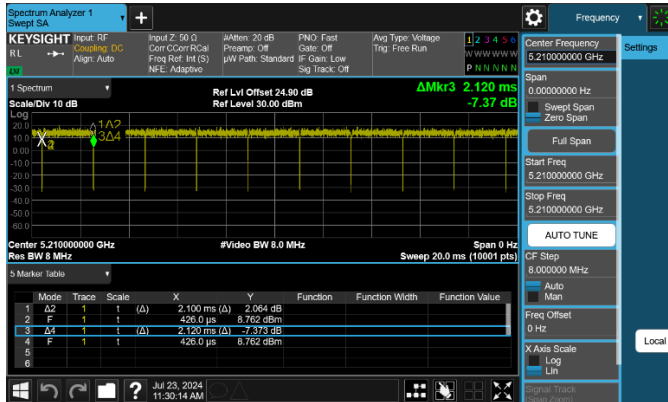
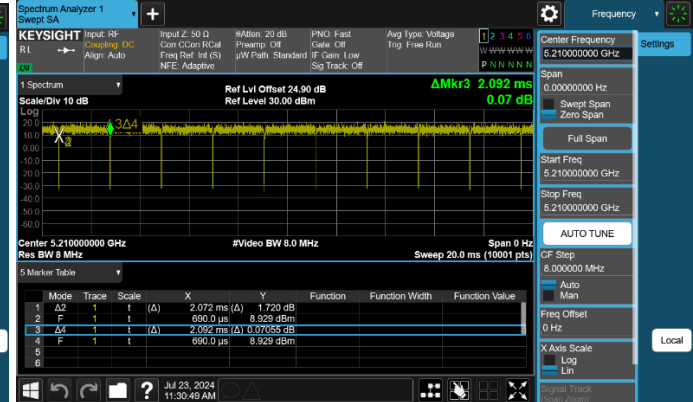


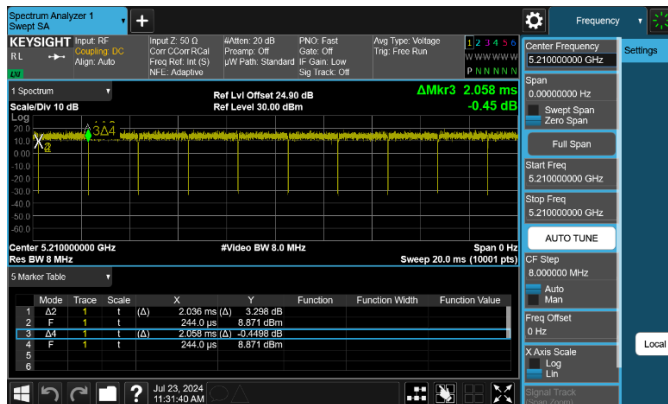
mcs2



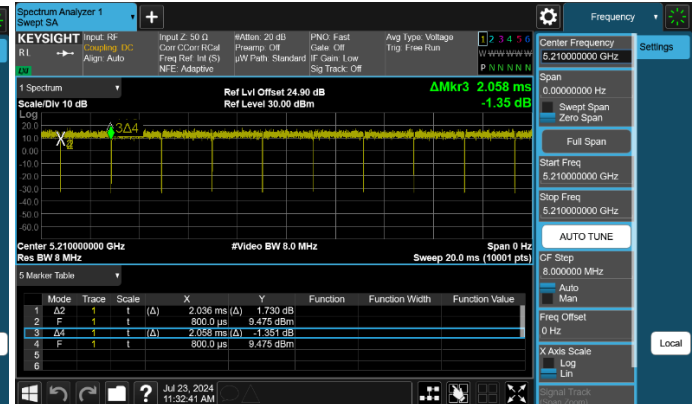
mcs3



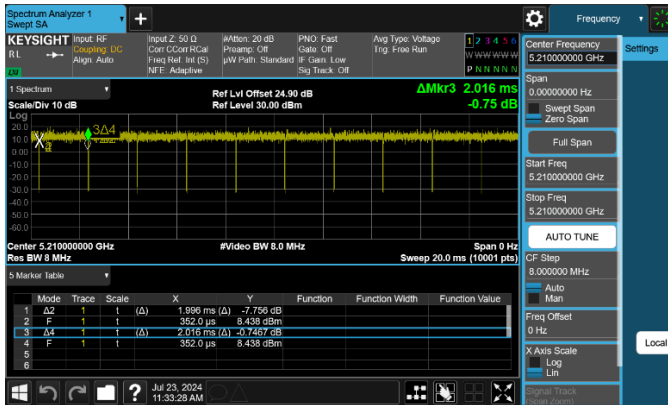
mcs4



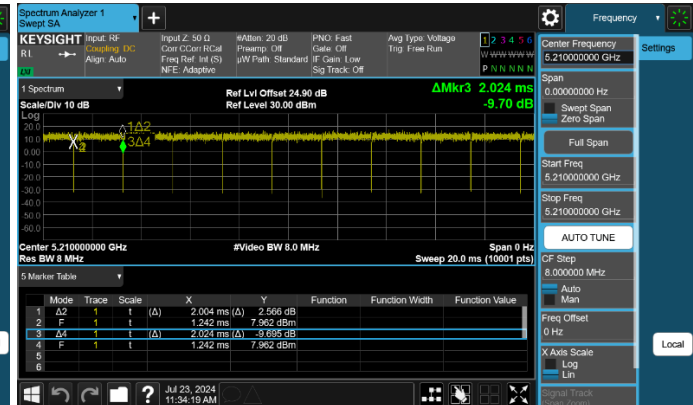
mcs5



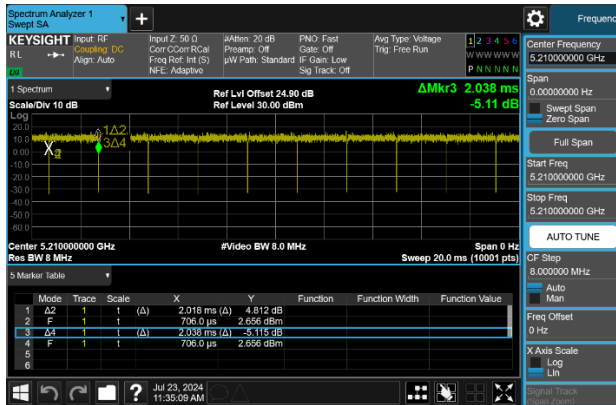
mcs6



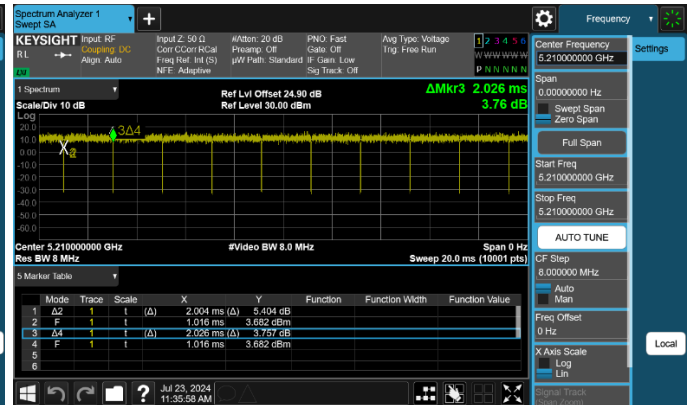
mcs7



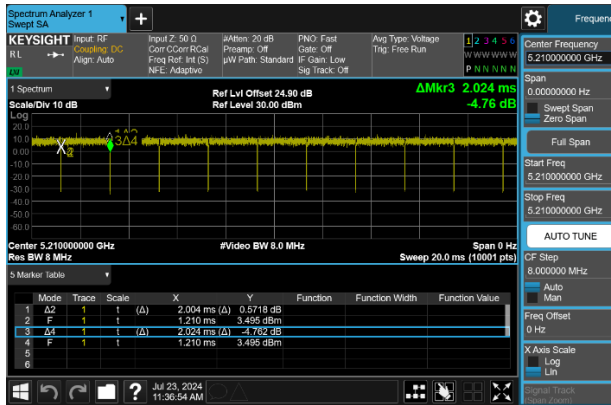
mcs8



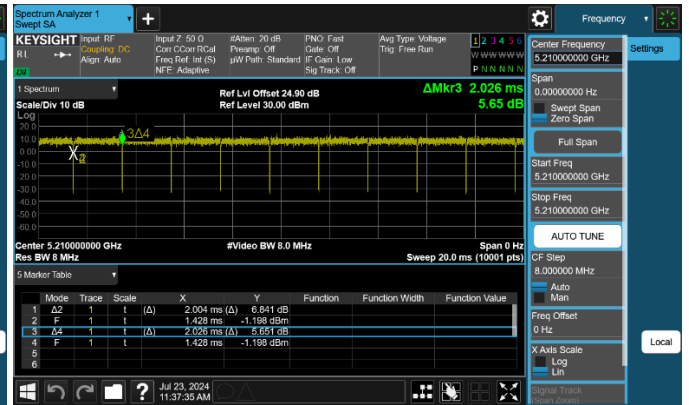
mcs9



mcs10



mcs11



4.7 Conducted Power Test Data

UNII1:

EIRP calculation not done as customer is disabling UNII1 band for devices used in Canada.

Mode	BW (MHz)	EUT power setting	Channel	Data Rate	Byte	Duty Cycle Correct ion	Cond. Power (dBm) combined		Conducted Power Limit (dBm)	Verdict
							PK	Final AVG		
802.11a	Non- HT20	66	36 (5180)	6	1500	0.00	27.58	17.95	24	PASS
				9	2250	0.00	26.93	18.23	24	PASS
				12	3000	0.00	27	18.27	24	PASS
				18	4000	0.00	27.05	18.23	24	PASS
		60		24	4000	0.00	26.14	16.99	24	PASS
				36	4000	0.00	26.21	16.88	24	PASS
				48	4000	0.12	27.25	17.10	24	PASS
				54	4000	0.14	28.01	17.03	24	PASS
		66	40 (5200)	6	1500	0.00	27.49	18.01	24	PASS
				9	2250	0.00	26.94	18.25	24	PASS
				12	3000	0.00	26.95	18.28	24	PASS
				18	4000	0.00	27.18	18.22	24	PASS
		60		24	4000	0.00	26.08	16.96	24	PASS
				36	4000	0.00	26.19	16.90	24	PASS
				48	4000	0.12	27.24	17.18	24	PASS
				54	4000	0.14	28.26	17.15	24	PASS
		66	48 (5240)	6	1500	0.00	27.23	17.85	24	PASS
				9	2250	0.00	26.86	18.20	24	PASS
				12	3000	0.00	26.7	18.20	24	PASS
				18	4000	0.00	26.9	18.16	24	PASS
		60		24	4000	0.00	25.95	16.91	24	PASS
				36	4000	0.00	26.07	16.82	24	PASS
				48	4000	0.12	27.18	17.09	24	PASS
				54	4000	0.14	27.9	17.07	24	PASS
802.11n	HT20	59	36 (5180)	MCS0	1625	0.00	26.22	16.40	24	PASS
				MCS1	3250	0.00	25.73	16.67	24	PASS
				MCS2	4875	0.00	25.92	16.74	24	PASS
				MCS3	6500	0.00	26.56	16.90	24	PASS

802.11n	HT40			MCS4	9750	0.00	26.5	16.91	24	PASS		
				MCS5	13000	0.00	27.49	17.03	24	PASS		
				MCS6	14625	0.00	27.76	17.03	24	PASS		
				MCS7	16250	0.00	27.75	17.09	24	PASS		
		66	40 (5200)	MCS0	1625	0.00	27.65	18.19	24	PASS		
				MCS1	3250	0.00	26.9	18.27	24	PASS		
				MCS2	4875	0.00	27.13	18.30	24	PASS		
		MCS3		6500	0.00	26.52	17.06	24	PASS			
		MCS4		9750	0.00	26.49	17.08	24	PASS			
		MCS5		13000	0.00	27.65	17.18	24	PASS			
		MCS6		14625	0.00	27.95	17.16	24	PASS			
		MCS7		16250	0.00	27.69	17.30	24	PASS			
		66	48 (5240)	MCS0	1625	0.00	27.38	18.02	24	PASS		
				MCS1	3250	0.00	26.87	18.16	24	PASS		
				MCS2	4875	0.00	27.07	18.17	24	PASS		
		MCS3		6500	0.00	26.18	16.99	24	PASS			
		MCS4		9750	0.00	26.55	16.97	24	PASS			
		MCS5		13000	0.00	27.57	17.13	24	PASS			
		MCS6		14625	0.00	27.75	17.19	24	PASS			
		MCS7		16250	0.00	28.17	17.18	24	PASS			
				55	38 (5190)	MCS0	3250	0.00	25.13	15.35	24	PASS
						MCS1	6500	0.00	24.66	15.71	24	PASS
						MCS2	9750	0.00	24.95	15.72	24	PASS
						MCS3	13000	0.00	25.39	15.87	24	PASS
						MCS4	19500	0.00	25.54	15.91	24	PASS
						MCS5	26000	0.00	27.07	16.07	24	PASS
						MCS6	29250	0.00	27.08	16.08	24	PASS
						MCS7	32500	0.00	27.53	16.08	24	PASS
				64	46 (5230)	MCS0	3250	0.00	27.26	17.65	24	PASS
						MCS1	6500	0.00	26.98	17.86	24	PASS
						MCS2	9750	0.00	26.78	17.84	24	PASS
						MCS3	13000	0.00	26.52	17.19	24	PASS
						MCS4	19500	0.00	26.87	17.21	24	PASS
		MCS5	26000			0.00	27.9	17.31	24	PASS		
		60	MCS6	29250		0.00	27.22	16.38	24	PASS		
MCS7	32500		0.00	27.1		16.37	24	PASS				
56												

802.11a c	VHT2 0	59	36 (5180)	MCS0	1950	0.00	26.48	16.43	24	PASS
				MCS1	3900	0.00	25.73	16.72	24	PASS
				MCS2	5850	0.00	25.87	16.72	24	PASS
				MCS3	7800	0.00	26.19	16.86	24	PASS
				MCS4	11700	0.00	26.44	16.96	24	PASS
				MCS5	15600	0.00	27.24	17.06	24	PASS
				MCS6	17550	0.00	28.1	17.12	24	PASS
				MCS7	19500	0.00	27.7	17.11	24	PASS
		52	MCS8	23400	0.00	26.49	15.54	24	PASS	
	VHT2 0	66	40 (5200)	MCS0	1950	0.00	27.77	18.25	24	PASS
				MCS1	3900	0.00	27.09	18.29	24	PASS
				MCS2	5850	0.00	27.18	18.31	24	PASS
		60		MCS3	7800	0.00	26.35	17.07	24	PASS
				MCS4	11700	0.00	26.79	17.17	24	PASS
				MCS5	15600	0.00	27.74	17.23	24	PASS
				MCS6	17550	0.00	27.79	17.18	24	PASS
				MCS7	19500	0.00	28.16	17.24	24	PASS
		52	MCS8	23400	0.00	26.26	15.56	24	PASS	
	VHT2 0	66	48 (5240)	MCS0	1950	0.00	27.49	18.04	24	PASS
				MCS1	3900	0.00	27.45	18.26	24	PASS
				MCS2	5850	0.00	27.03	18.26	24	PASS
		60		MCS3	7800	0.00	26.3	17.08	24	PASS
				MCS4	11700	0.00	26.46	16.96	24	PASS
				MCS5	15600	0.00	27.37	17.20	24	PASS
				MCS6	17550	0.00	27.48	17.16	24	PASS
				MCS7	19500	0.00	27.26	17.20	24	PASS
		52	MCS8	23400	0.00	26.45	15.54	24	PASS	
802.11a c	VHT4 0	55	38 (5190)	MCS0	3750	0.00	25.08	15.40	24	PASS
				MCS1	7500	0.00	24.97	15.77	24	PASS
				MCS2	11250	0.00	24.5	15.72	24	PASS
				MCS3	15000	0.00	25.39	15.89	24	PASS
				MCS4	22500	0.00	25.38	15.98	24	PASS
				MCS5	30000	0.00	26.96	16.17	24	PASS
				MCS6	33750	0.00	27.4	16.12	24	PASS
				MCS7	37500	0.00	26.93	16.12	24	PASS
		52		MCS8	45000	0.00	26.59	15.48	24	PASS
			MCS9	50000	0.00	26.97	15.96	24	PASS	

