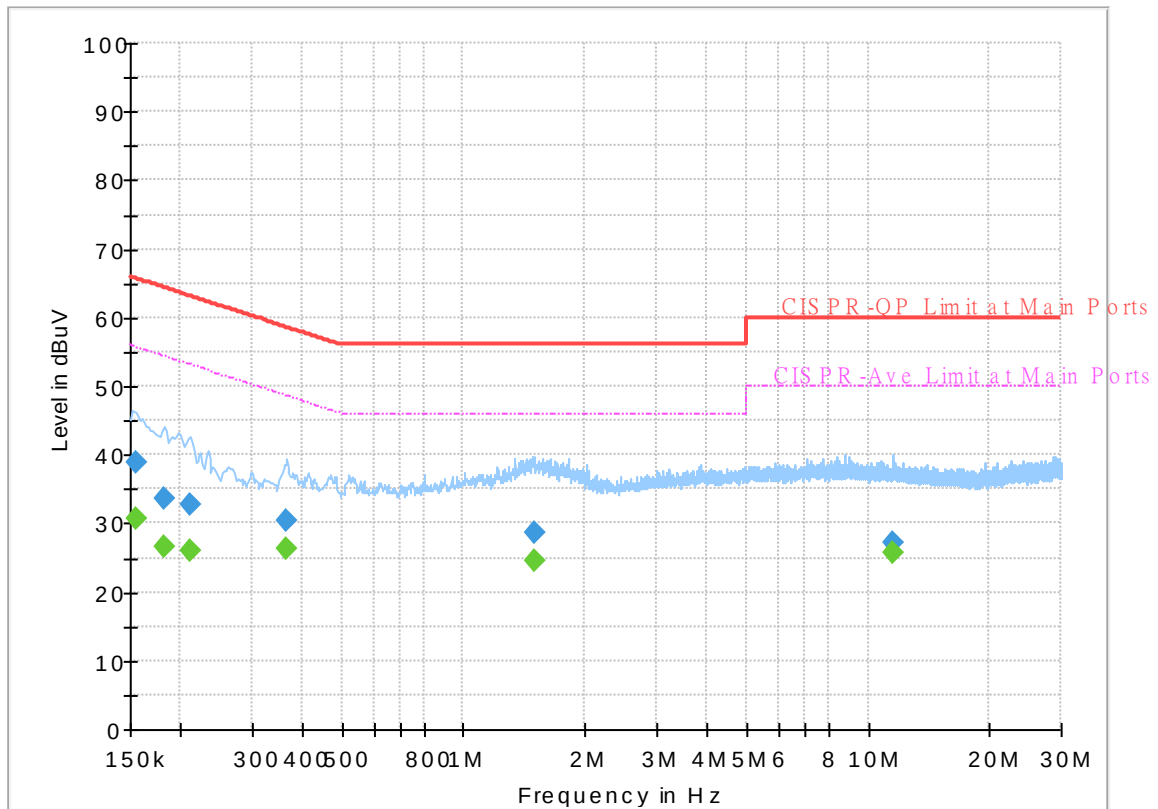
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee	Temperature :	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO : 1O2919-05
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

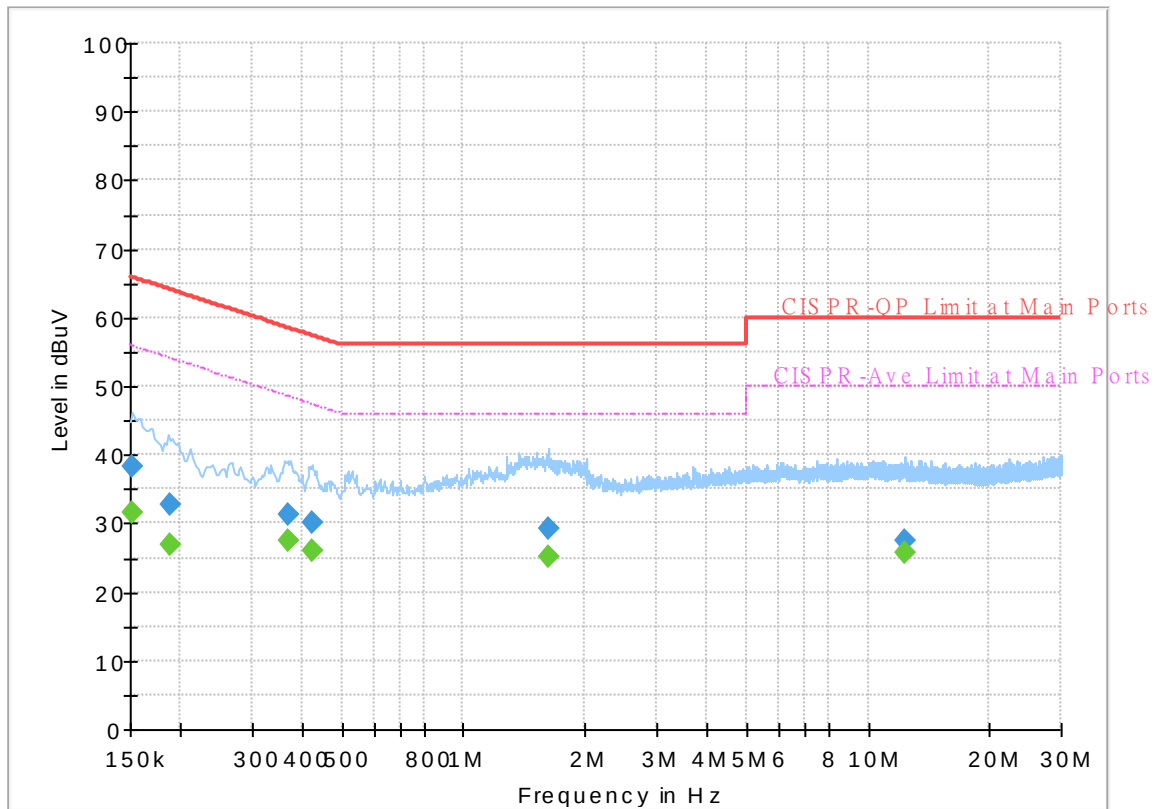
Full Spectrum



EUT Information

Report NO : 1O2919-05
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	31.65	55.88	24.23	N	OFF	19.6
0.152250	38.16	---	65.88	27.72	N	OFF	19.6
0.188250	---	26.86	54.11	27.25	N	OFF	19.6
0.188250	32.66	---	64.11	31.45	N	OFF	19.6
0.368250	---	27.60	48.54	20.94	N	OFF	19.6
0.368250	31.16	---	58.54	27.38	N	OFF	19.6
0.422250	---	26.01	47.40	21.39	N	OFF	19.6
0.422250	30.24	---	57.40	27.16	N	OFF	19.6
1.619250	---	25.17	46.00	20.83	N	OFF	19.7
1.619250	29.28	---	56.00	26.72	N	OFF	19.7
12.360750	---	25.87	50.00	24.13	N	OFF	20.2
12.360750	27.57	---	60.00	32.43	N	OFF	20.2