	VHT4 0	64	46 (5230)	MCS0	3750	0.00	27.49	17.43	24	PASS
				MCS1	7500	0.00	26.6	17.76	24	PASS
				MCS2	11250	0.00	26.64	17.75	24	PASS
		MCS3		15000	0.00	26.36	16.99	24	PASS	
		MCS4		22500	0.00	26.43	17.10	24	PASS	
		MCS5		30000	0.00	27.79	17.23	24	PASS	
		MCS6		33750	0.00	27.3	16.32	24	PASS	
		MCS7		37500	0.00	26.76	16.34	24	PASS	
		MCS8		45000	0.00	26.24	15.47	24	PASS	
802.11a c	VHT8 0	58	42 (5210)	MCS0	19500	0.00	26.05	16.09	24	PASS
				MCS1	39000	0.00	25.36	16.45	24	PASS
				MCS2	58500	0.00	25.29	16.43	24	PASS
		MCS3		78000	0.00	25.78	16.59	24	PASS	
		MCS4		117000	0.00	25.7	16.24	24	PASS	
		MCS5		156000	0.00	27	16.32	24	PASS	
		MCS6		175500	0.00	26.16	15.48	24	PASS	
		MCS7		195000	0.00	27.24	15.56	24	PASS	
		MCS8		234000	0.00	25.7	14.46	24	PASS	
802.11a x	HE20	59	36 (5180)	MCS0	2150	0.00	26.65	16.84	24	PASS
				MCS1	4300	0.00	26.06	16.62	24	PASS
				MCS2	6450	0.00	25.95	16.60	24	PASS
				MCS3	8600	0.00	26.45	16.79	24	PASS
				MCS4	12900	0.00	26.73	16.84	24	PASS
		MCS5		17200	0.00	28.39	17.34	24	PASS	
		MCS6		19350	0.00	27.87	17.35	24	PASS	
		MCS7		21500	0.00	28.27	17.36	24	PASS	
		MCS8		25800	0.00	27.13	15.80	24	PASS	
		MCS9		28675	0.00	27.59	15.74	24	PASS	
		MCS10		32325	0.00	24.78	12.95	24	PASS	
		MCS11		35750	0.00	25.12	12.93	24	PASS	
	HE20	66	40 (5200)	MCS0	2150	0.00	28.17	18.43	24	PASS
				MCS1	4300	0.00	27.46	18.18	24	PASS
		MCS2		6450	0.00	27.37	18.22	24	PASS	
		MCS3		8600	0.00	26.62	16.98	24	PASS	
MCS4		12900		0.00	26.68	17.02	24	PASS		
60	MCS5	17200	0.00	27.88	17.46	24	PASS			

		52		MCS6	19350	0.00	28.07	17.45	24	PASS	
				MCS7	21500	0.00	28.38	17.52	24	PASS	
				MCS8	25800	0.00	27.23	15.82	24	PASS	
				MCS9	28675	0.00	27.05	15.71	24	PASS	
				MCS10	32325	0.00	24.38	13.02	24	PASS	
				MCS11	35750	0.00	24.97	12.96	24	PASS	
	HE20	66	48 (5240)	MCS0	2150	0.00	28.09	18.37	24	PASS	
				MCS1	4300	0.00	27.21	18.16	24	PASS	
				MCS2	6450	0.00	27.12	18.15	24	PASS	
				MCS3	8600	0.00	26.63	16.94	24	PASS	
		60		MCS4	12900	0.00	26.75	17.01	24	PASS	
				MCS5	17200	0.00	27.84	17.49	24	PASS	
				MCS6	19350	0.00	28.25	17.47	24	PASS	
				MCS7	21500	0.00	27.92	17.42	24	PASS	
		52		MCS8	25800	0.00	26.78	15.78	24	PASS	
				MCS9	28675	0.00	27.59	15.72	24	PASS	
	40	MCS10	32325	0.00	25.48	12.89	24	PASS			
		MCS11	35750	0.00	24.95	12.89	24	PASS			
802.11a x	HE40	55	38 (5190)	MCS0	4300	0.00	25.97	15.92	24	PASS	
				MCS1	8600	0.00	25.06	15.71	24	PASS	
				MCS2	12900	0.00	25.2	15.74	24	PASS	
				MCS3	17200	0.00	25.34	15.89	24	PASS	
				MCS4	25800	0.00	26.3	15.90	24	PASS	
				MCS5	34400	0.00	27.34	16.42	24	PASS	
				MCS6	38725	0.00	27.7	16.39	24	PASS	
				MCS7	43025	0.00	27.67	16.41	24	PASS	
		52		MCS8	51625	0.00	27.12	15.82	24	PASS	
				MCS9	57350	0.00	27.43	15.76	24	PASS	
	40	MCS10	64650	0.00	24.38	12.93	24	PASS			
		MCS11	71525	0.00	24.63	12.99	24	PASS			
	HE40	64	46 (5230)	MCS0	4300	0.00	27.5	17.91	24	PASS	
				MCS1	8600	0.00	27.03	17.77	24	PASS	
				MCS2	12900	0.00	26.74	17.68	24	PASS	
				MCS3	17200	0.00	26.71	16.97	24	PASS	
		60		MCS4	25800	0.00	26.72	17.04	24	PASS	
				MCS5	34400	0.00	28.26	17.55	24	PASS	
56		MCS6		38725	0.00	27.53	16.63	24	PASS		
	MCS7	43025	0.00	27.12	16.59	24	PASS				

		52		MCS8	51625	0.00	27.56	15.80	24	PASS
				MCS9	57350	0.00	27.04	15.78	24	PASS
		40		MCS10	64650	0.00	25.1	12.98	24	PASS
				MCS11	71525	0.00	24.94	13.00	24	PASS
802.11a x	HE80	58	42 (5210)	MCS0	8600	0.00	24.1	16.57	24	PASS
				MCS1	17200	0.00	25.05	16.61	24	PASS
				MCS2	25800	0.00	24.73	16.55	24	PASS
				MCS3	34400	0.00	25.94	16.73	24	PASS
		56		MCS4	51600	0.00	25.09	16.20	24	PASS
		52		MCS5	68850	0.00	27.02	16.72	24	PASS
				MCS6	77425	0.00	25.81	15.86	24	PASS
		48		MCS7	86025	0.00	26.27	15.83	24	PASS
				MCS8	103225	0.00	25.17	14.84	24	PASS
		36		MCS9	114700	0.00	25.62	14.90	24	PASS
				MCS10	129275	0.00	22.61	11.89	24	PASS
				MCS11	143050	0.00	23.06	11.86	24	PASS

UNII2a:

EIRP calculation not done because the EIRP limit (1.0 W or 17 + 10 log₁₀B, dBm) is 6dB higher than the conducted power limit (250 mW or 11 + 10 log₁₀B, dBm whichever is less) but the maximum antenna gain is only 5.3 dBi.

Mode	BW (MHz)	EUT power setting	Channel	Data Rate	Byte	Duty Cycle Correct ion	Cond. Power (dBm) combined		Conducted Power Limit (dBm)	Verdict
							PK	Final AVG		
802.11a	Non- HT20	66	52 (5260)	6	1500	0.00	27.48	17.8	23.01	PASS
				9	2250	0.00	26.76	18.1	23.01	PASS
				12	3000	0.00	26.8	18.12	23.01	PASS
				18	4000	0.00	26.82	18.08	23.01	PASS
		60		24	4000	0.00	26.18	17	23.01	PASS
				36	4000	0.00	26.23	16.99	23.01	PASS
				48	4000	0.12	27	17.15	23.01	PASS
				54	4000	0.14	27.9	17.1	23.01	PASS
		66	56 (5280)	6	1500	0.00	27.13	17.62	23.01	PASS
				9	2250	0.00	26.9	18.12	23.01	PASS
				12	3000	0.00	26.74	18.05	23.01	PASS

802.11n	HT20	60		18	4000	0.00	26.9	18.01	23.01	PASS
				24	4000	0.00	26.03	16.91	23.01	PASS
				36	4000	0.00	26.02	16.87	23.01	PASS
				48	4000	0.12	26.86	16.97	23.01	PASS
				54	4000	0.14	27.78	16.99	23.01	PASS
		66	64 (5320)	6	1500	0.00	27.14	17.57	23.01	PASS
				9	2250	0.00	26.55	17.93	23.01	PASS
				12	3000	0.00	26.6	17.92	23.01	PASS
				18	4000	0.00	26.68	17.94	23.01	PASS
				24	4000	0.00	25.97	16.81	23.01	PASS
		60		36	4000	0.00	25.92	16.81	23.01	PASS
				48	4000	0.12	27.05	16.95	23.01	PASS
				54	4000	0.14	27.74	16.94	23.01	PASS
		66 60	52 (5260)	MCS0	1625	0.00	27.58	17.99	23.29	PASS
				MCS1	3250	0.00	27.02	18.25	23.29	PASS
				MCS2	4875	0.00	26.93	18.2	23.29	PASS
				MCS3	6500	0.00	26.66	17.07	23.29	PASS
				MCS4	9750	0.00	26.61	17.15	23.29	PASS
				MCS5	13000	0.00	27.48	17.31	23.29	PASS
				MCS6	14625	0.00	27.45	17.26	23.29	PASS
				MCS7	16250	0.00	27.74	17.27	23.29	PASS
		66 60	56 (5280)	MCS0	1625	0.00	27.27	17.89	23.29	PASS
				MCS1	3250	0.00	26.77	18.09	23.29	PASS
				MCS2	4875	0.00	26.97	18.08	23.29	PASS
				MCS3	6500	0.00	26.31	16.97	23.29	PASS
				MCS4	9750	0.00	26.15	17	23.29	PASS
				MCS5	13000	0.00	27.31	17.18	23.29	PASS
				MCS6	14625	0.00	27.18	17.14	23.29	PASS
				MCS7	16250	0.00	27.3	17.18	23.29	PASS
		56 60	64 (5320)	MCS0	1625	0.00	25.16	15.38	23.29	PASS
				MCS1	3250	0.00	24.46	15.69	23.29	PASS
				MCS2	4875	0.00	24.64	15.71	23.29	PASS
				MCS3	6500	0.00	25.11	15.86	23.29	PASS
				MCS4	9750	0.00	25.63	15.94	23.29	PASS
				MCS5	13000	0.00	26.76	16.15	23.29	PASS
				MCS6	14625	0.00	27.29	16.12	23.29	PASS
				MCS7	16250	0.00	27	16.16	23.29	PASS

802.11n	HT40	64 60 56	54 (5270)	MCS0	3250	0.00	26.42	17.1	24	PASS
				MCS1	6500	0.00	26.38	17.49	24	PASS
				MCS2	9750	0.00	26.22	17.49	24	PASS
				MCS3	13000	0.00	26.17	16.83	24	PASS
				MCS4	19500	0.00	26.53	16.9	24	PASS
				MCS5	26000	0.00	27.39	17.03	24	PASS
				MCS6	29250	0.00	26.77	16.12	24	PASS
				MCS7	32500	0.00	26.51	16.16	24	PASS
		53	62 (5310)	MCS0	3250	0.00	24.31	14.56	24	PASS
				MCS1	6500	0.00	24.05	15.12	24	PASS
				MCS2	9750	0.00	24.09	15.13	24	PASS
				MCS3	13000	0.00	24.58	15.23	24	PASS
				MCS4	19500	0.00	24.97	15.34	24	PASS
				MCS5	26000	0.00	26.4	15.55	24	PASS
				MCS6	29250	0.00	26.82	15.67	24	PASS
				MCS7	32500	0.00	26.9	15.67	24	PASS
802.11a c	VHT2 0	66 60	52 (5260)	MCS0	1950	0.00	27.32	17.94	23.28	PASS
				MCS1	3900	0.00	26.84	18.2	23.28	PASS
				MCS2	5850	0.00	26.71	18.15	23.28	PASS
				MCS3	7800	0.00	26.16	17.01	23.28	PASS
				MCS4	11700	0.00	26.67	17.14	23.28	PASS
				MCS5	15600	0.00	27.7	17.25	23.28	PASS
				MCS6	17550	0.00	27.81	17.26	23.28	PASS
				MCS7	19500	0.00	27.99	17.28	23.28	PASS
		52		MCS8	23400	0.00	26.37	15.56	23.28	PASS
	VHT2 0	66	56 (5280)	MCS0	1950	0.00	27.14	17.83	23.28	PASS
				MCS1	3900	0.00	26.82	18.05	23.28	PASS
				MCS2	5850	0.00	26.71	18.03	23.28	PASS
				MCS3	7800	0.00	26.08	16.99	23.28	PASS
				MCS4	11700	0.00	26.62	16.99	23.28	PASS
				MCS5	15600	0.00	27.52	17.17	23.28	PASS
				MCS6	17550	0.00	27.61	17.12	23.28	PASS
				MCS7	19500	0.00	27.91	17.1	23.28	PASS
		52		MCS8	23400	0.00	26.21	15.51	23.28	PASS
	VHT2 0	56	64 (5320)	MCS0	1950	0.00	25.43	15.3	23.28	PASS
				MCS1	3900	0.00	24.82	15.7	23.28	PASS

				MCS2	5850	0.00	24.44	15.66	23.28	PASS
		MCS3		7800	0.00	25.32	15.85	23.28	PASS	
		MCS4		11700	0.00	25.59	15.92	23.28	PASS	
		MCS5		15600	0.00	26.95	16.09	23.28	PASS	
		MCS6		17550	0.00	26.82	16.12	23.28	PASS	
		MCS7		19500	0.00	26.6	16.12	23.28	PASS	
		52		MCS8	23400	0.00	26.72	15.34	23.28	PASS
802.11a c	VHT4 0	64 60 56	54 (5270)	MCS0	3750	0.00	26.42	18.21	24	PASS
				MCS1	7500	0.00	26.66	18.21	24	PASS
				MCS2	11250	0.00	27.17	18.22	24	PASS
				MCS3	15000	0.00	26.48	17.31	24	PASS
				MCS4	22500	0.00	26.68	17.46	24	PASS
				MCS5	30000	0.00	27.93	17.51	24	PASS
				MCS6	33750	0.00	27.72	16.53	24	PASS
				MCS7	37500	0.00	27.61	16.5	24	PASS
		52		MCS8	45000	0.00	26.6	15.63	24	PASS
				MCS9	50000	0.00	26.7	15.62	24	PASS
	VHT4 0	53	62 (5310)	MCS0	3750	0.00	24.18	15.71	24	PASS
				MCS1	7500	0.00	24.25	15.66	24	PASS
				MCS2	11250	0.00	24.42	15.69	24	PASS
				MCS3	15000	0.00	24.58	15.65	24	PASS
		60		MCS4	22500	0.00	25.48	15.76	24	PASS
		56		MCS5	30000	0.00	26.76	15.9	24	PASS
				MCS6	33750	0.00	27.14	15.87	24	PASS
		52		MCS7	37500	0.00	27.36	15.87	24	PASS
				MCS8	45000	0.00	26.98	15.66	24	PASS
				MCS9	50000	0.00	26.86	15.64	24	PASS
802.11a c	VHT8 0	56	58 (5290)	MCS0	19500	0.00	26.5	16.32	24	PASS
				MCS1	39000	0.00	26.52	16.36	24	PASS
				MCS2	58500	0.00	26.42	16.37	24	PASS
				MCS3	78000	0.00	25.09	16.28	24	PASS
		56		MCS4	117000	0.00	25.95	16.47	24	PASS
				MCS5	156000	0.00	28.11	16.54	24	PASS
		52		MCS6	175500	0.00	26.87	15.67	24	PASS
				MCS7	195000	0.00	26.81	15.65	24	PASS
		48		MCS8	234000	0.00	26.49	14.67	24	PASS
				MCS9	260750	0.00	25.76	14.63	24	PASS

802.11a x	HE20	66 60	52 (5260)	MCS0	2150	0.00	27.81	18.34	23.78	PASS
				MCS1	4300	0.00	27.32	18.09	23.78	PASS
				MCS2	6450	0.00	27.06	18.09	23.78	PASS
				MCS3	8600	0.00	26.62	16.95	23.78	PASS
				MCS4	12900	0.00	26.69	16.99	23.78	PASS
				MCS5	17200	0.00	27.83	17.5	23.78	PASS
				MCS6	19350	0.00	28.15	17.48	23.78	PASS
				MCS7	21500	0.00	27.81	17.52	23.78	PASS
		52		MCS8	25800	0.00	27.15	15.81	23.78	PASS
				MCS9	28675	0.00	26.86	15.81	23.78	PASS
				MCS10	32325	0.00	24.23	12.88	23.78	PASS
	HE20	40	MCS11	35750	0.00	24.98	12.9	23.78	PASS	
			HE20	66	MCS0	2150	0.00	27.78	18.31	23.78
		MCS1			4300	0.00	27.07	18.03	23.78	PASS
		MCS2			6450	0.00	27.16	18.02	23.78	PASS
		60		MCS3	8600	0.00	26.61	16.87	23.78	PASS
				MCS4	12900	0.00	26.82	16.95	23.78	PASS
				MCS5	17200	0.00	27.72	17.41	23.78	PASS
				MCS6	19350	0.00	27.76	17.4	23.78	PASS
				MCS7	21500	0.00	27.82	17.41	23.78	PASS
		52		MCS8	25800	0.00	26.46	15.79	23.78	PASS
	MCS9			28675	0.00	27.3	15.72	23.78	PASS	
	40	MCS10	32325	0.00	23.97	12.82	23.78	PASS		
		MCS11	35750	0.00	24.8	12.75	23.78	PASS		
	HE20	56	64 (5320)	MCS0	2150	0.00	25.68	15.93	23.78	PASS
				MCS1	4300	0.00	24.89	15.63	23.78	PASS
				MCS2	6450	0.00	24.99	15.61	23.78	PASS
		60		MCS3	8600	0.00	25.38	15.75	23.78	PASS
				MCS4	12900	0.00	25.39	15.81	23.78	PASS
				MCS5	17200	0.00	27.22	16.34	23.78	PASS
				MCS6	19350	0.00	27.23	16.39	23.78	PASS
				MCS7	21500	0.00	27.01	16.4	23.78	PASS
		52		MCS8	25800	0.00	26.44	15.63	23.78	PASS
				MCS9	28675	0.00	26.21	15.55	23.78	PASS
		40		MCS10	32325	0.00	23.99	12.57	23.78	PASS
	MCS11		35750	0.00	24.5	12.56	23.78	PASS		
	802.11a x	HE40	64 60	54 (5270)	MCS0	4300	0.00	26.31	17.88	24
MCS1					8600	0.00	26.73	17.82	24	PASS

		56	62	MCS2	12900	0.00	26.63	17.9	24	PASS
				MCS3	17200	0.00	26.3	16.93	24	PASS
				MCS4	25800	0.00	26.87	17.01	24	PASS
				MCS5	34400	0.00	27.81	17.45	24	PASS
				MCS6	38725	0.00	27.42	16.58	24	PASS
				MCS7	43025	0.00	27.39	16.58	24	PASS
		52		MCS8	51625	0.00	26.73	15.72	24	PASS
				MCS9	57350	0.00	26.92	15.68	24	PASS
				MCS10	64650	0.00	24.91	12.65	24	PASS
		40		MCS11	71525	0.00	25.39	12.66	24	PASS
	HE40	53	62 (5310)	MCS0	4300	0.00	24.07	15.37	24	PASS
				MCS1	8600	0.00	24.17	15.36	24	PASS
				MCS2	12900	0.00	24.49	15.34	24	PASS
				MCS3	17200	0.00	24.87	15.31	24	PASS
				MCS4	25800	0.00	25.43	15.44	24	PASS
				MCS5	34400	0.00	27.21	15.96	24	PASS
		60		MCS6	38725	0.00	27.28	15.97	24	PASS
				MCS7	43025	0.00	27.14	15.93	24	PASS
				MCS8	51625	0.00	27.04	15.69	24	PASS
		56		MCS9	57350	0.00	27.62	15.72	24	PASS
		52		MCS10	64650	0.00	24.51	12.73	24	PASS
40	MCS11	71525	0.00	24.4	12.64	24	PASS			
802.11a x	HE80	56	58 (5290)	MCS0	8600	0.00	24.97	16.1	24	PASS
				MCS1	17200	0.00	24.97	16	24	PASS
				MCS2	25800	0.00	25.31	16.01	24	PASS
				MCS3	34400	0.00	25.12	16.02	24	PASS
		56		MCS4	51600	0.00	26.12	16.11	24	PASS
				MCS5	68850	0.00	27.9	16.58	24	PASS
		52		MCS6	77425	0.00	27.22	15.68	24	PASS
				MCS7	86025	0.00	27.21	15.69	24	PASS
		48		MCS8	103225	0.00	25.89	14.75	24	PASS
				MCS9	114700	0.00	26.12	14.71	24	PASS
		36		MCS10	129275	0.00	23.02	11.5	24	PASS
				MCS11	143050	0.00	23.01	11.49	24	PASS

UNII2c:

EIRP calculation not done because the EIRP limit (1.0 W or 17 + 10 log10B, dBm) is 6dB higher than the conducted power limit (250 mW or 11 + 10 log10B, dBm whichever is less) but the maximum antenna gain is only 5.3 dBi.

Mode	BW (MHz)	EUT power setting	Channel	Data Rate	Byte	Duty Cycle Corre ction	Cond. Power (dBm) combined		Conducted Power Limit (dBm)	Verdict	
							PK	Final AVG			
802.11 a	Non- HT20	60	100 (5500)	6	1500	0.00	28.38	18.84	23.30	PASS	
				9	2250	0.00	27.71	19.09	23.30	PASS	
				12	3000	0.00	27.72	19.12	23.30	PASS	
				18	4000	0.00	27.78	19.07	23.30	PASS	
		60		24	4000	0.00	26.91	17.81	23.30	PASS	
				36	4000	0.09	26.96	17.72	23.30	PASS	
				48	4000	0.11	27.72	17.91	23.30	PASS	
				54	4000	0.14	28.56	17.93	23.30	PASS	
		60	120 (5600)	6	1500	0.00	27.45	17.76	23.30	PASS	
				9	2250	0.00	26.7	18.01	23.30	PASS	
				12	3000	0.00	26.77	18.01	23.30	PASS	
				18	4000	0.00	26.9	18.00	23.30	PASS	
		60		24	4000	0.00	25.91	16.70	23.30	PASS	
				36	4000	0.09	26.09	16.72	23.30	PASS	
				48	4000	0.11	26.8	16.80	23.30	PASS	
				54	4000	0.14	27.8	16.76	23.30	PASS	
		60	144 (5720)	6	1500	0.00	26.93	17.38	23.30	PASS	
				9	2250	0.00	26.64	17.81	23.30	PASS	
				12	3000	0.00	26.58	17.77	23.30	PASS	
				18	4000	0.00	26.84	17.80	23.30	PASS	
				60	24	4000	0.00	25.4	16.37	23.30	PASS
					36	4000	0.09	25.64	16.36	23.30	PASS
					48	4000	0.11	26.46	16.44	23.30	PASS
					54	4000	0.14	27.35	16.53	23.30	PASS
802.11 n	HT20	57	100 (5500)	MCS0	1625	0.00	26.51	16.80	23.30	PASS	
				MCS1	3250	0.00	26.33	17.16	23.30	PASS	
				MCS2	4875	0.00	26.18	17.09	23.30	PASS	

				MCS3	6500	0.00	26.71	17.26	23.30	PASS
				MCS4	9750	0.00	26.98	17.37	23.30	PASS
				MCS5	13000	0.00	28.33	17.52	23.30	PASS
				MCS6	14625	0.00	27.88	17.53	23.30	PASS
				MCS7	16250	0.00	27.51	17.49	23.30	PASS
		66		MCS0	1625	0.00	27.52	17.89	23.30	PASS
				MCS1	3250	0.00	26.95	18.02	23.30	PASS
				MCS2	4875	0.00	26.9	18.04	23.30	PASS
		60	120 (5600)	MCS3	6500	0.00	26.14	16.69	23.30	PASS
				MCS4	9750	0.00	26.25	16.78	23.30	PASS
				MCS5	13000	0.00	27.75	16.89	23.30	PASS
				MCS6	14625	0.00	27.93	16.95	23.30	PASS
				MCS7	16250	0.00	27.35	16.93	23.30	PASS
		66		MCS0	1625	0.00	27.11	17.60	23.30	PASS
				MCS1	3250	0.00	26.62	17.80	23.30	PASS
				MCS2	4875	0.00	26.59	17.77	23.30	PASS
		60	144 (5720)	MCS3	6500	0.00	25.76	16.40	23.30	PASS
				MCS4	9750	0.00	26.28	16.48	23.30	PASS
				MCS5	13000	0.00	27.03	16.57	23.30	PASS
				MCS6	14625	0.00	26.84	16.54	23.30	PASS
				MCS7	16250	0.00	26.98	16.61	23.30	PASS
		HT40	58	MCS0	3250	0.00	25.59	15.81	24	PASS
				MCS1	6500	0.00	25.17	16.06	24	PASS
				MCS2	9750	0.00	25.48	16.06	24	PASS
				MCS3	13000	0.00	25.38	16.22	24	PASS
				MCS4	19500	0.00	25.93	16.30	24	PASS
				MCS5	26000	0.00	26.97	16.45	24	PASS
			56	MCS6	29250	0.00	26.67	15.86	24	PASS
				MCS7	32500	0.00	26.67	15.72	24	PASS
			64	MCS0	3250	0.00	26.85	17.23	24	PASS
				MCS1	6500	0.00	26.19	17.37	24	PASS
				MCS2	9750	0.00	26.23	17.32	24	PASS
			60	MCS3	13000	0.00	25.74	16.66	24	PASS
				MCS4	19500	0.00	26.36	16.56	24	PASS
				MCS5	26000	0.00	27.39	16.70	24	PASS
				MCS6	29250	0.00	27.13	15.93	24	PASS
			56	MCS7	32500	0.00	26.25	15.76	24	PASS

	HT40	64	118 (5590)	MCS0	3250	0.00	26.65	17.16	24	PASS
				MCS1	6500	0.00	26.87	18.11	24	PASS
				MCS2	9750	0.00	26.91	18.10	24	PASS
				MCS3	13000	0.00	26.74	17.45	24	PASS
				MCS4	19500	0.00	27.16	17.51	24	PASS
				MCS5	26000	0.00	28.06	17.60	24	PASS
				MCS6	29250	0.00	27.7	16.64	24	PASS
				MCS7	32500	0.00	27.59	16.66	24	PASS
		60	126 (5630)	MCS0	3250	0.00	26.96	17.27	24	PASS
				MCS1	6500	0.00	27.16	18.12	24	PASS
				MCS2	9750	0.00	27.14	18.13	24	PASS
				MCS3	13000	0.00	26.71	17.37	24	PASS
				MCS4	19500	0.00	27.01	17.53	24	PASS
				MCS5	26000	0.00	28.16	17.67	24	PASS
				MCS6	29250	0.00	27.45	16.70	24	PASS
				MCS7	32500	0.00	27.51	16.67	24	PASS
		60	134 (5670)	MCS0	3250	0.00	26.05	16.31	24	PASS
				MCS1	6500	0.00	26.48	17.29	24	PASS
				MCS2	9750	0.00	26.33	17.17	24	PASS
				MCS3	13000	0.00	26.82	17.36	24	PASS
				MCS4	19500	0.00	27	17.44	24	PASS
				MCS5	26000	0.00	28.18	17.59	24	PASS
				MCS6	29250	0.00	27.73	16.65	24	PASS
				MCS7	32500	0.00	27.75	16.64	24	PASS
		64	142 (5710)	MCS0	3250	0.00	26.91	17.26	24	PASS
				MCS1	6500	0.00	27.46	18.13	24	PASS
				MCS2	9750	0.00	26.95	18.11	24	PASS
				MCS3	13000	0.00	26.67	17.46	24	PASS
				MCS4	19500	0.00	26.99	17.55	24	PASS
				MCS5	26000	0.00	28.15	17.59	24	PASS
				MCS6	29250	0.00	27.69	16.65	24	PASS
				MCS7	32500	0.00	27.8	16.67	24	PASS
802.11 ac	VHT2 0	57	100 (5500)	MCS0	1950	0.00	26.51	16.87	23.31	PASS
				MCS1	3900	0.00	26.25	17.20	23.31	PASS
				MCS2	5850	0.00	26.03	17.11	23.31	PASS
				MCS3	7800	0.00	26.51	17.28	23.31	PASS
				MCS4	11700	0.00	26.81	17.37	23.31	PASS

				MCS5	15600	0.00	27.9	17.46	23.31	PASS	
				MCS6	17550	0.00	27.92	17.54	23.31	PASS	
				MCS7	19500	0.00	28.28	17.47	23.31	PASS	
				MCS8	23400	0.00	27.2	16.30	23.31	PASS	
			52								
	VHT2 0	66	120 (5600)	MCS0	1950	0.00	27.77	17.91	23.31	PASS	
				MCS1	3900	0.00	26.99	18.10	23.31	PASS	
				MCS2	5850	0.00	26.98	18.07	23.31	PASS	
				MCS3	7800	0.00	25.8	16.82	23.31	PASS	
		MCS4		11700	0.00	26.48	16.82	23.31	PASS		
		MCS5		15600	0.00	27.63	16.96	23.31	PASS		
		MCS6		17550	0.00	27.41	16.93	23.31	PASS		
		MCS7		19500	0.00	27.54	16.98	23.31	PASS		
		MCS8		23400	0.00	25.96	15.10	23.31	PASS		
				52						23.31	
	VHT2 0	66	144 (5720)	MCS0	1950	0.00	27.27	17.59	23.31	PASS	
				MCS1	3900	0.00	26.69	17.80	23.31	PASS	
				MCS2	5850	0.00	26.69	17.79	23.31	PASS	
				MCS3	7800	0.00	26.08	16.45	23.31	PASS	
		MCS4		11700	0.00	26.1	16.51	23.31	PASS		
		MCS5		15600	0.00	26.72	16.61	23.31	PASS		
		MCS6		17550	0.00	27.05	16.65	23.31	PASS		
		MCS7		19500	0.00	27.32	16.59	23.31	PASS		
		MCS8		23400	0.00	25.49	14.62	23.31	PASS		
		52									
	VHT4 0	58	102 (5510)	MCS0	3750	0.00	26.67	17.80	24	PASS	
				MCS1	7500	0.00	26.33	17.78	24	PASS	
				MCS2	11250	0.00	26.64	17.75	24	PASS	
				MCS3	15000	0.00	26.65	17.71	24	PASS	
				MCS4	22500	0.00	27.21	17.84	24	PASS	
		MCS5		30000	0.00	27.98	17.91	24	PASS		
		MCS6		33750	0.00	28.51	17.49	24	PASS		
		MCS7		37500	0.00	28.25	17.42	24	PASS		
		MCS8		45000	0.00	27.82	16.44	24	PASS		
		MCS9		50000	0.00	27.68	16.43	24	PASS		
		56									
		52									
	VHT4 0	64	110 (5550)	MCS0	3750	0.00	27.46	19.14	24	PASS	
				MCS1	7500	0.00	27.4	19.08	24	PASS	
MCS2				11250	0.00	27.85	19.09	24	PASS		
MCS3		15000		0.00	27.03	18.17	24	PASS			
MCS4		22500		0.00	27.53	18.31	24	PASS			