Appendix C. Radiated Spurious Emission

Test Engineer :	Karl Hou and Andy Yang	Temperature :	20~25°C
		Relative Humidity :	50~60%

Band 5 - 5925~6425MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH01 5955MHz		5898.28	56.22	-31.98	88.2	39.19	34	12.67	29.64	100	116	P	H
		5859.56	45.09	-23.11	68.2	27.92	34	12.8	29.63	100	116	A	H
	*	5955	99.09	-	-	82.18	34.07	12.49	29.65	100	116	P	H
	*	5955	88.8	-	-	71.89	34.07	12.49	29.65	100	116	A	H
		5853.48	55.36	-32.84	88.2	38.17	34	12.82	29.63	100	97	P	V
		5865	45.08	-23.12	68.2	27.94	34	12.78	29.64	100	97	A	V
	*	5955	94.21	-	-	77.3	34.07	12.49	29.65	100	97	P	V
	*	5955	84.01	-	-	67.1	34.07	12.49	29.65	100	97	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5955~6425MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 4+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH03 5965MHz		5821.48	56.37	-31.83	88.2	39.25	33.83	12.92	29.63	100	116	P	H
		5833.64	45.29	-22.91	68.2	28.14	33.9	12.88	29.63	100	116	A	H
	*	5965	99.3	-	-	82.49	34.01	12.45	29.65	100	116	P	H
	*	5965	88.6	-	-	71.79	34.01	12.45	29.65	100	116	A	H
		5787.24	55.71	-32.49	88.2	38.68	33.67	12.98	29.62	100	96	P	V
		5880.36	45.01	-23.19	68.2	27.92	34	12.73	29.64	100	96	A	V
	*	5965	93.61	-	-	76.8	34.01	12.45	29.65	100	96	P	V
	*	5965	84.26	-	-	67.45	34.01	12.45	29.65	100	96	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5955~6425MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 4+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH07 5985MHz		5883.88	56.27	-31.93	88.2	39.19	34	12.72	29.64	100	116	P	H
		5840.36	45.4	-22.8	68.2	28.23	33.94	12.86	29.63	100	116	A	H
	*	5985	98.81	-	-	82.19	33.89	12.39	29.66	100	116	P	H
	*	5985	88.33	-	-	71.71	33.89	12.39	29.66	100	116	A	H
		5864.04	55.95	-32.25	88.2	38.81	34	12.78	29.64	100	95	P	V
		5831.72	45.13	-23.07	68.2	27.98	33.89	12.89	29.63	100	95	A	V
	*	5985	95.88	-	-	79.26	33.89	12.39	29.66	100	95	P	V
	*	5985	85.07	-	-	68.45	33.89	12.39	29.66	100	95	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5955~6425MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 4+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 15 6025MHz		5911.72	57.2	-31	88.2	40.19	34.02	12.63	29.64	100	114	P	H
		5923.56	46.19	-22.01	68.2	29.2	34.05	12.59	29.65	100	114	A	H
	*	6025	99.64	-	-	82.88	33.9	12.54	29.68	100	114	P	H
	*	6025	88.34	-	-	71.58	33.9	12.54	29.68	100	114	A	H
		5865.32	56.46	-31.74	88.2	39.32	34	12.78	29.64	100	95	P	V
		5863.08	45.26	-22.94	68.2	28.12	34	12.78	29.64	100	95	A	V
	*	6025	95.79	-	-	79.03	33.9	12.54	29.68	100	95	P	V
	*	6025	85.39	-	-	68.63	33.9	12.54	29.68	100	95	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5955~6425MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 4+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 15 6025MHz		11120	48.48	-25.52	74	45.97	38.92	18.87	55.28	-	-	P	H
		11120	38.1	-15.9	54	35.59	38.92	18.87	55.28	-	-	A	H
		12050	46.25	-27.75	74	42.62	38.85	19.57	54.79	-	-	P	H
		14488	48.87	-25.13	74	41.03	40.4	21.77	54.33	-	-	P	H
		14488	42.02	-11.98	54	34.18	40.4	21.77	54.33	-	-	A	H
		17848	54.11	-19.89	74	44.11	41.58	24.92	56.5	-	-	P	H
		17848	41.49	-12.51	54	31.49	41.58	24.92	56.5	-	-	A	H
		18075	37.2	-36.8	74	59.13	37.62	-3.72	55.83	-	-	P	H
		10784	48.31	-25.69	74	45.89	39.17	18.67	55.42	-	-	P	V
		10784	38.08	-15.92	54	35.66	39.17	18.67	55.42	-	-	A	V
		12050	46.63	-27.37	74	43	38.85	19.57	54.79	-	-	P	V
		14480	49.62	-24.38	74	41.78	40.4	21.76	54.32	-	-	P	V
		14480	42.32	-11.68	54	34.48	40.4	21.76	54.32	-	-	A	V
		17928	53.1	-20.9	74	42.28	42.42	24.95	56.55	-	-	P	V
		17928	42.7	-11.3	54	31.88	42.42	24.95	56.55	-	-	A	V
		18075	37.87	-36.13	74	59.8	37.62	-3.72	55.83	-	-	P	V