				MCS5	30000	0.00	28.74	18.37	24	PASS	
		56		MCS6	33750	0.00	28.12	17.49	24	PASS	
				MCS7	37500	0.00	28.34	17.45	24	PASS	
				MCS8	45000	0.00	27.13	16.50	24	PASS	
		52		MCS9	50000	0.00	27.51	16.52	24	PASS	
	VHT4 0	64	118 (5590)	MCS0	3750	0.00	27.4	19.17	24	PASS	
				MCS1	7500	0.00	27.63	19.13	24	PASS	
				MCS2	11250	0.00	27.8	19.07	24	PASS	
		60		MCS3	15000	0.00	27.38	18.14	24	PASS	
				MCS4	22500	0.00	27.91	18.24	24	PASS	
				MCS5	30000	0.00	28.58	18.31	24	PASS	
		56		MCS6	33750	0.00	28.45	17.50	24	PASS	
				MCS7	37500	0.00	28.51	17.50	24	PASS	
				MCS8	45000	0.00	27.63	16.45	24	PASS	
	52	MCS9	50000	0.00	27.14	16.43	24	PASS			
	VHT4 0	64	126 (5630)	MCS0	3750	0.00	27.89	19.23	24	PASS	
				MCS1	7500	0.00	27.83	19.16	24	PASS	
				MCS2	11250	0.00	27.81	19.19	24	PASS	
		60		MCS3	15000	0.00	27.37	18.20	24	PASS	
				MCS4	22500	0.00	27.8	18.33	24	PASS	
				MCS5	30000	0.00	28.59	18.39	24	PASS	
		56		MCS6	33750	0.00	28.15	17.53	24	PASS	
				MCS7	37500	0.00	28.35	17.47	24	PASS	
				MCS8	45000	0.00	27.93	16.46	24	PASS	
	52	MCS9	50000	0.00	27.26	16.47	24	PASS			
	VHT4 0	60	134 (5670)	MCS0	3750	0.00	26.78	18.20	24	PASS	
				MCS1	7500	0.00	27.04	18.22	24	PASS	
				MCS2	11250	0.00	26.72	18.20	24	PASS	
				MCS3	15000	0.00	27.29	18.18	24	PASS	
				MCS4	22500	0.00	27.59	18.28	24	PASS	
		56		MCS5	30000	0.00	28.66	18.31	24	PASS	
				MCS6	33750	0.00	28.08	17.47	24	PASS	
				MCS7	37500	0.00	28.3	17.48	24	PASS	
				MCS8	45000	0.00	27.63	16.45	24	PASS	
52	MCS9	50000	0.00	27.47	16.44	24	PASS				
VHT4 0	64	142 (5710)	MCS0	3750	0.00	27.79	19.11	24	PASS		
			MCS1	7500	0.00	27.54	19.09	24	PASS		

		60	106 (5530)	MCS2	11250	0.00	27.45	19.06	24	PASS
				MCS3	15000	0.00	26.79	18.17	24	PASS
				MCS4	22500	0.00	27.95	18.27	24	PASS
				MCS5	30000	0.00	28.46	18.29	24	PASS
				MCS6	33750	0.00	28.32	17.40	24	PASS
				MCS7	37500	0.00	28.46	17.42	24	PASS
				MCS8	45000	0.00	27.91	16.42	24	PASS
				MCS9	50000	0.00	27.76	16.43	24	PASS
	VHT8 0	58	106 (5530)	MCS0	19500	0.00	27.36	17.70	24	PASS
				MCS1	39000	0.00	25.47	17.68	24	PASS
				MCS2	58500	0.00	25.53	17.27	24	PASS
				MCS3	78000	0.00	25.99	17.41	24	PASS
				MCS4	117000	0.00	25.67	16.90	24	PASS
				MCS5	156000	0.00	27.11	17.02	24	PASS
				MCS6	175500	0.00	26.12	16.09	24	PASS
				MCS7	195000	0.00	26.02	16.08	24	PASS
				MCS8	234000	0.00	25.63	15.20	24	PASS
				MCS9	260750	0.00	25.32	15.21	24	PASS
	VHT8 0	64	122 (5610)	MCS0	19500	0.00	26.64	18.64	24	PASS
				MCS1	39000	0.00	26.79	18.63	24	PASS
				MCS2	58500	0.00	26.45	18.65	24	PASS
				MCS3	78000	0.00	26.66	17.87	24	PASS
				MCS4	117000	0.00	25.68	16.93	24	PASS
				MCS5	156000	0.00	26.86	17.02	24	PASS
				MCS6	175500	0.00	26.83	16.06	24	PASS
				MCS7	195000	0.00	26.03	16.08	24	PASS
				MCS8	234000	0.00	25.66	15.19	24	PASS
				MCS9	260750	0.00	25.77	15.21	24	PASS
	VHT8 0	64	138 (5690)	MCS0	19500	0.00	26.7	18.63	24	PASS
				MCS1	39000	0.00	26.74	18.62	24	PASS
				MCS2	58500	0.00	26.74	18.62	24	PASS
				MCS3	78000	0.00	26.35	17.85	24	PASS
				MCS4	117000	0.00	25.6	16.93	24	PASS
				MCS5	156000	0.00	27.08	16.99	24	PASS
				MCS6	175500	0.00	26.28	16.09	24	PASS
				MCS7	195000	0.00	26.12	16.03	24	PASS
				MCS8	234000	0.00	25.48	15.19	24	PASS

				MCS9	260750	0.00	25.67	15.17	24	PASS	
802.11 ax	HE20	57	100 (5500)	MCS0	2150	0.00	27.6	17.43	23.78	PASS	
				MCS1	4300	0.00	26.66	17.10	23.78	PASS	
				MCS2	6450	0.00	26.38	17.05	23.78	PASS	
				MCS3	8600	0.00	26.89	17.21	23.78	PASS	
				MCS4	12900	0.00	27.26	17.25	23.78	PASS	
				MCS5	17200	0.00	28.06	17.75	23.78	PASS	
				MCS6	19350	0.00	28.15	17.72	23.78	PASS	
				MCS7	21500	0.00	28.54	17.69	23.78	PASS	
		52		MCS8	25800	0.00	26.97	16.55	23.78	PASS	
				MCS9	28675	0.00	27.65	16.48	23.78	PASS	
		40		MCS10	32325	0.00	25.94	13.74	23.78	PASS	
				MCS11	35750	0.00	24.54	13.65	23.78	PASS	
		66	120 (5600)	MCS0	2150	0.00	28.19	18.33	23.78	PASS	
				MCS1	4300	0.00	27.34	18.07	23.78	PASS	
				MCS2	6450	0.00	27.11	18.05	23.78	PASS	
		60		MCS3	8600	0.00	26.86	16.81	23.78	PASS	
				MCS4	12900	0.00	26.79	16.78	23.78	PASS	
				MCS5	17200	0.00	28.13	17.22	23.78	PASS	
				MCS6	19350	0.00	27.84	17.21	23.78	PASS	
				MCS7	21500	0.00	27.65	17.20	23.78	PASS	
		52		MCS8	25800	0.00	26.98	15.46	23.78	PASS	
				MCS9	28675	0.00	26.69	15.29	23.78	PASS	
		40		MCS10	32325	0.00	23.82	12.52	23.78	PASS	
				MCS11	35750	0.00	24.58	12.42	23.78	PASS	
		66	144 (5720)	MCS0	2150	0.00	27.53	18.06	23.78	PASS	
				MCS1	4300	0.00	26.88	17.80	23.78	PASS	
				MCS2	6450	0.00	26.99	17.79	23.78	PASS	
		60		MCS3	8600	0.00	26.19	16.46	23.78	PASS	
				MCS4	12900	0.00	26.42	16.44	23.78	PASS	
				MCS5	17200	0.00	27.19	16.81	23.78	PASS	
				MCS6	19350	0.00	27.15	16.84	23.78	PASS	
				MCS7	21500	0.00	27.2	16.83	23.78	PASS	
		52		MCS8	25800	0.00	26.41	14.94	23.78	PASS	
				MCS9	28675	0.00	26.04	14.87	23.78	PASS	
		40		MCS10	32325	0.00	22.95	11.94	23.78	PASS	
				MCS11	35750	0.00	23.67	12.00	23.78	PASS	

HE40	58	102 (5510)	MCS0	4300	0.00	27.5	17.61	24	PASS
			MCS1	8600	0.00	26.72	17.32	24	PASS
			MCS2	12900	0.00	26.89	17.34	24	PASS
			MCS3	17200	0.00	26.91	17.49	24	PASS
			MCS4	25800	0.00	27.54	17.54	24	PASS
			MCS5	34400	0.00	28.58	18.04	24	PASS
			MCS6	38725	0.00	28.38	17.56	24	PASS
			MCS7	43025	0.00	28.49	17.53	24	PASS
			MCS8	51625	0.00	27.54	16.57	24	PASS
			MCS9	57350	0.00	27.34	16.55	24	PASS
			MCS10	64650	0.00	25.15	13.74	24	PASS
			MCS11	71525	0.00	25.01	13.66	24	PASS
		110 (5550)	MCS0	4300	0.00	28.27	18.88	24	PASS
			MCS1	8600	0.00	27.6	18.65	24	PASS
			MCS2	12900	0.00	27.9	18.65	24	PASS
			MCS3	17200	0.00	27	17.87	24	PASS
			MCS4	25800	0.00	27.48	17.93	24	PASS
			MCS5	34400	0.00	28.3	18.38	24	PASS
			MCS6	38725	0.00	28.04	17.54	24	PASS
			MCS7	43025	0.00	27.91	17.51	24	PASS
			MCS8	51625	0.00	27.63	16.57	24	PASS
			MCS9	57350	0.00	27	16.52	24	PASS
			MCS10	64650	0.00	25.46	13.68	24	PASS
			MCS11	71525	0.00	25.64	13.72	24	PASS
		118 (5590)	MCS0	4300	0.00	28.22	18.83	24	PASS
			MCS1	8600	0.00	27.62	18.62	24	PASS
			MCS2	12900	0.00	27.55	18.61	24	PASS
			MCS3	17200	0.00	27.3	17.88	24	PASS
			MCS4	25800	0.00	27.67	17.91	24	PASS
			MCS5	34400	0.00	28.28	18.40	24	PASS
			MCS6	38725	0.00	27.54	17.47	24	PASS
			MCS7	43025	0.00	28.39	17.52	24	PASS
			MCS8	51625	0.00	27.46	16.55	24	PASS
			MCS9	57350	0.00	27.7	16.54	24	PASS
			MCS10	64650	0.00	25.46	13.71	24	PASS
			MCS11	71525	0.00	25.1	13.83	24	PASS

		64	126 (5630)	MCS0	4300	0.00	28.29	18.86	24	PASS
				MCS1	8600	0.00	27.76	18.64	24	PASS
				MCS2	12900	0.00	27.65	18.64	24	PASS
		60		MCS3	17200	0.00	26.88	17.86	24	PASS
				MCS4	25800	0.00	27.41	17.92	24	PASS
				MCS5	34400	0.00	28.6	18.39	24	PASS
		56		MCS6	38725	0.00	28.15	17.51	24	PASS
				MCS7	43025	0.00	28.14	17.48	24	PASS
		52		MCS8	51625	0.00	28.47	16.52	24	PASS
				MCS9	57350	0.00	27.6	16.57	24	PASS
		40		MCS10	64650	0.00	24.7	13.73	24	PASS
				MCS11	71525	0.00	25.07	13.71	24	PASS
		60	134 (5670)	MCS0	4300	0.00	27.62	17.92	24	PASS
				MCS1	8600	0.00	26.78	17.69	24	PASS
				MCS2	12900	0.00	27.1	17.71	24	PASS
				MCS3	17200	0.00	27.18	17.85	24	PASS
				MCS4	25800	0.00	27.32	17.91	24	PASS
				MCS5	34400	0.00	28.56	18.35	24	PASS
		56		MCS6	38725	0.00	28.13	17.55	24	PASS
				MCS7	43025	0.00	27.98	17.50	24	PASS
		52		MCS8	51625	0.00	27.58	16.57	24	PASS
				MCS9	57350	0.00	26.83	16.53	24	PASS
		40		MCS10	64650	0.00	25.06	13.70	24	PASS
				MCS11	71525	0.00	24.78	13.72	24	PASS
		64	142 (5710)	MCS0	4300	0.00	28.33	18.84	24	PASS
				MCS1	8600	0.00	27.48	18.52	24	PASS
				MCS2	12900	0.00	27.62	18.64	24	PASS
		60		MCS3	17200	0.00	27.49	17.82	24	PASS
				MCS4	25800	0.00	27.56	17.87	24	PASS
				MCS5	34400	0.00	28.49	18.40	24	PASS
		56		MCS6	38725	0.00	28.62	17.52	24	PASS
				MCS7	43025	0.00	28.35	17.46	24	PASS
		52		MCS8	51625	0.00	27.42	16.54	24	PASS
				MCS9	57350	0.00	27.26	16.56	24	PASS
		40		MCS10	64650	0.00	26.15	13.75	24	PASS
				MCS11	71525	0.00	24.92	13.66	24	PASS
	HE80	58			MCS0	8600	0.00	24.91	17.24	24

		56	106 (5530)	MCS1	17200	0.00	25.46	17.30	24	PASS
				MCS2	25800	0.00	25.32	17.23	24	PASS
				MCS3	34400	0.00	26.27	17.46	24	PASS
				MCS4	51600	0.00	26.31	16.93	24	PASS
				MCS5	68850	0.00	27.09	17.27	24	PASS
				MCS6	77425	0.00	26.4	16.33	24	PASS
				MCS7	86025	0.00	26.76	16.34	24	PASS
				MCS8	103225	0.00	26.21	15.50	24	PASS
				MCS9	114700	0.00	26.35	15.49	24	PASS
				MCS10	129275	0.00	23.13	12.40	24	PASS
				MCS11	143050	0.00	22.98	12.43	24	PASS
		64	122 (5610)	MCS0	8600	0.00	26.23	18.60	24	PASS
				MCS1	17200	0.00	26.96	18.63	24	PASS
				MCS2	25800	0.00	26.86	18.65	24	PASS
				MCS3	34400	0.00	26.46	17.80	24	PASS
				MCS4	51600	0.00	25.38	16.89	24	PASS
				MCS5	68850	0.00	27.31	17.30	24	PASS
				MCS6	77425	0.00	26.67	16.29	24	PASS
				MCS7	86025	0.00	26.55	16.32	24	PASS
				MCS8	103225	0.00	26.01	15.42	24	PASS
				MCS9	114700	0.00	26.05	15.44	24	PASS
				MCS10	129275	0.00	23.08	12.37	24	PASS
				MCS11	143050	0.00	23.15	12.44	24	PASS
		64	138 (5690)	MCS0	8600	0.00	26.3	18.61	24	PASS
				MCS1	17200	0.00	26.72	18.63	24	PASS
				MCS2	25800	0.00	26.74	18.60	24	PASS
				MCS3	34400	0.00	26.74	17.83	24	PASS
				MCS4	51600	0.00	25.76	16.92	24	PASS
				MCS5	68850	0.00	27	17.31	24	PASS
				MCS6	77425	0.00	26.01	16.29	24	PASS
				MCS7	86025	0.00	26.58	16.28	24	PASS
				MCS8	103225	0.00	25.59	15.43	24	PASS
				MCS9	114700	0.00	26.39	15.45	24	PASS
				MCS10	129275	0.00	23.12	12.35	24	PASS
				MCS11	143050	0.00	23.15	12.42	24	PASS

UNII3:

Mode	BW (MHz)	EUT power setting	Channel	Data Rate	Byte	Duty Cycle Correct ion	Cond. Power (dBm) combined		Conducted Power Limit (dBm)
							PK	Final AVG	
802.11a	Non- HT20	66	149 (5745)	6	1500	0.00	27.05	17.64	30
				9	2250	0.00	26.6	17.91	30
				12	3000	0.00	26.68	17.99	30
				18	4000	0.00	26.66	17.9	30
		24		4000	0.00	25.64	16.58	30	
		36		4000	0.00	25.97	16.6	30	
		48		4000	0.12	26.68	16.72	30	
		54		4000	0.14	27.69	16.83	30	
		66	157 (5785)	6	1500	0.00	27.02	17.68	30
				9	2250	0.00	26.48	17.88	30
				12	3000	0.00	26.52	17.98	30
				18	4000	0.00	26.69	17.93	30
		24		4000	0.00	25.68	16.58	30	
		36		4000	0.00	25.92	16.68	30	
		48		4000	0.12	26.64	16.81	30	
		54		4000	0.14	27.62	16.87	30	
		66	165 (5825)	6	1500	0.00	27.16	17.7	30
				9	2250	0.00	26.84	17.91	30
				12	3000	0.00	26.61	17.98	30
				18	4000	0.00	26.72	17.93	30
		24		4000	0.00	25.78	16.66	30	
		36		4000	0.00	25.87	16.72	30	
		48		4000	0.12	26.81	16.84	30	
		54		4000	0.14	27.68	16.82	30	
802.11n	HT20	66 60	149 (5745)	MCS0	1625	0.00	27.25	17.77	30
				MCS1	3250	0.00	27	17.95	30
				MCS2	4875	0.00	26.79	17.97	30
				MCS3	6500	0.00	25.86	16.65	30
				MCS4	9750	0.00	26.24	16.84	30
				MCS5	13000	0.00	27.56	16.85	30
				MCS6	14625	0.00	27.17	16.88	30