802.11ax HE160 Full CH 47 6185MHz		10992	48.6	-25.4	74	46.3	38.89	18.78	55.37	-	-	P	H
		10992	37.93	-16.07	54	35.63	38.89	18.78	55.37	-	-	A	H
		12370	47.35	-26.65	74	43.26	38.8	19.85	54.56	-	-	P	H
		14488	49.04	-24.96	74	41.2	40.4	21.77	54.33	-	-	P	H
		14488	42.61	-11.39	54	34.77	40.4	21.77	54.33	-	-	A	H
		17928	53.17	-20.83	74	42.35	42.42	24.95	56.55	-	-	P	H
		17928	45.41	-8.59	54	34.59	42.42	24.95	56.55	-	-	A	H
		18555	36.4	-37.6	74	57.43	37.94	-3.6	55.37	-	-	P	H
		10616	49.36	-24.64	74	47.24	39	18.58	55.46	-	-	P	V
		10616	37.6	-16.4	54	35.48	39	18.58	55.46	-	-	A	V
		12370	47.05	-26.95	74	42.96	38.8	19.85	54.56	-	-	P	V
		14488	49.14	-24.86	74	41.3	40.4	21.77	54.33	-	-	P	V
		14488	42.13	-11.87	54	34.29	40.4	21.77	54.33	-	-	A	V
		17928	53.6	-20.4	74	42.78	42.42	24.95	56.55	-	-	P	V
		17928	42.3	-11.7	54	31.48	42.42	24.95	56.55	-	-	A	V
		18555	36.58	-37.42	74	57.61	37.94	-3.6	55.37	-	-	P	V



802.11ax HE160 Full CH 79 6345MHz		10640	48.5	-25.5	74	46.36	39	18.6	55.46	-	-	P	H
		10640	37.62	-16.38	54	35.48	39	18.6	55.46	-	-	A	H
		12690	47.39	-26.61	74	42.69	39.07	20.13	54.5	-	-	P	H
		14472	49.05	-24.95	74	41.22	40.4	21.75	54.32	-	-	P	H
		14472	42.49	-11.51	54	34.66	40.4	21.75	54.32	-	-	A	H
		17840	53.29	-20.71	74	43.38	41.48	24.92	56.49	-	-	P	H
		17840	41.5	-12.5	54	31.59	41.48	24.92	56.49	-	-	A	H
		19035	36.07	-37.93	74	56.82	38.01	-3.67	55.09	-	-	P	H
		10688	48.42	-25.58	74	46.24	39	18.62	55.44	-	-	P	V
		10688	37.46	-16.54	54	35.28	39	18.62	55.44	-	-	A	V
		12690	47.3	-26.7	74	42.6	39.07	20.13	54.5	-	-	P	V
		14496	48.49	-25.51	74	40.64	40.4	21.78	54.33	-	-	P	V
		14496	42.44	-11.56	54	34.59	40.4	21.78	54.33	-	-	A	V
		17952	53.46	-20.54	74	42.46	42.62	24.95	56.57	-	-	P	V
		17952	42.39	-11.61	54	31.39	42.62	24.95	56.57	-	-	A	V
		19035	37.19	-36.81	74	57.94	38.01	-3.67	55.09	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 6 - 5925~6425MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full CH 111 6505MHz		10768	48.46	-25.54	74	46.09	39.14	18.66	55.43	-	-	P	H
		10768	37.63	-16.37	54	35.26	39.14	18.66	55.43	-	-	A	H
		13010	49.11	-39.09	88.2	43.85	39.4	20.41	54.55	-	-	P	H
		14480	48.6	-25.4	74	40.76	40.4	21.76	54.32	-	-	P	H
		14480	42.45	-11.55	54	34.61	40.4	21.76	54.32	-	-	A	H
		17936	53.02	-20.98	74	42.14	42.49	24.95	56.56	-	-	P	H
		17936	42.74	-11.26	54	31.86	42.49	24.95	56.56	-	-	A	H
		19515	35.21	-38.79	74	56.13	37.71	-3.63	55	-	-	P	H
		11104	48.89	-25.11	74	46.42	38.9	18.86	55.29	-	-	P	V
		11104	37.9	-16.1	54	35.43	38.9	18.86	55.29	-	-	A	V
		13010	47.31	-40.89	88.2	42.05	39.4	20.41	54.55	-	-	P	V
		14472	49.94	-24.06	74	42.11	40.4	21.75	54.32	-	-	P	V
		14472	42.69	-11.31	54	34.86	40.4	21.75	54.32	-	-	A	V
		17936	53.49	-20.51	74	42.61	42.49	24.95	56.56	-	-	P	V
		17936	41.99	-12.01	54	31.11	42.49	24.95	56.56	-	-	A	V
		19515	36.31	-37.69	74	57.23	37.71	-3.63	55	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

**Band 7 6525~6875MHz****WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

WIFI Ant. 4+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 143 6665MHz		10648	48.8	-25.2	74	46.65	39	18.6	55.45	-	-	P	H
		10648	37.69	-16.31	54	35.54	39	18.6	55.45	-	-	A	H
		13330	47.36	-26.64	74	41.22	39.65	20.69	54.2	-	-	P	H
		14480	49.65	-24.35	74	41.81	40.4	21.76	54.32	-	-	P	H
		14480	42.82	-11.18	54	34.98	40.4	21.76	54.32	-	-	A	H
		17928	53.28	-20.72	74	42.46	42.42	24.95	56.55	-	-	P	H
		17928	42.45	-11.55	54	31.63	42.42	24.95	56.55	-	-	A	H
		19995	35.39	-38.61	74	56.31	37.51	-3.53	54.9	-	-	P	H
		11456	48.56	-25.44	74	45.49	38.98	19.12	55.03	-	-	P	V
		11456	38.68	-15.32	54	35.61	38.98	19.12	55.03	-	-	A	V
		13330	47.38	-26.62	74	41.26	39.64	20.69	54.21	-	-	P	V
		14496	48.71	-25.29	74	40.86	40.4	21.78	54.33	-	-	P	V
		14496	42.14	-11.86	54	34.29	40.4	21.78	54.33	-	-	A	V
		17952	52.91	-21.09	74	41.91	42.62	24.95	56.57	-	-	P	V
		17952	42.57	-11.43	54	31.57	42.62	24.95	56.57	-	-	A	V
		19995	35.55	-38.45	74	56.47	37.51	-3.53	54.9	-	-	P	V



802.11ax HE160 Full CH 175 6825MHz		12096	48.44	-25.56	74	44.6	38.99	19.61	54.76	-	-	P	H
		12096	39.72	-14.28	54	35.88	38.99	19.61	54.76	-	-	A	H
		13650	48.44	-39.76	88.2	41.43	40.1	20.98	54.07	-	-	P	H
		14480	48.94	-25.06	74	41.1	40.4	21.76	54.32	-	-	P	H
		14480	42.43	-11.57	54	34.59	40.4	21.76	54.32	-	-	A	H
		17976	52.72	-21.28	74	41.53	42.81	24.96	56.58	-	-	P	H
		17976	42.66	-11.34	54	31.47	42.81	24.96	56.58	-	-	A	V
		20475	36.05	-37.95	74	56.47	37.98	-3.5	54.9	-	-	P	V
		10712	48.6	-25.4	74	46.39	39.02	18.63	55.44	-	-	P	V
		10712	38.1	-15.9	54	35.89	39.02	18.63	55.44	-	-	A	V
		13650	49.23	-38.97	88.2	42.22	40.1	20.98	54.07	-	-	P	V
		14496	49.26	-24.74	74	41.41	40.4	21.78	54.33	-	-	P	V
		14496	42.46	-11.54	54	34.61	40.4	21.78	54.33	-	-	A	V
		17928	53.42	-20.58	74	42.6	42.42	24.95	56.55	-	-	P	V
		17928	42.51	-11.49	54	31.69	42.42	24.95	56.55	-	-	A	V
		20475	35.64	-38.36	74	56.06	37.98	-3.5	54.9	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 8 - 6875~7125MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 CH 229 7095MHz	*	7095	98.64	-	-	77.52	36.27	14.93	30.08	382	6	P	H
	*	7095	87.95	-	-	66.83	36.27	14.93	30.08	382	6	A	H
		7132.52	60.75	-27.45	88.2	39.47	36.5	14.87	30.09	382	6	P	H
		7142.76	50.29	-17.91	68.2	28.97	36.56	14.85	30.09	382	6	A	H
	*	7095	97.81	-	-	76.69	36.27	14.93	30.08	100	352	P	V
	*	7095	87.48	-	-	66.36	36.27	14.93	30.08	100	352	A	V
		7170.92	61.28	-26.92	88.2	40.02	36.56	14.8	30.1	100	352	P	V
		7138.28	50.21	-17.99	68.2	28.91	36.53	14.86	30.09	100	352	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 4+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 227 7085MHz	*	7085	100.17	-	-	79.09	36.21	14.95	30.08	349	1	P	H
	*	7085	89.38	-	-	68.3	36.21	14.95	30.08	349	1	A	H
		7224.04	61.12	-27.08	88.2	39.69	36.69	14.86	30.12	349	1	P	H
		7143.72	50.23	-17.97	68.2	28.91	36.56	14.85	30.09	349	1	A	H
	*	7085	99.65	-	-	78.57	36.21	14.95	30.08	102	330	P	V
	*	7085	89.03	-	-	67.95	36.21	14.95	30.08	102	330	A	V
		7185.32	60.69	-27.51	88.2	39.49	36.53	14.78	30.11	102	330	P	V
		7149.8	50.18	-18.02	68.2	28.83	36.6	14.84	30.09	102	330	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 4+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 215 7025MHz	*	7025	100.74	-	-	79.84	35.9	15.06	30.06	357	351	P	H
	*	7025	90.55	-	-	69.65	35.9	15.06	30.06	357	351	A	H
		7211.24	61.43	-26.77	88.2	40.15	36.59	14.8	30.11	357	351	P	H
		7147.24	50.19	-18.01	68.2	28.86	36.58	14.84	30.09	357	351	A	H
	*	7025	99.57	-	-	78.67	35.9	15.06	30.06	102	330	P	V
	*	7025	88.96	-	-	68.06	35.9	15.06	30.06	102	330	A	V
		7143.08	61.47	-26.73	88.2	40.15	36.56	14.85	30.09	102	330	P	V
		7131.56	50.15	-18.05	68.2	28.88	36.49	14.87	30.09	102	330	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 8 - 6875~7125MHz****WIFI 802.11ax HE160 Full (Band Edge @ 3m)**

WIFI Ant. 4+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 207 6985MHz	*	6985	99.25	-	-	78.46	35.8	15.04	30.05	385	359	P	H
	*	6985	89.14	-	-	68.35	35.8	15.04	30.05	385	359	A	H
		7127.08	62.79	-25.41	88.2	41.54	36.46	14.88	30.09	385	359	P	H
		7136.68	50.49	-17.71	68.2	29.2	36.52	14.86	30.09	385	359	A	H
	*	6985	98.16	-	-	77.37	35.8	15.04	30.05	100	330	P	V
	*	6985	88.12	-	-	67.33	35.8	15.04	30.05	100	330	A	V
		7142.44	63.85	-24.35	88.2	42.54	36.55	14.85	30.09	100	330	P	V
		7133.48	51.21	-16.99	68.2	29.93	36.5	14.87	30.09	100	330	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 4+8	Note	Frequency (MHz)	Level (dBμV/m)	Margin Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 207 6985MHz		11424	48.65	-25.35	74	45.52	39.1	19.09	55.06	-	-	P	H
		11424	38.6	-15.4	54	35.47	39.1	19.09	55.06	-	-	A	H
		13970	48.78	-39.42	88.2	41.3	40.38	21.27	54.17	-	-	P	H
		14480	49.11	-24.89	74	41.27	40.4	21.76	54.32	-	-	P	H
		14480	42.33	-11.67	54	34.49	40.4	21.76	54.32	-	-	A	H
		17952	53.27	-20.73	74	42.27	42.62	24.95	56.57	-	-	P	H
		17952	42.69	-11.31	54	31.69	42.62	24.95	56.57	-	-	A	H
		20955	34.24	-39.76	74	54.36	37.96	-3.36	54.72	-	-	P	H
		11128	49.1	-24.9	74	46.58	38.93	18.87	55.28	-	-	P	V
		11128	38.19	-15.81	54	35.67	38.93	18.87	55.28	-	-	A	V
		13970	48.59	-39.61	88.2	41.11	40.38	21.27	54.17	-	-	P	V
		14472	49.28	-24.72	74	41.45	40.4	21.75	54.32	-	-	P	V
		14472	42.57	-11.43	54	34.74	40.4	21.75	54.32	-	-	A	V
		17936	53.46	-20.54	74	42.58	42.49	24.95	56.56	-	-	P	V
		17936	42.46	-11.54	54	31.58	42.49	24.95	56.56	-	-	A	V
		20955	36.97	-37.03	74	57.09	37.96	-3.36	54.72	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Emission below 1GHz