				MCS7	16250	0.00	27.63	16.98	30
		66	157 (5785)	MCS0	1625	0.00	27.22	17.85	30
				MCS1	3250	0.00	26.69	17.98	30
				MCS2	4875	0.00	26.55	17.93	30
		60		MCS3	6500	0.00	25.99	16.67	30
				MCS4	9750	0.00	26.43	16.77	30
				MCS5	13000	0.00	27.26	16.88	30
				MCS6	14625	0.00	27.34	16.94	30
				MCS7	16250	0.00	27.46	16.9	30
		66	165 (5825)	MCS0	1625	0.00	27.4	17.91	30
				MCS1	3250	0.00	27.4	18.01	30
				MCS2	4875	0.00	26.81	18.02	30
		60		MCS3	6500	0.00	25.9	16.62	30
				MCS4	9750	0.00	26.32	16.85	30
				MCS5	13000	0.00	27.42	16.93	30
				MCS6	14625	0.00	27.54	16.95	30
				MCS7	16250	0.00	27.12	16.98	30
802.11n	HT40	64 60 56	151 (5755)	MCS0	3250	0.00	26.42	18	30
				MCS1	6500	0.00	26.6	17.96	30
				MCS2	9750	0.00	26.75	17.93	30
				MCS3	13000	0.00	25.98	16.87	30
				MCS4	19500	0.00	26.6	17.03	30
				MCS5	26000	0.00	27.38	17.07	30
				MCS6	29250	0.00	26.82	16.19	30
				MCS7	32500	0.00	26.81	16.2	30
		64	159 (5795)	MCS0	3250	0.00	25.96	17.92	30
				MCS1	6500	0.00	26.31	17.88	30
				MCS2	9750	0.00	26.51	17.87	30
		60		MCS3	13000	0.00	25.99	16.89	30
				MCS4	19500	0.00	26.35	17.07	30
				MCS5	26000	0.00	27.83	17.12	30
				MCS6	29250	0.00	27.77	16.21	30
56	MCS7	32500		0.00	27.33	16.21	30		
802.11a c	VHT2 0	66 60	149 (5745)	MCS0	1950	0.00	27.47	17.85	30
				MCS1	3900	0.00	26.89	18.01	30
				MCS2	5850	0.00	26.79	18.06	30

				MCS3	7800	0.00	25.88	16.64	30
				MCS4	11700	0.00	26.07	16.72	30
				MCS5	15600	0.00	27.26	16.85	30
				MCS6	17550	0.00	27.49	16.89	30
				MCS7	19500	0.00	27.44	16.95	30
				MCS8	23400	0.00	26.16	14.95	30
				MCS0	1950	0.00	27.41	17.86	30
				MCS1	3900	0.00	26.63	18.02	30
				MCS2	5850	0.00	26.8	18.04	30
				MCS3	7800	0.00	26.05	16.72	30
				MCS4	11700	0.00	26.22	16.73	30
				MCS5	15600	0.00	27.23	16.93	30
				MCS6	17550	0.00	27.77	16.97	30
				MCS7	19500	0.00	27.33	16.93	30
				MCS8	23400	0.00	25.79	14.91	30
				MCS0	1950	0.00	27.41	17.92	30
				MCS1	3900	0.00	26.85	18.06	30
				MCS2	5850	0.00	26.72	18.04	30
				MCS3	7800	0.00	25.83	16.79	30
				MCS4	11700	0.00	26.42	16.96	30
				MCS5	15600	0.00	27.03	16.96	30
				MCS6	17550	0.00	27.75	16.95	30
				MCS7	19500	0.00	27.49	16.93	30
				MCS8	23400	0.00	26.03	14.97	30
802.11a c	VHT4 0	64 60 56	151 (5755)	MCS0	3750	0.00	26.62	18.03	30
				MCS1	7500	0.00	26.6	18.04	30
				MCS2	11250	0.00	26.73	17.95	30
				MCS3	15000	0.00	26.11	16.91	30
				MCS4	22500	0.00	26.38	17.04	30
				MCS5	30000	0.00	27.59	17.09	30
				MCS6	33750	0.00	27.3	16.16	30
				MCS7	37500	0.00	27.03	16.18	30
				MCS8	45000	0.00	26.87	15.08	30
				MCS9	50000	0.00	26.3	15.08	30
	VHT4 0	64	159 (5795)	MCS0	3750	0.00	26.23	17.95	30
				MCS1	7500	0.00	26.72	17.93	30
				MCS2	11250	0.00	26.82	17.88	30

		60		MCS3	15000	0.00	25.98	16.94	30
				MCS4	22500	0.00	26.37	17.01	30
				MCS5	30000	0.00	27.63	17.08	30
		56		MCS6	33750	0.00	27.2	16.22	30
				MCS7	37500	0.00	27.13	16.23	30
				MCS8	45000	0.00	26.86	15.12	30
		52		MCS9	50000	0.00	26.58	15.11	30
802.11a c	VHT8 0	64 60	155 (5775)	MCS0	19500	0.00	26.69	18.65	30
				MCS1	39000	0.00	26.98	18.73	30
				MCS2	58500	0.00	26.41	18.72	30
		MCS3		78000	0.00	26.49	17.95	30	
		MCS4		117000	0.00	25.43	16.98	30	
		MCS5		156000	0.00	26.72	17.08	30	
		MCS6		175500	0.00	26.49	16.12	30	
		MCS7		195000	0.00	26.2	16.14	30	
		MCS8		234000	0.00	25.4	15.33	30	
		MCS9		260750	0.00	25.17	15.4	30	
802.11a x	HE20	66 60	149 (5745)	MCS0	2150	0.00	27.51	18.2	30
				MCS1	4300	0.00	27.37	18	30
				MCS2	6450	0.00	27	17.92	30
				MCS3	8600	0.00	26.08	16.65	30
				MCS4	12900	0.00	26.44	16.76	30
				MCS5	17200	0.00	27.46	17.15	30
		MCS6		19350	0.00	27.9	17.12	30	
		MCS7		21500	0.00	27.78	17.14	30	
		MCS8		25800	0.00	26.15	15.22	30	
		MCS9		28675	0.00	26.46	15.16	30	
		52		MCS10	32325	0.00	23.15	12.08	30
	MCS11		35750	0.00	23.33	12.16	30		
	HE20	66 60	157 (5785)	MCS0	2150	0.00	27.5	18.2	30
				MCS1	4300	0.00	26.83	17.97	30
				MCS2	6450	0.00	26.81	17.94	30
				MCS3	8600	0.00	26.24	16.61	30
MCS4				12900	0.00	26.71	16.81	30	
MCS5				17200	0.00	27.49	17.25	30	
MCS6				19350	0.00	27.92	17.19	30	
MCS7				21500	0.00	27.67	17.17	30	
52		MCS8		25800	0.00	26.61	15.24	30	

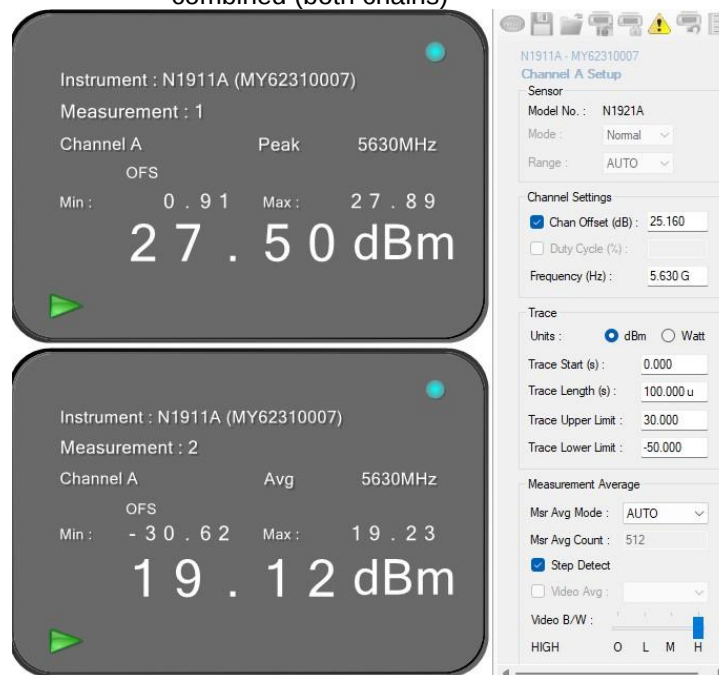
				MCS9	28675	0.00	26.24	15.25	30
		40		MCS10	32325	0.00	23.49	12.2	30
		MCS11		35750	0.00	23.64	12.09	30	
	HE20	66	165 (5825)	MCS0	2150	0.00	27.73	18.31	30
				MCS1	4300	0.00	27.26	18.05	30
				MCS2	6450	0.00	27.07	18.1	30
		60		MCS3	8600	0.00	26.34	16.77	30
				MCS4	12900	0.00	26.67	16.82	30
				MCS5	17200	0.00	27.59	17.23	30
				MCS6	19350	0.00	27.79	17.2	30
		52		MCS7	21500	0.00	27.63	17.2	30
				MCS8	25800	0.00	26.66	15.28	30
				MCS9	28675	0.00	26.53	15.29	30
40	MCS10	32325		0.00	24.28	12.17	30		
	MCS11	35750	0.00	24.37	12.23	30			

802.11a x	HE40	64 60 56	151 (5755)	MCS0	4300	0.00	27.39	17.68	30
				MCS1	8600	0.00	26.45	17.44	30
				MCS2	12900	0.00	26.36	17.44	30
		56		MCS3	17200	0.00	26.31	16.58	30
				MCS4	25800	0.00	26.19	16.69	30
				MCS5	34400	0.00	27.51	17.17	30
				MCS6	38725	0.00	26.76	16.13	30
		52		MCS7	43025	0.00	27.11	16.13	30
				MCS8	51625	0.00	26.1	15.21	30
				MCS9	57350	0.00	26.13	15.2	30
		40		MCS10	64650	0.00	23.84	12.15	30
	MCS11		71525	0.00	23.39	12.09	30		
	HE40	64	159 (5795)	MCS0	4300	0.00	27.31	17.67	30
				MCS1	8600	0.00	26.67	17.46	30
				MCS2	12900	0.00	26.93	17.48	30
		60		MCS3	17200	0.00	26.24	16.57	30
				MCS4	25800	0.00	26.93	16.74	30
				MCS5	34400	0.00	27.28	17.12	30
				MCS6	38725	0.00	26.72	16.16	30
56		MCS7		43025	0.00	26.92	16.16	30	
		MCS8		51625	0.00	25.89	15.16	30	
		MCS9		57350	0.00	26.2	15.2	30	
40	MCS10	64650		0.00	23.11	12.05	30		

				MCS11	71525	0.00	23.74	12.11	30
802.11a x	HE80	64	153 (5775)	MCS0	8600	0.00	25.38	17.71	30
				MCS1	17200	0.00	25.96	17.73	30
				MCS2	25800	0.00	25.69	17.78	30
				MCS3	34400	0.00	25.61	16.94	30
		56		MCS4	51600	0.00	24.7	15.89	30
				MCS5	68850	0.00	26.31	16.29	30
		52		MCS6	77425	0.00	24.87	15.34	30
				MCS7	86025	0.00	25.68	15.36	30
		48		MCS8	103225	0.00	24.17	14.29	30
				MCS9	114700	0.00	25.04	14.31	30
		36		MCS10	129275	0.00	21.69	11.13	30
				MCS11	143050	0.00	21.67	11.14	30

**Example screen shots from the power meter:
Low Channel – 802.11ac40, (5630MHz, mcs0)**

combined (both chains)



5 Undesirable Emissions

5.1 Test Result

Test Description	Test Specification	Test Result
Spurious Emissions	15.407(b)(1), (b)(2), (b)(3), (4)(i) / 15.209 / RSS-247 6.2.1.2, 6.2.2.2, 6.2.3.2, 6.2.4.3	Compliant

5.2 Test Method

The test data was measured using a spectrum analyzer with

- Peak detector, max hold
- Resolution bandwidth of at least 100 kHz
- Video bandwidth at least 3x RBW
- Frequency range: 30 MHz to 40 GHz

The limit is -27dBm/MHz or 68.2 dBuV/m @3m

Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

Where *FS* = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

The limit of the emission level is expressed in dBuV/m, which converts $20 \cdot \log(\mu V/m)$

Actual *FS*(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre_Amplifier Gain(dB)

5.3 Test Site

3m Absorber Lined Shielded Enclosure (ALSE), San Diego, CA

Environmental Conditions

Temperature: 20 – 25 °C

Relative Humidity: 35 – 50 %

5.4 Additional Observation

- The low frequency band from 9kHz to 30MHz was pre-scanned and the results were 20dB lower than the limit per 15.31(o), therefore, no data was presented in this test report.

- The frequency range from 1 to 4.5GHz was pre-scanned and the results were 20dB lower than the limit therefore, no data was presented in this test report.
- The high frequency band beyond 18GHz was pre-scanned and the results were 20dB lower than the limit; therefore, no data was presented in this test report.

5.5 Test Equipment

Test Dates: July 24, 2024 to January 22, 2025 Tester: Andreas Gillmeier, Alex Chang, Dongho Jeong

Asset No.	Type of Equipment	Model	Serial No.	Manufacturer	Cal Date	Cal Due Date
Radiated Emission < 1 GHz						
2017	EMI Receiver	N9038B	MY59050132	Keysight	10/24/2023	01/24/2025
2029	ETS Lindgren	Loop Antenna, H-Field	6512	00249642	10/04/2024	10/04/2026
2034	Biconilog Antenna 26M-6000MHz	3142E	00243882	ETS Lindgren	06/29/2023	06/29/2025
Radiated Emission > 1 GHz						
2017	EMI Receiver	N9038B	MY59050132	Keysight	10/24/2023	01/24/2025
2026	RF Microwave Systems Amplifier	RAMP00M45GA	00089204010	RF-Lambda	NCR	NCR
-	Pre-Amplifier	LNA18G	00152	Schwarzbeck	NCR	NCR
-	High Pass Filter	HPM50112	G086	Micro-Tronics	NCR	NCR
2033	DRG Horn Antenna 1G-18GHz	3117	00251986	ETS Lindgren	09/26/2024	09/26/2026
2042	DRG Horn Antenna 1G-18GHz	3117	00259209	ETS Lindgren	05/26/2023	05/26/2025
2032	ETS Lindgren	DRG Horn Antenna 10G-40GHz	3116C	00251668	07/23/2024	07/23/2026
Miscellaneous						
2036	Temp/Humidity Data Logger	GSP-8	CMA231100002	Elitech	09/07/2024	09/07/2025
-	Test Software	TILE!	V7.8.1.7 , V7.9.3.7	ETS Lindgren	N/A	

5.6 Test Setup Photographs

Test setup photographs are located in a separate report (208949-8).

5.7 Test Data

UNII1: 802.11a NOHT

30 to 1000 MHz
Mid Channel – 5200MHz - both chains transmitting
Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal QP

Customer / Model # - Alarm.Com / V730

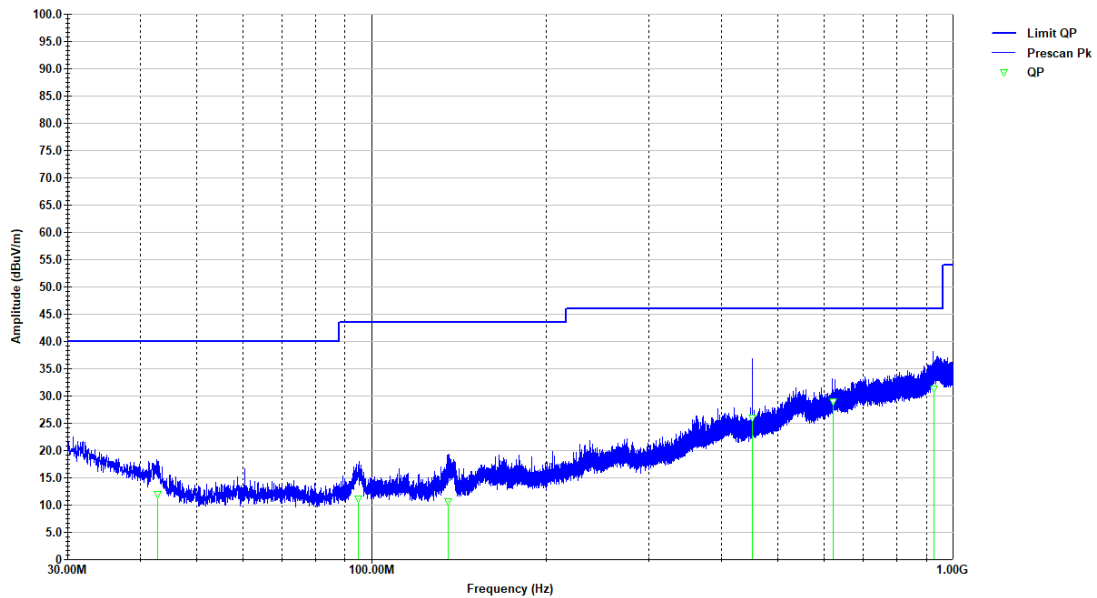
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5200MHz, 802.11a NOHT20, 12 Mbps, pwr 66



5200 12 66 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 06:29:41 PM, Thursday, August 08, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
42.872	11.98	-28.42	-28.02	40	177	263
94.835	11.2	-30.02	-32.32	43.52	256	354
135.43	10.59	-29.58	-32.93	43.52	224	225
451.265	25.94	-18.4	-20.08	46.02	192	297
622.173	28.91	-13.55	-17.11	46.02	272	179
926.521	31.36	-8.66	-14.66	46.02	122	193

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical QP

Customer / Model # - Alarm.Com / V730

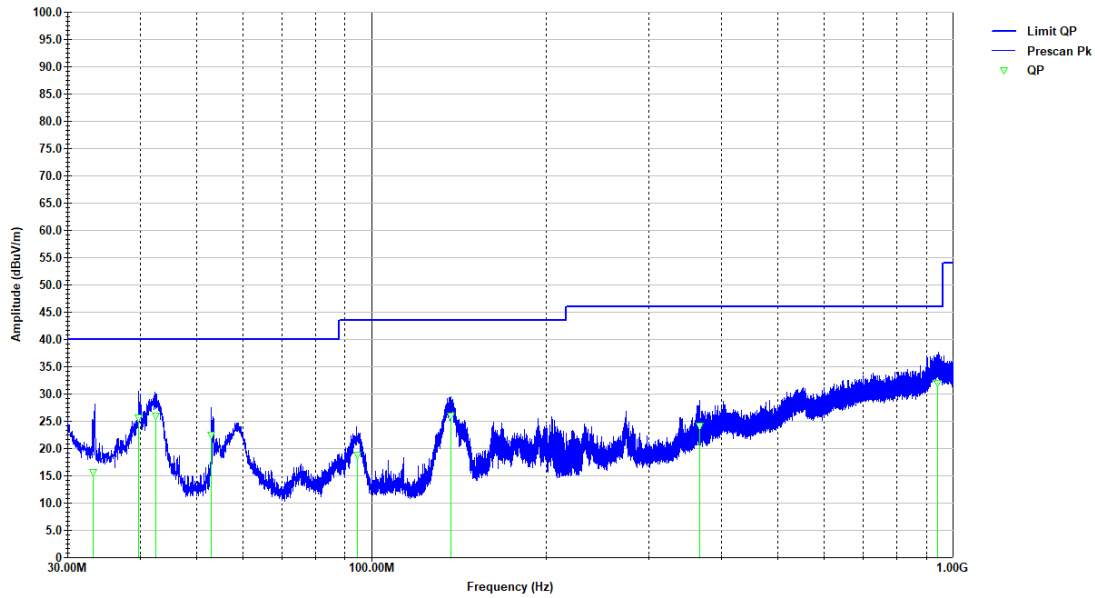
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5200MHz, 802.11a NOHT20, 12 Mbps, pwr 66



5200 12 66 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 05:59:12 PM, Thursday, August 08, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
33.228	15.59	-23.12	-24.41	40	145	41
39.73	25.72	-26.85	-14.28	40	100	37
42.558	26.06	-28.29	-13.94	40	100	156
52.964	22.56	-30.67	-17.44	40	154	6
94.415	18.9	-30.03	-24.62	43.52	100	87
136.617	26.03	-29.59	-17.49	43.52	114	246
366.069	24.19	-20.32	-21.83	46.02	177	346
939.411	31.96	-8.3	-14.06	46.02	194	269

1 to 18 GHz Low Channel – 5180MHz - - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

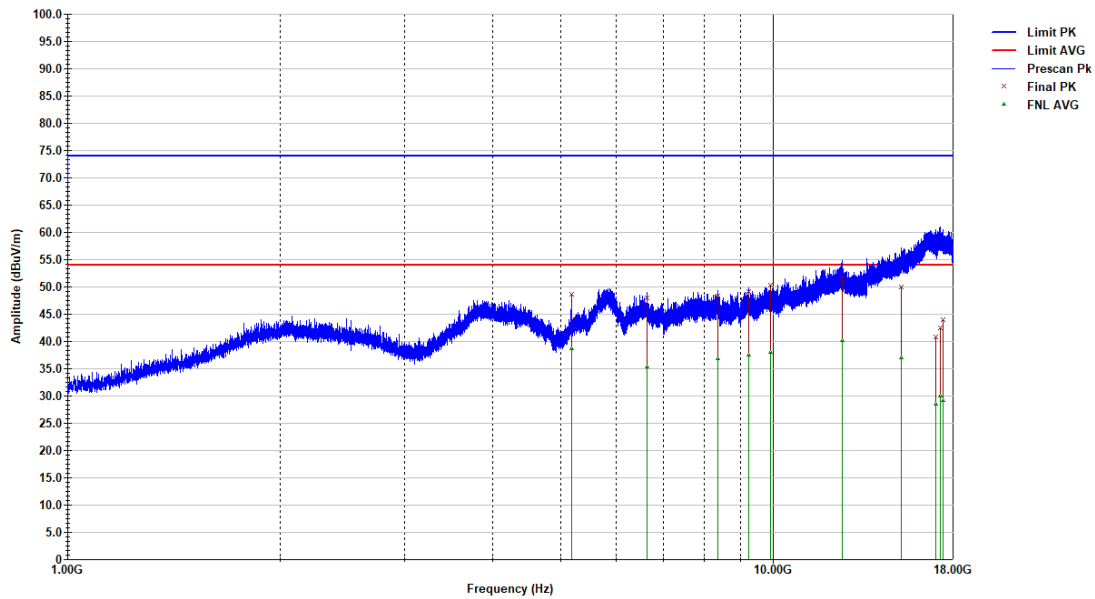
Test Mode - TX, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5180 MHz, 802.11a NOHT, 12 MByte, pwr 66



5180 12 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 03:17:40 PM, Wednesday, July 24, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5180.984	48.66	7.33	-25.34	74	370	123
6619.315	48.04	11.28	-25.96	74	217	329
8362.317	48.32	15.66	-25.68	74	340	89
9234.057	49.21	17.68	-24.79	74	240	198
9911.194	50.32	19.28	-23.68	74	216	-1
12549.13	51.9	26.05	-22.1	74	150	146
15186.99	50.06	28.81	-23.94	74	155	221
17012.17	40.82	33.08	-33.18	74	302	292
17274.86	42.53	32.59	-31.47	74	317	278
17437.25	44.01	32.19	-29.99	74	209	108

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5180.984	38.74	0.0	7.33	-15.26	54	370	123
6619.315	35.29	0.0	11.28	-18.71	54	217	329
8362.317	36.84	0.0	15.66	-17.16	54	340	89
9234.057	37.56	0.0	17.68	-16.44	54	240	198
9911.194	38.03	0.0	19.28	-15.97	54	216	-1
12549.13	40.13	0.0	26.05	-13.87	54	150	146
15186.99	37.01	0.0	28.81	-16.99	54	155	221
17012.17	28.5	0.0	33.08	-25.5	54	302	292
17274.86	29.98	0.0	32.59	-24.02	54	317	278
17437.25	29.09	0.0	32.19	-24.91	54	209	108

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

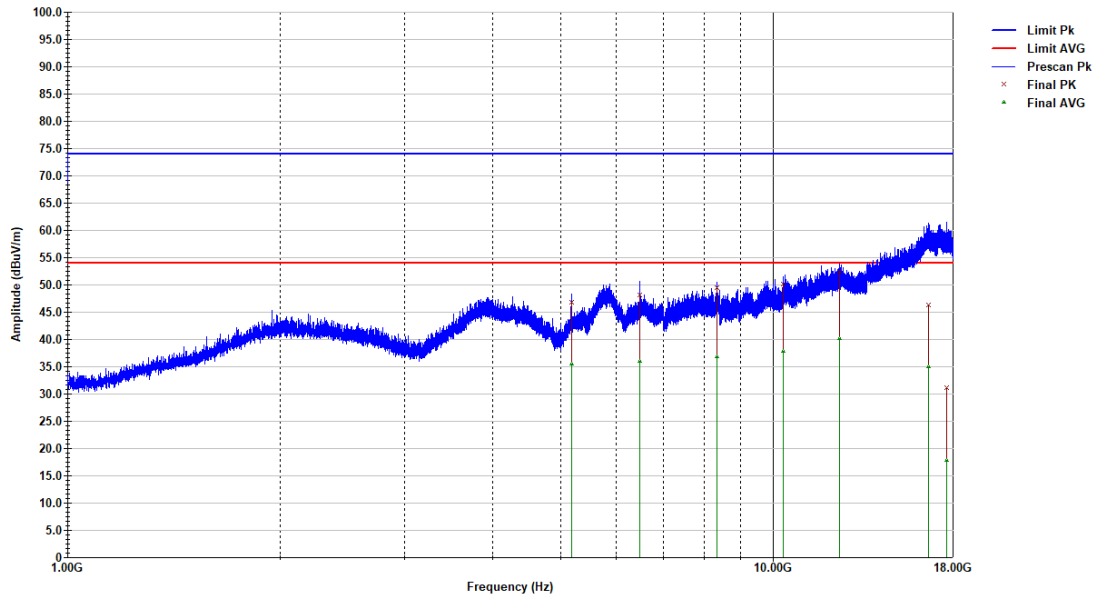
Test Mode - TX, 6 GHz HPF

Operator - AG

Vertical AVG

Standard - FCC 15.407

Comments - 5180 MHz, 802.11a NOHT, 12 MByte, pwr 66



5180 12 66 RECISPR SW1A NC 3117 w lambda Ina AVG 1G-18G 06Feb2024.ttl

Last Data Update 02:40:52 PM, Wednesday, July 24, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5178.559	46.76	7.33	-27.24	74	210	213
6476.411	48.16	10.85	-25.84	74	373	380
8337.308	49.54	15.66	-24.46	74	202	239
10345.53	50.11	20.26	-23.89	74	342	54
12424.76	52.44	25.95	-21.56	74	202	99
16622.67	46.39	33.62	-27.61	74	241	312
17649.69	31.13	32	-42.87	74	241	74

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5178.559	35.49	0.0	7.33	-18.51	54	210	213
6476.411	36.06	0.0	10.85	-17.94	54	373	380
8337.308	36.76	0.0	15.66	-17.24	54	202	239
10345.53	37.89	0.0	20.26	-16.11	54	342	54
12424.76	40.24	0.0	25.95	-13.76	54	202	99
16622.67	34.93	0.0	33.62	-19.07	54	241	312
17649.69	17.81	0.0	32	-36.19	54	241	74

Lower band edge falling to restricted band Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

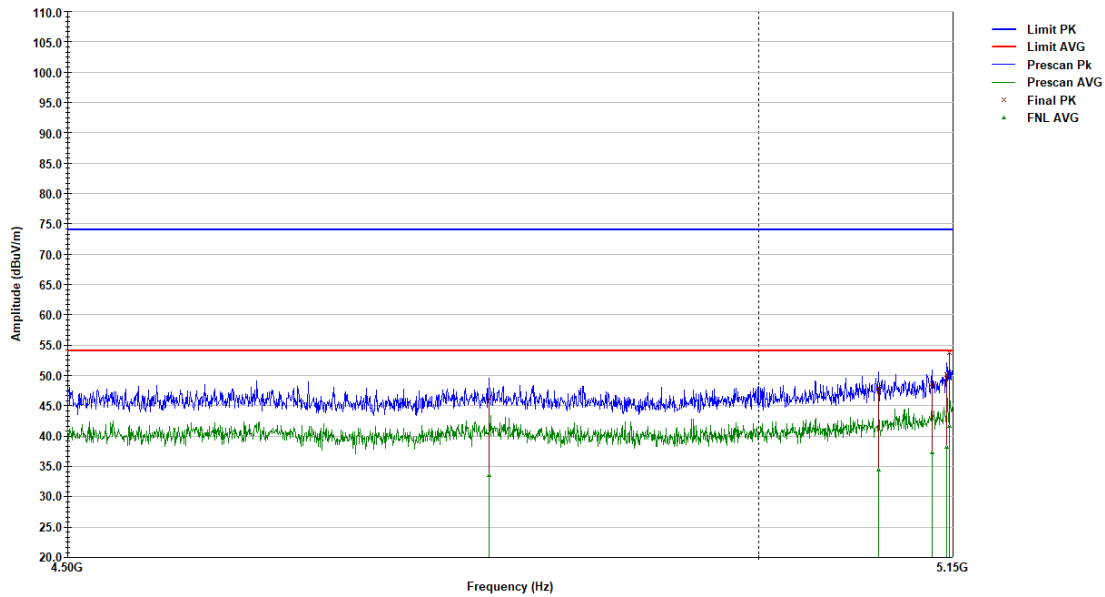
Test Mode - Tx mode, Lower Band-Edge

Horizontal AVG

Operator - AG

Standard - FCC Class B

Comments - 5180MHz, 802.11a NOHT, pwr 66, 12Mbps



5180 12 66 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 05:25:32 AM, Tuesday, August 20, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
4798.225	46.19	6.56	-27.81	74	163	361
5091.9	48.1	6.72	-25.9	74	324	303
5133.55	48.63	7.09	-25.37	74	400	233
5145.025	50.13	7.17	-23.87	74	294	143
5147.15	53.8	7.19	-20.2	74	240	97

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
4798.225	33.51	0.0	6.56	-20.49	54	163	361
5091.9	34.44	0.0	6.72	-19.56	54	324	303
5133.55	37.17	0.0	7.09	-16.83	54	400	233
5145.025	38.17	0.0	7.17	-15.83	54	294	143
5147.15	41.55	0.0	7.19	-12.45	54	240	97