WIFI 802.11ax HE160 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full LF		30.97	22.01	-17.99	40	29.45	24.05	0.83	32.32	-	-	P	H
		96.93	26.73	-16.77	43.5	41.72	15.54	1.78	32.31	-	-	P	H
		478.14	25.61	-20.39	46	30.46	23.65	3.88	32.38	-	-	P	H
		633.34	28.26	-17.74	46	30.06	26.3	4.42	32.52	-	-	P	H
		843.83	32.66	-13.34	46	30.49	29.05	5.11	31.99	-	-	P	H
		954.41	33.86	-12.14	46	28.88	30.67	5.47	31.16	-	-	P	H
													H
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													H
													H
		33.88	25.55	-14.45	40	34.19	22.77	0.9	32.31	-	-	P	V
		95.96	23.4	-20.1	43.5	38.53	15.41	1.77	32.31	-	-	P	V
		180.35	25.26	-18.24	43.5	40	15.05	2.43	32.22	-	-	P	V
		582.9	27.52	-18.48	46	30.11	25.67	4.27	32.53	-	-	P	V
		794.36	31.97	-14.03	46	31.32	27.98	4.93	32.26	-	-	P	V
		931.13	33.61	-12.39	46	29.71	29.84	5.39	31.33	-	-	P	V
													V
													V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against limit line.												
	3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



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 Margin 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	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a		5925	55.45	-32.75	88.2	54.51	32.22	4.58	35.86	103	308	P	H
CH 01		5925	43.54	-24.66	68.2	42.6	32.22	4.58	35.86	103	308	A	H
5955MHz													

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 5925MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path 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. Margin Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -32.75(dB)

For Average Limit @ 5925MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path 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. Margin Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -24.66(dB)

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

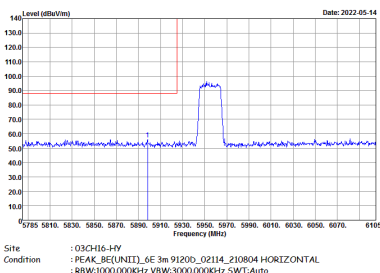
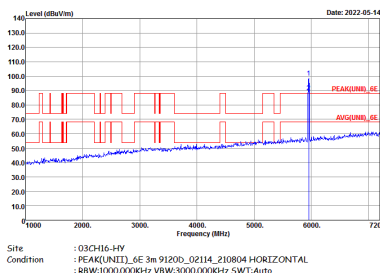
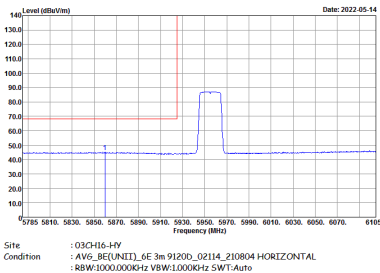


Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Karl Hou and Andy Yang	Temperature :	20~25°C
		Relative Humidity :	50~60%

Band 5 - 5925~6425MHz

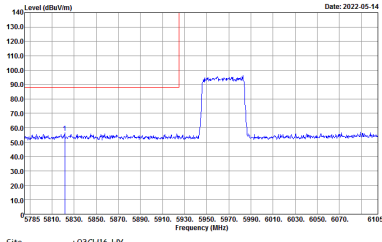
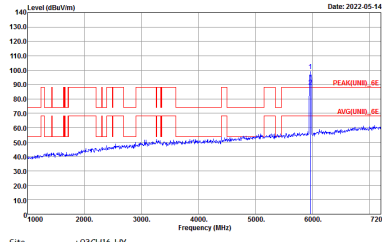
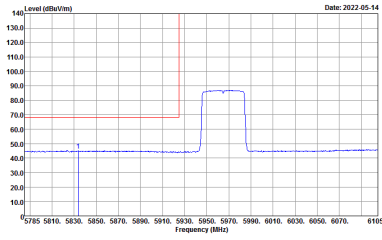
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+8	Horizontal	Fundamental
Peak		
Avg.		Left blank

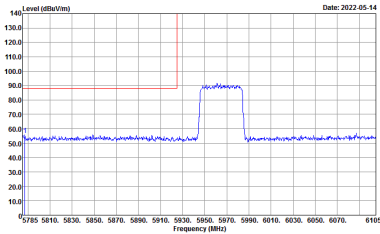
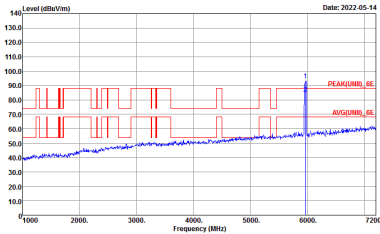
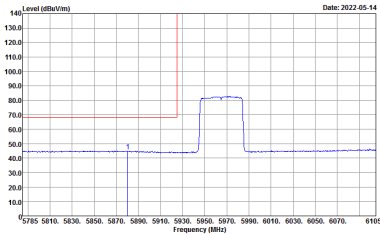


WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+8	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

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

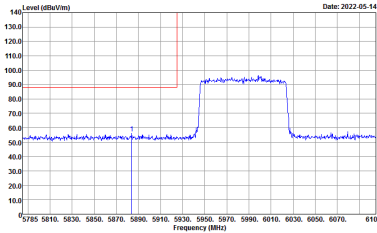
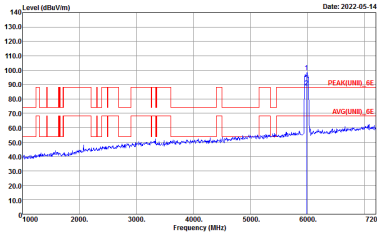
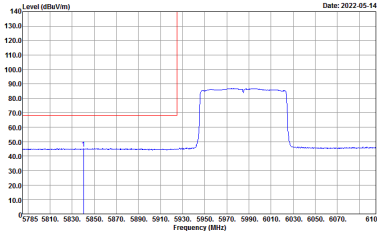
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:10000kHz SWT:Auto	Left blank



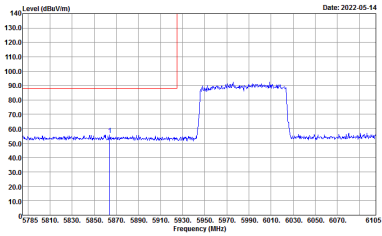
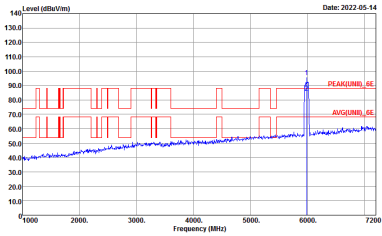
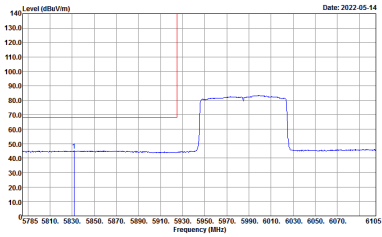
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



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

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto	Left blank

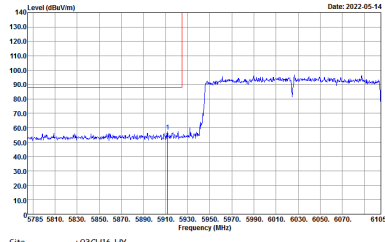
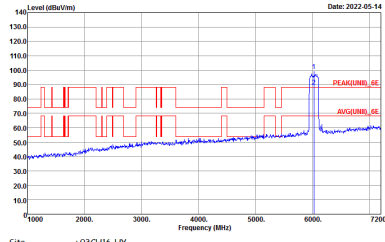
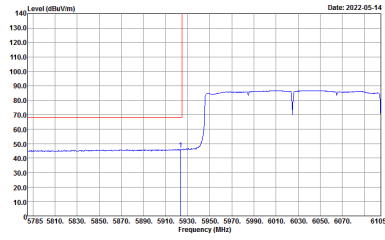


WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+8	Vertical	Fundamental
Peak	 Level (dBuV/m) Frequency (MHz) Date: 2022-05-14 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Date: 2022-05-14 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Level (dBuV/m) Frequency (MHz) Date: 2022-05-14 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

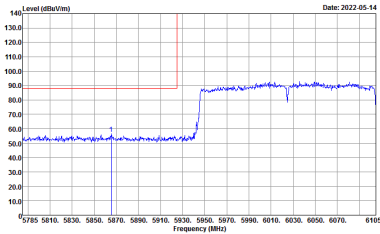
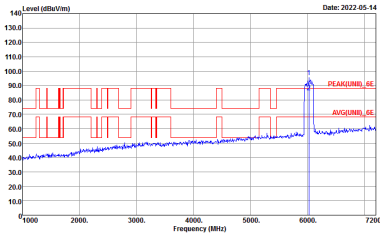
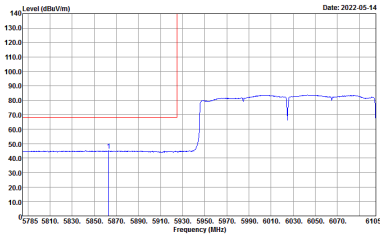


Band 5 5925~6425MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
4+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto	Left blank



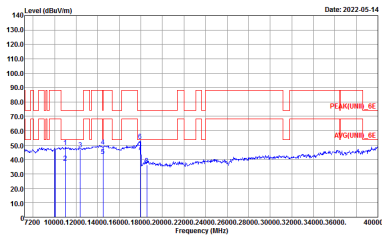
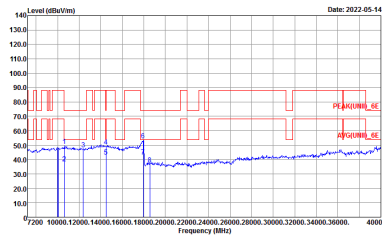
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
4+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



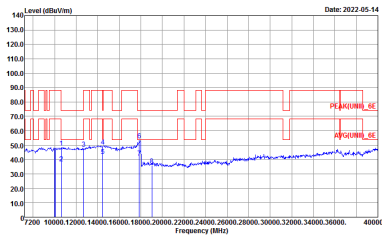
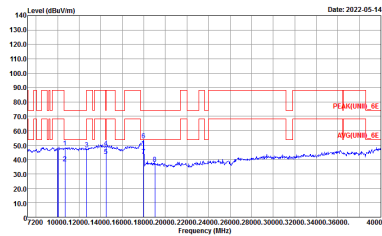
Band 5 - 5925~6425MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
4+8	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-05-14 Frequency (MHz) Site : 03CH16-HY Condition : PEAK(UNIT1)_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak	Level (dBuV/m) Date: 2022-05-14 Frequency (MHz) Site : 03CH16-HY Condition : PEAK(UNIT1)_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak



WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH47 6185MHz	
4+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak



WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH79 6345MHz	
4+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak



Band 6 - 6425~6525MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

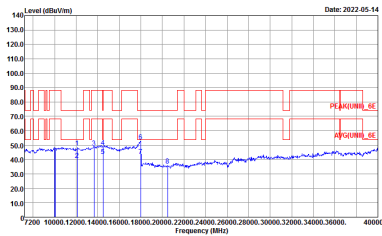
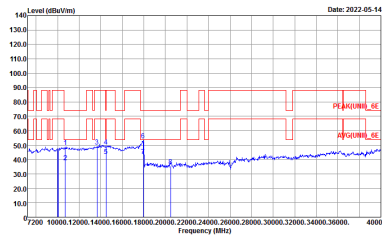
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH111 6505MHz	
4+8	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-05-14 Frequency (MHz) Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak	Level (dBuV/m) Date: 2022-05-14 Frequency (MHz) Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak



Band 7 - 6525~6875MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

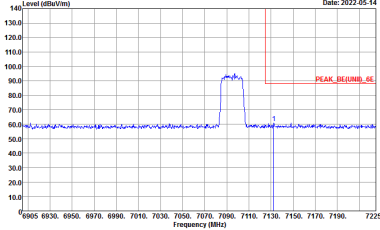
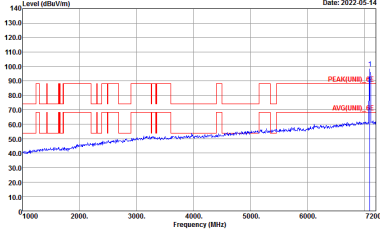
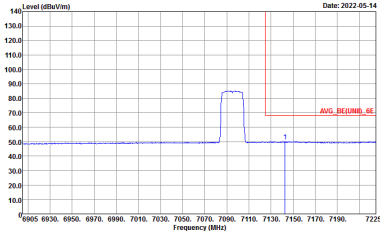
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH143 6665MHz	
4+8	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-05-14 Frequency (MHz) Site : 03CH16-HY Condition : PEAK[UNIT1]_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak	Level (dBuV/m) Date: 2022-05-14 Frequency (MHz) Site : 03CH16-HY Condition : PEAK[UNIT1]_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak