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

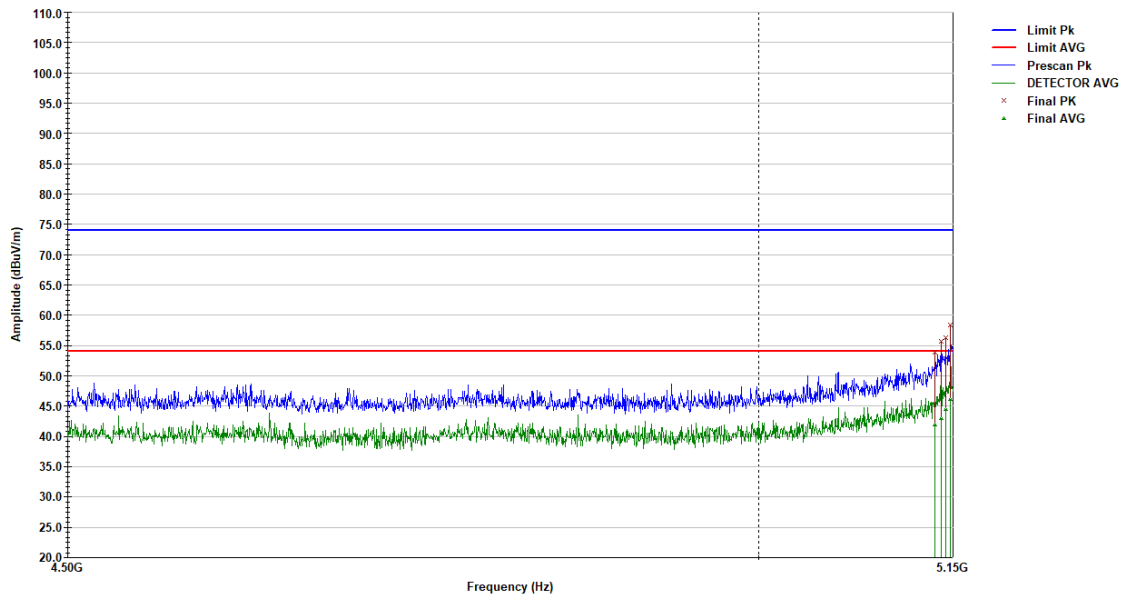
Test Mode - Tx mode, Lower Band-Edge

Vertical AVG

Operator - AG

Standard - FCC Class B

Comments - 5180MHz, 802.11a NOHT, pwr 66, 12Mbps



5180 12 66 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 05:12:30 AM, Tuesday, August 20, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5136.1	53.87	7.11	-20.13	74	150	153
5140.775	55.76	7.14	-18.24	74	194	152
5144.175	56.36	7.17	-17.64	74	210	133
5148	58.34	7.19	-15.66	74	150	171

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5136.1	41.85	0.0	7.11	-12.15	54	150	153
5140.775	42.96	0.0	7.14	-11.04	54	194	152
5144.175	44.42	0.0	7.17	-9.58	54	210	133
5148	46.13	0.0	7.19	-7.87	54	150	171

1 to 18 GHz Mid Channel – 5200MHz - - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

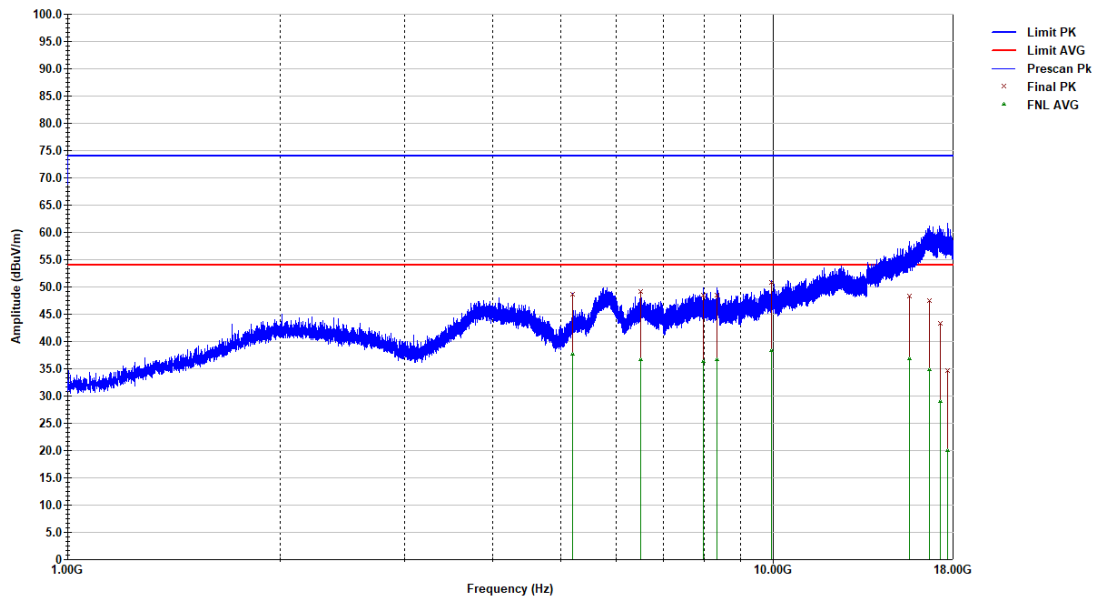
Test Mode - TX, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5200 MHz, 802.11a NOHT, 12 MByte, pwr 66



5200 12 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 04:25:09 PM, Wednesday, July 24, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5202.85	48.65	7.37	-25.35	74	371	200
6494.626	49.19	10.91	-24.81	74	293	252
7968.365	48.5	14.86	-25.5	74	301	259
8335.981	48.48	15.66	-25.52	74	286	78
9961.171	50.76	19.55	-23.24	74	363	217
15623.71	48.37	29.95	-25.63	74	194	359
16661.8	47.51	33.62	-26.49	74	201	110
17249.88	43.36	32.66	-30.64	74	294	145
17699.15	34.62	31.94	-39.38	74	155	326

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5202.85	37.61	0.0	7.37	-16.39	54	371	200
6494.626	36.65	0.0	10.91	-17.35	54	293	252
7968.365	36.31	0.0	14.86	-17.69	54	301	259
8335.981	36.71	0.0	15.66	-17.29	54	286	78
9961.171	38.34	0.0	19.55	-15.66	54	363	217
15623.71	36.79	0.0	29.95	-17.21	54	194	359
16661.8	34.82	0.0	33.62	-19.18	54	201	110
17249.88	29.06	0.0	32.66	-24.94	54	294	145
17699.15	20.01	0.0	31.94	-33.99	54	155	326

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

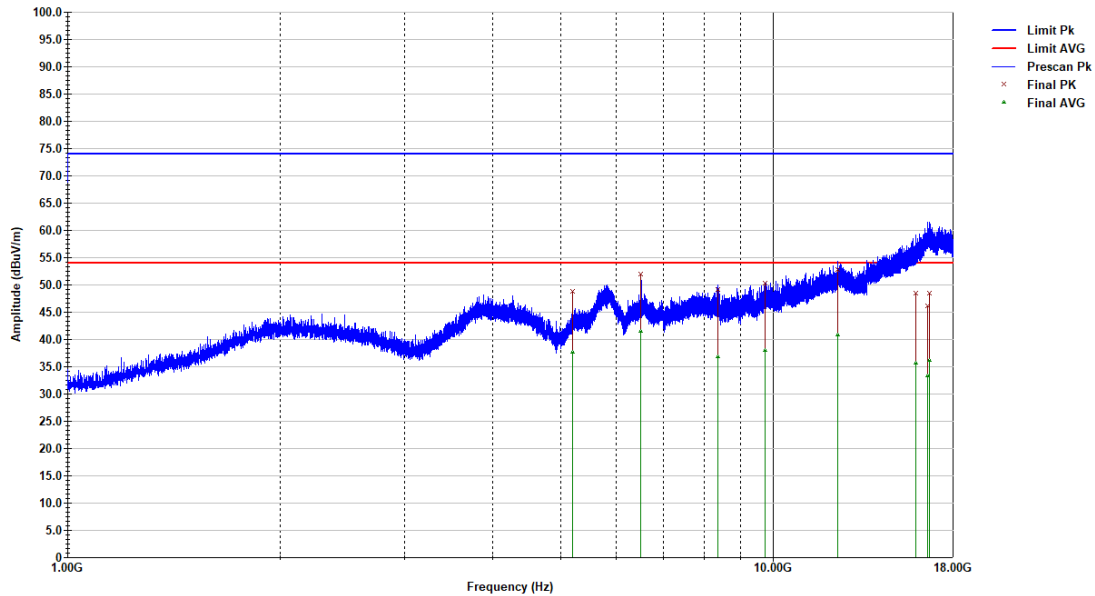
Test Mode - TX, 6 GHz HPF

Vertical AVG

Operator - AG

Standard - FCC 15.407

Comments - 5200 MHz, 802.11a NOHT, 12 MByte, pwr 66



5200 12 66 RECISPR SW1A NC 3117 w lambda Ina AVG 1G-18G 06Feb2024.ttl

Last Data Update 03:57:48 PM, Wednesday, July 24, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5198.876	48.89	7.37	-25.11	74	400	199
6500.799	51.98	10.92	-22.02	74	256	216
8357.045	49.23	15.66	-24.77	74	388	267
9758.868	50.35	19.14	-23.65	74	186	336
12358.32	52.84	25.91	-21.16	74	325	359
15949.18	48.52	30.9	-25.48	74	179	243
16586.93	46.11	33.48	-27.89	74	194	227
16686.81	48.45	33.61	-25.55	74	400	187

Average

Freq. (MHz)	Final AVG (dBµV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Ant. Height (cm)	Azimuth (deg.)
5198.876	37.73	0.0	7.37	-16.27	54	400	199
6500.799	41.49	0.0	10.92	-12.51	54	256	216
8357.045	36.83	0.0	15.66	-17.17	54	388	267
9758.868	37.97	0.0	19.14	-16.03	54	186	336
12358.32	40.77	0.0	25.91	-13.23	54	325	359
15949.18	35.63	0.0	30.9	-18.37	54	179	243
16586.93	33.3	0.0	33.48	-20.7	54	194	227
16686.81	36.12	0.0	33.61	-17.88	54	400	187

1 to 18 GHz High Channel – 5240MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

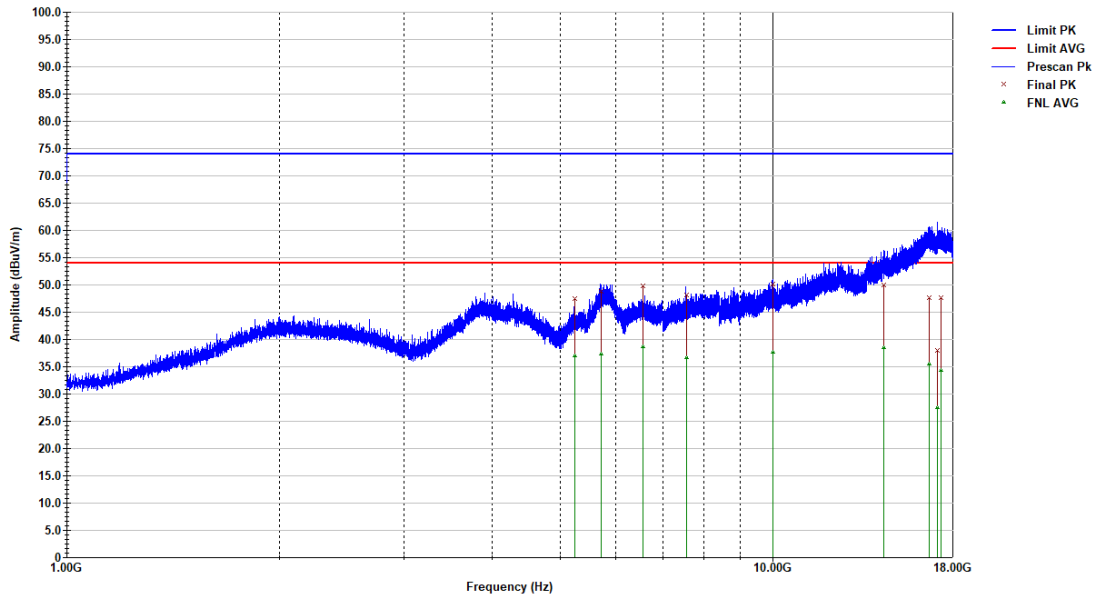
Test Mode - TX, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5240 MHz, 802.11a NOHT, 12 MByte, pwr 66



5240 12 66 RECISPR SW1A NC 3117 w lambda Ina AVG 1G-18G 06Feb2024.ttl

Last Data Update 05:33:02 PM, Wednesday, July 24, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5243.454	47.45	7.41	-26.55	74	163	185
5715.976	48.83	9.15	-25.17	74	240	112
6552.249	49.85	11.11	-24.15	74	209	245
7542.88	48.15	13.61	-25.85	74	270	77
10015.493	50.11	19.64	-23.89	74	150	121
14385.874	50.02	27.14	-23.98	74	333	160
16674.589	47.7	33.62	-26.3	74	194	236
17137.012	37.97	32.78	-36.03	74	400	340
17337.48	47.6	32.42	-26.4	74	293	241

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5243.454	36.94	0.0	7.41	-17.06	54	163	185
5715.976	37.33	0.0	9.15	-16.67	54	240	112
6552.249	38.66	0.0	11.11	-15.34	54	209	245
7542.88	36.62	0.0	13.61	-17.38	54	270	77
10015.493	37.71	0.0	19.64	-16.29	54	150	121
14385.874	38.5	0.0	27.14	-15.5	54	333	160
16674.589	35.52	0.0	33.62	-18.48	54	194	236
17137.012	27.54	0.0	32.78	-26.46	54	400	340
17337.48	34.33	0.0	32.42	-19.67	54	293	241

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

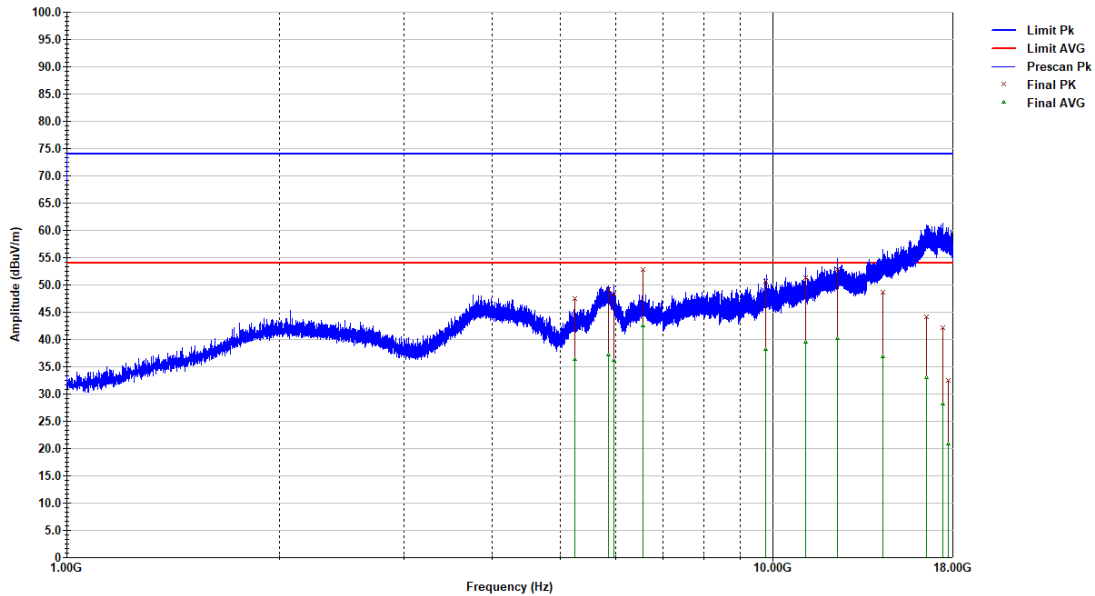
Test Mode - TX, 6 GHz HPF

Operator - AG

Vertical AVG

Standard - FCC 15.407

Comments - 5240 MHz, 802.11a NOHT, 12 MByte, pwr 66



5240 12 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 05:06:16 PM, Wednesday, July 24, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5241.355	47.52	7.41	-26.48	74	156	175
5849.451	49.09	9.55	-24.91	74	326	286
5950.476	48.33	10.03	-25.67	74	187	232
6549.174	52.84	11.1	-21.16	74	179	197
9784.681	50.7	19.18	-23.3	74	171	303
11136.801	51.24	22.65	-22.76	74	389	93
12361.667	52.75	25.91	-21.25	74	179	28
14334.853	48.73	27.14	-25.27	74	225	110
16524.242	44.21	33.21	-29.79	74	389	139
17410.575	42.08	32.24	-31.92	74	171	54
17724.607	32.42	31.91	-41.58	74	233	263

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5241.355	36.27	0.0	7.41	-17.73	54	156	175
5849.451	37.14	0.0	9.55	-16.86	54	326	286
5950.476	36.24	0.0	10.03	-17.76	54	187	232
6549.174	42.42	0.0	11.1	-11.58	54	179	197
9784.681	38.17	0.0	19.18	-15.83	54	171	303
11136.801	39.45	0.0	22.65	-14.55	54	389	93
12361.667	40.22	0.0	25.91	-13.78	54	179	28
14334.853	36.88	0.0	27.14	-17.12	54	225	110
16524.242	32.91	0.0	33.21	-21.09	54	389	139
17410.575	28.23	0.0	32.24	-25.77	54	171	54
17724.607	20.78	0.0	31.91	-33.22	54	233	263