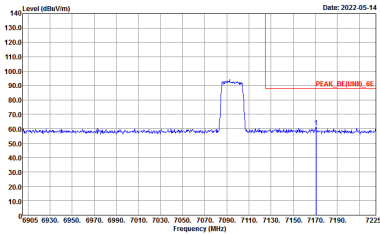
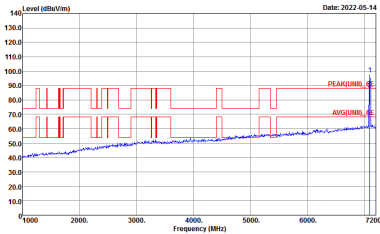
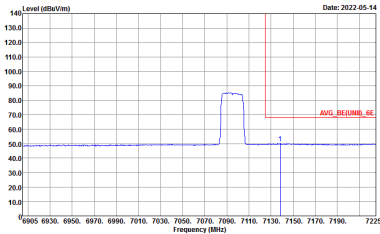
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH175 6825MHz	
4+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak



Band 8 - 6875~7125MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

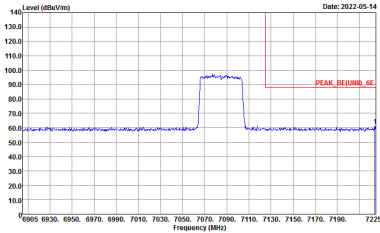
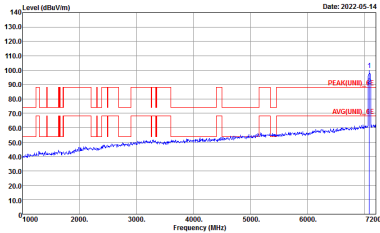
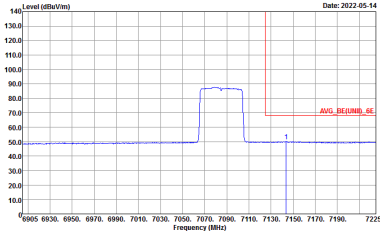
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH229 7095MHz	
4+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_02114_210804 HORIZONTAL : RBW:3000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_02114_210804 HORIZONTAL : RBW:3000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_02114_210804 HORIZONTAL : RBW:3000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



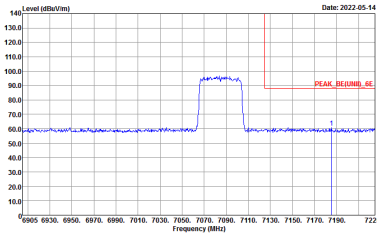
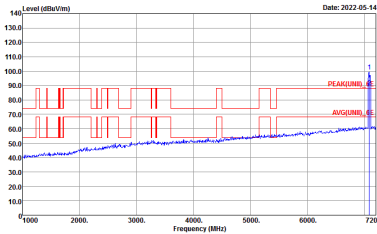
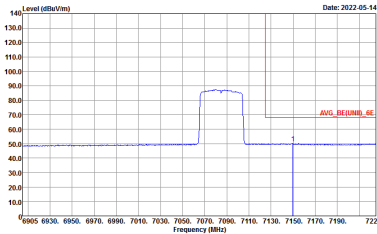
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH229 7095MHz	
4+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



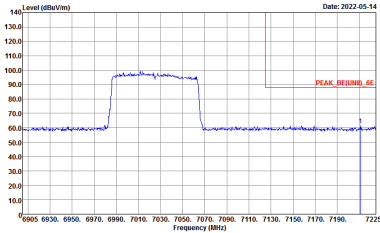
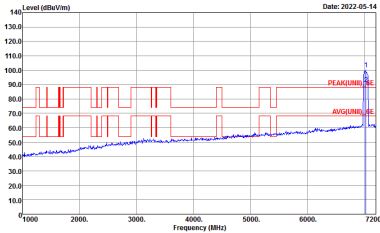
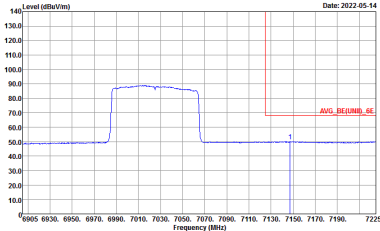
Band 8 - 6875~7125MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH227 7085MHz	
4+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto	Left blank

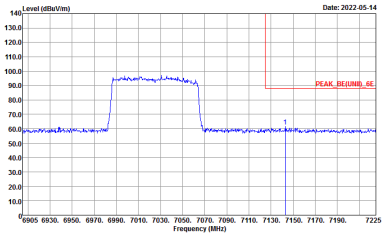
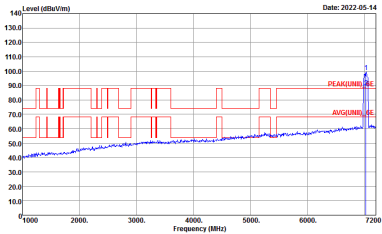
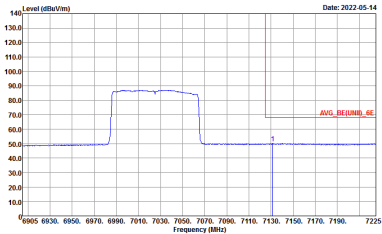


WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH227 7085MHz	
4+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

Band 8 - 6875~7125MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH215 7025MHz	
4+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto	Left blank



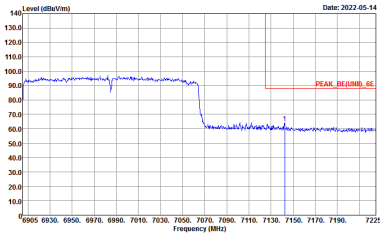
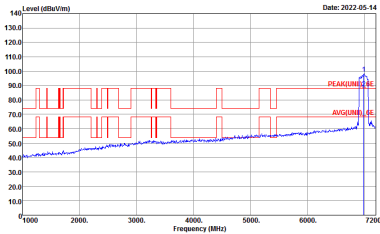
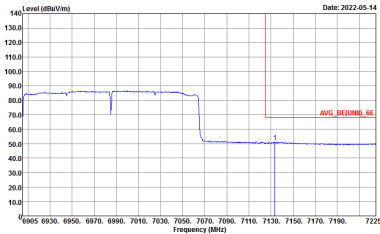
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH215 7025MHz	
4+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



Band 8 - 6875~7125MHz
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH207 6985MHz	
4+8	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE(UNIT)_AE 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto	Left blank



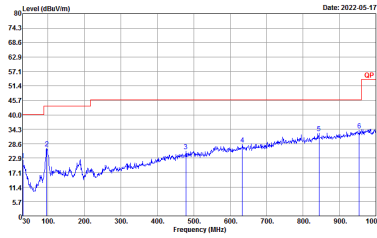
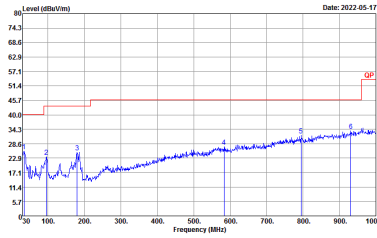
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH207 6985MHz	
4+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_6E 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_6E 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_6E 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



Band 8 - 6875~7125MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH207 6985MHz	
4+8	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-05-14 Frequency (MHz) Site : 03CH16-HY Condition : PEAK[UNIT1]_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak	Level (dBuV/m) Date: 2022-05-14 Frequency (MHz) Site : 03CH16-HY Condition : PEAK[UNIT1]_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak

Emission below 1GHz
5GHz WIFI 802.11ax HE160 Full (LF)

WIFI	5GHz WIFI	
ANT	802.11ax HE160 Full LF	
4+8	Horizontal	Vertical
QP / Peak	 Site : 03CH16-HY Condition : QP 3m 81LO6_47020_211009 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : QP 3m 81LO6_47020_211009 VERTICAL Detector : Peak

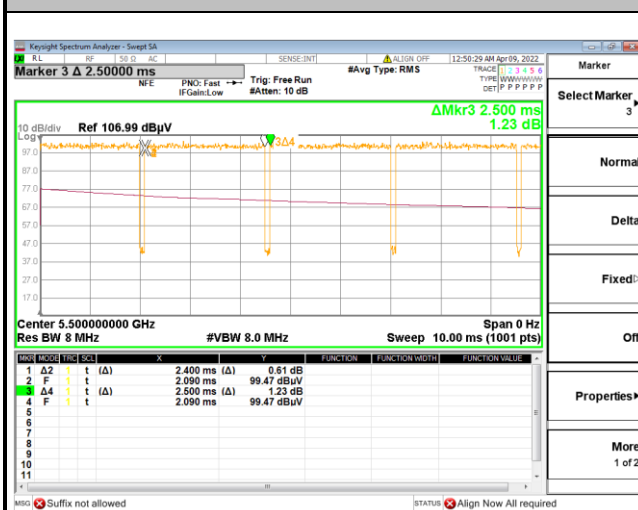


Appendix E. Duty Cycle Plots

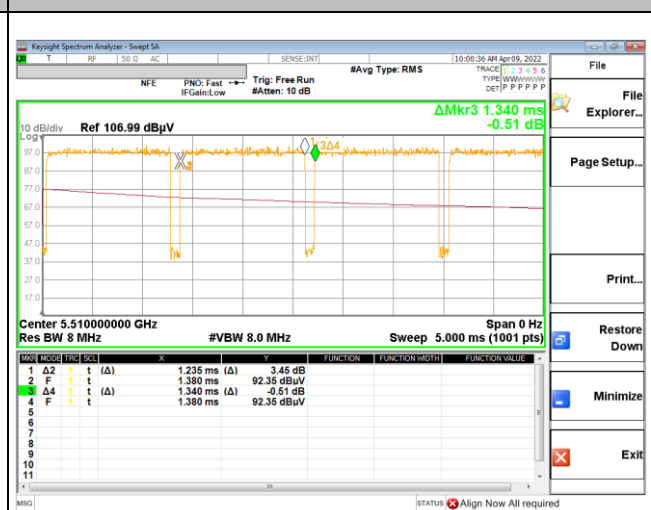
Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
4+8	6GHz 802.11ax HE20 Full RU	96.00	2400	0.42	1kHz
4+8	6GHz 802.11ax HE40 Full RU	92.16	1235	0.81	1kHz
4+8	6GHz 802.11ax HE80 Full RU	92.19	1180	0.85	1kHz
4+8	6GHz 802.11ax HE160 Full RU	92.45	1225	0.82	1kHz

MIMO <Ant. 4+8>

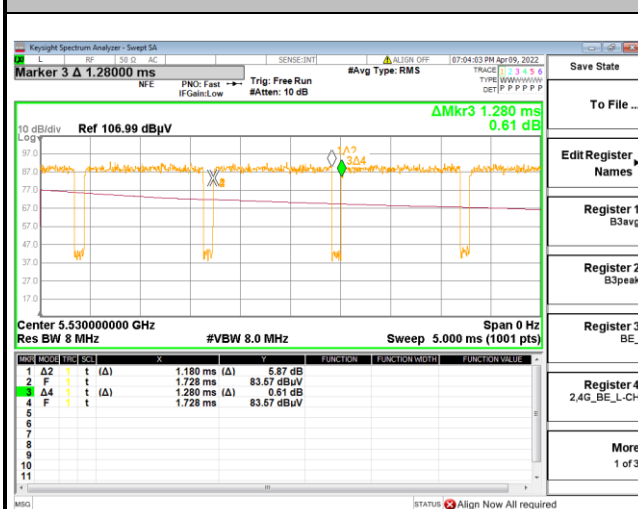
802.11ax HE20 Full RU



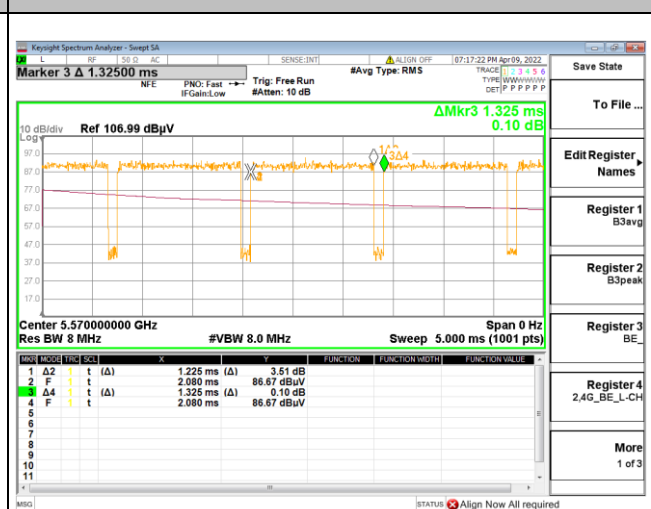
802.11ax HE40 Full RU



802.11ax HE80 Full RU



802.11ax HE160 Full RU



—THE END—