UNII1: 802.11n20

30 to 1000 MHz Mid Channel – 5200MHz - both chains transmitting

Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal QP

Customer / Model # - Alarm.Com / V730

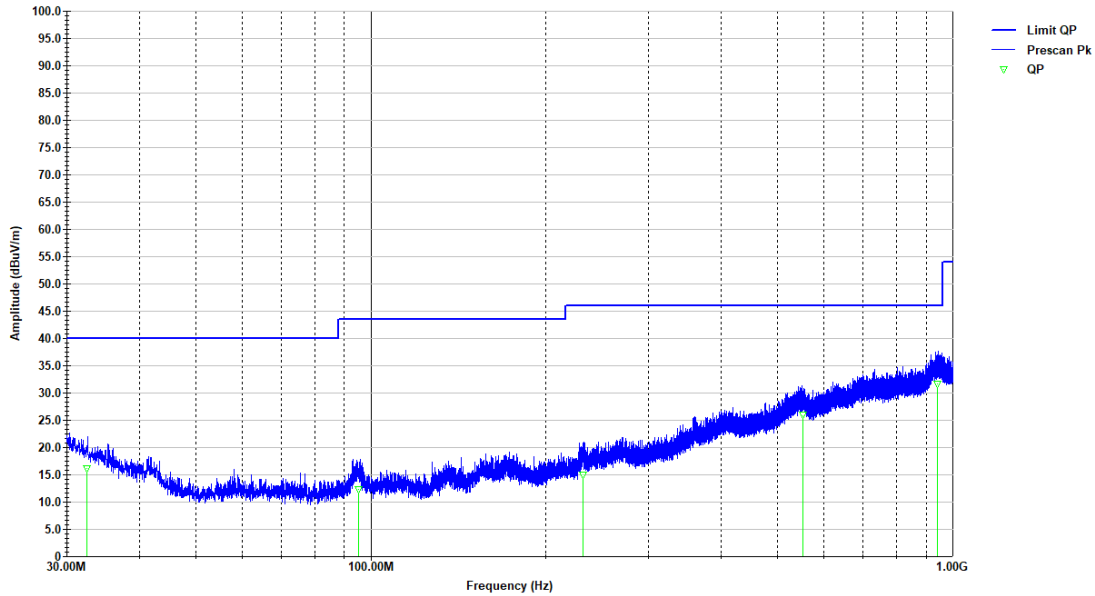
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5200MHz, 802.11n HT20, mcs2, pwr 66



5200 mcs2 66 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 07:18:28 PM, Thursday, August 08, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
32.492	16.22	-22.67	-23.78	40	319	309
95.245	12.28	-29.99	-31.24	43.52	347	190
231.391	14.93	-25.5	-31.09	46.02	232	380
552.019	25.92	-13.83	-20.1	46.02	400	289
941.904	31.69	-8.3	-14.33	46.02	288	380

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical QP

Customer / Model # - Alarm.Com / VT30

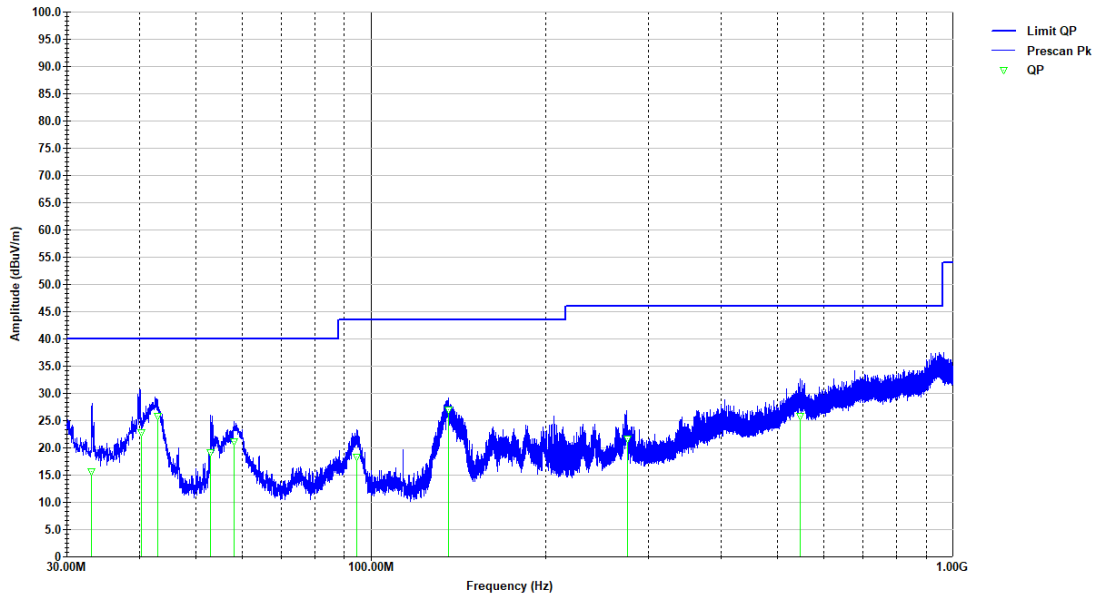
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5200MHz, 802.11n HT20, mcs2, pwr 66



5200 mcs2 66 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 07:04:46 PM, Thursday, August 08, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
33.023	15.62	-22.98	-24.38	40	321	33
40.253	22.78	-27.12	-17.22	40	100	44
42.962	25.75	-28.45	-14.25	40	100	351
52.958	19.18	-30.67	-20.82	40	114	19
58.116	21.11	-30.47	-18.89	40	100	210
94.35	18.3	-30.03	-25.22	43.52	138	296
135.917	27.02	-29.56	-16.5	43.52	100	273
276.004	21.68	-23.76	-24.34	46.02	100	275
547.488	25.8	-13.93	-20.22	46.02	210	377

1 to 18 GHz Low Channel – 5180MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

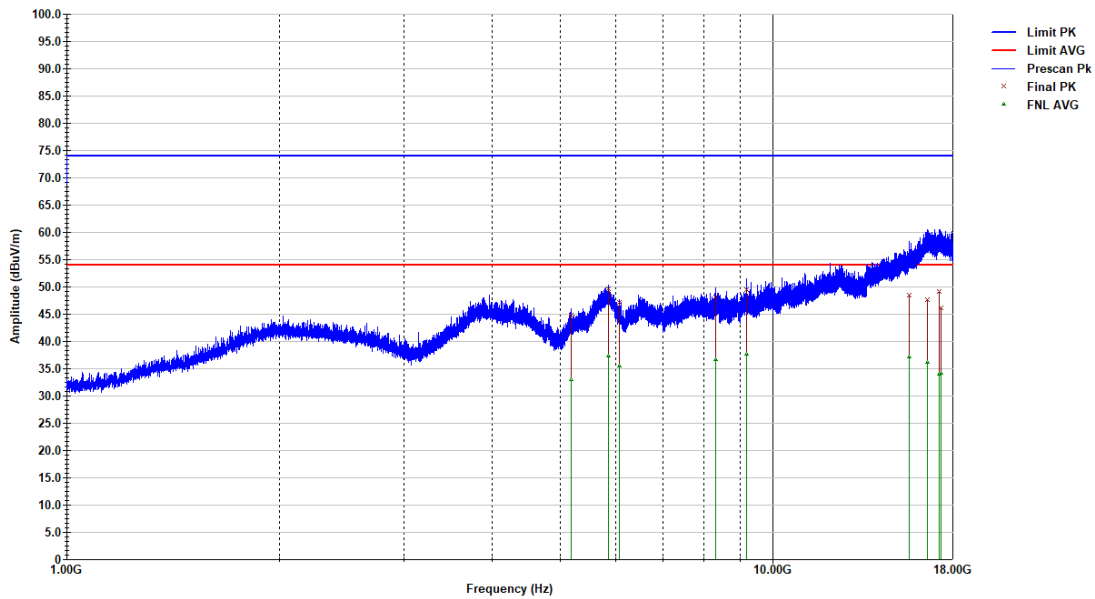
Test Mode - TX, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5180MHz, 802.11n HT20, mcs7, pwr 59



5180 mcs7 59 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 10:40:41 AM, Thursday, July 25, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5184.732	44.84	7.34	-29.16	74	356	277
5851.925	49.63	9.57	-24.37	74	194	192
6071.091	47.15	10.07	-26.85	74	155	351
8313.695	48.17	15.63	-25.83	74	302	262
9174.586	49.56	17.47	-24.44	74	356	186
15611.24	48.54	29.92	-25.46	74	400	44
16585.89	47.68	33.47	-26.32	74	225	258
17237.26	49.12	32.7	-24.88	74	302	370
17311.66	46.13	32.49	-27.87	74	163	380

Average

Freq. (MHz)	Final AVG (dBµV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Ant. Height (cm)	Azimuth (deg.)
5184.732	32.9	0.0	7.34	-21.1	54	356	277
5851.925	37.3	0.0	9.57	-16.7	54	194	192
6071.091	35.55	0.0	10.07	-18.45	54	155	351
8313.695	36.69	0.0	15.63	-17.31	54	302	262
9174.586	37.7	0.0	17.47	-16.3	54	356	186
15611.24	37.16	0.0	29.92	-16.84	54	400	44
16585.89	36.24	0.0	33.47	-17.76	54	225	258
17237.26	34.06	0.0	32.7	-19.94	54	302	370
17311.66	34.1	0.0	32.49	-19.9	54	163	380

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

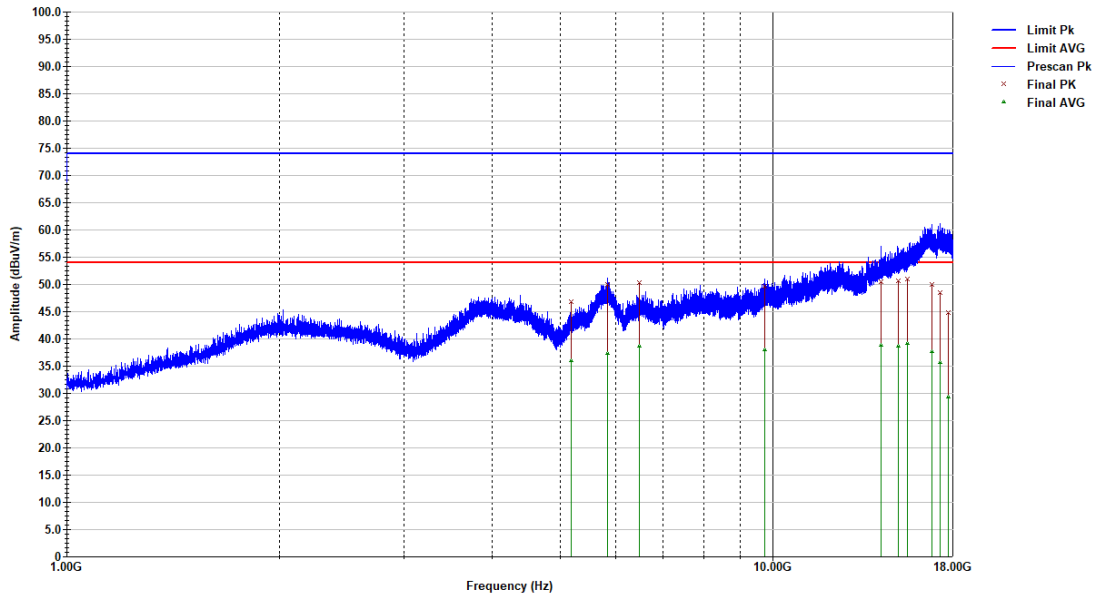
Test Mode - TX, 6 GHz HPF

Vertical AVG

Operator - AG

Standard - FCC 15.407

Comments - 5180MHz, 802.11n HT20, mcs7, pwr 59



5180 mcs7 59 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 10:11:17 AM, Thursday, July 25, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5178.011	46.81	7.33	-27.19	74	350	126
5837.63	49.93	9.47	-24.07	74	194	325
6476.613	50.25	10.86	-23.75	74	373	205
9756.948	49.7	19.13	-24.3	74	241	313
14258.29	50.53	27.05	-23.47	74	150	182
15047.05	50.69	28.51	-23.31	74	319	325
15524.34	51	29.73	-23	74	400	46
16799.6	50.07	33.54	-23.93	74	351	170
17286.56	48.52	32.55	-25.48	74	335	170
17749.55	44.78	31.88	-29.22	74	171	304

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5178.011	35.99	0.0	7.33	-18.01	54	350	126
5837.63	37.3	0.0	9.47	-16.7	54	194	325
6476.613	38.65	0.0	10.86	-15.35	54	373	205
9756.948	38.07	0.0	19.13	-15.93	54	241	313
14258.29	38.76	0.0	27.05	-15.24	54	150	182
15047.05	38.72	0.0	28.51	-15.28	54	319	325
15524.34	39.15	0.0	29.73	-14.85	54	400	46
16799.6	37.62	0.0	33.54	-16.38	54	351	170
17286.56	35.67	0.0	32.55	-18.33	54	335	170
17749.55	29.33	0.0	31.88	-24.67	54	171	304

Lower band edge falling to restricted band Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

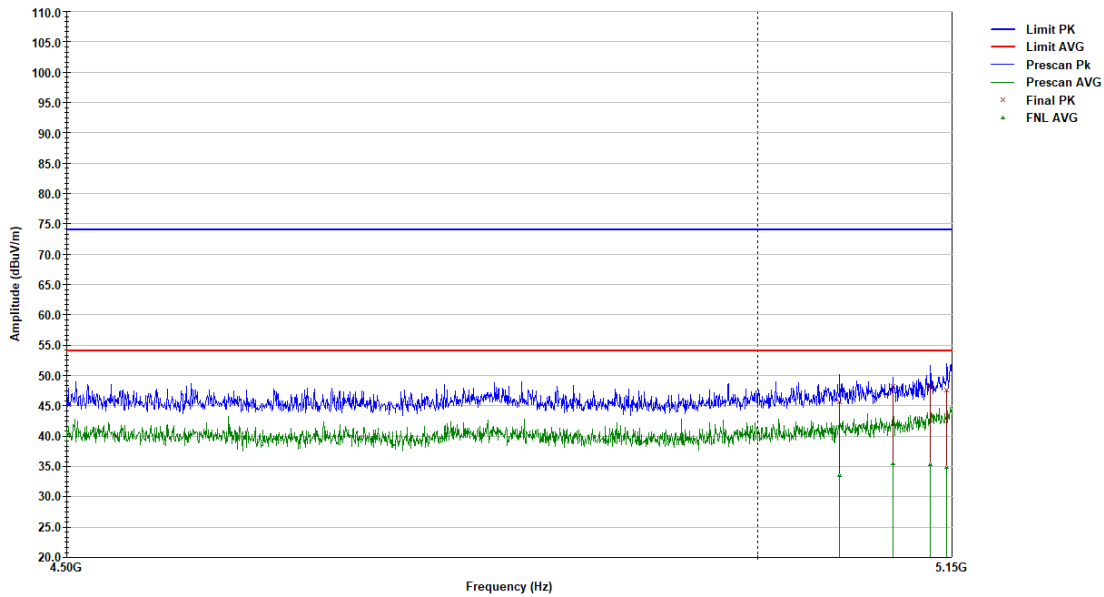
Test Mode - Tx mode, Lower Band-Edge

Horizontal AVG

Operator - AG

Standard - FCC Class B

Comments - 5180MHz, 802.11n HT20, pwr 59, mcs7



5180 mcs7 59 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 06:04:20 AM, Tuesday, August 20, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5062.575	45.64	6.47	-28.36	74	271	231
5103.8	48.17	6.83	-25.83	74	371	47
5133.125	48.24	7.08	-25.76	74	286	134
5145.875	47.55	7.18	-26.45	74	255	197

Average

Freq. (MHz)	Final AVG (dBuV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5062.575	33.5	0.0	6.47	-20.5	54	271	231
5103.8	35.48	0.0	6.83	-18.52	54	371	47
5133.125	35.27	0.0	7.08	-18.73	54	286	134
5145.875	34.79	0.0	7.18	-19.21	54	255	197

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

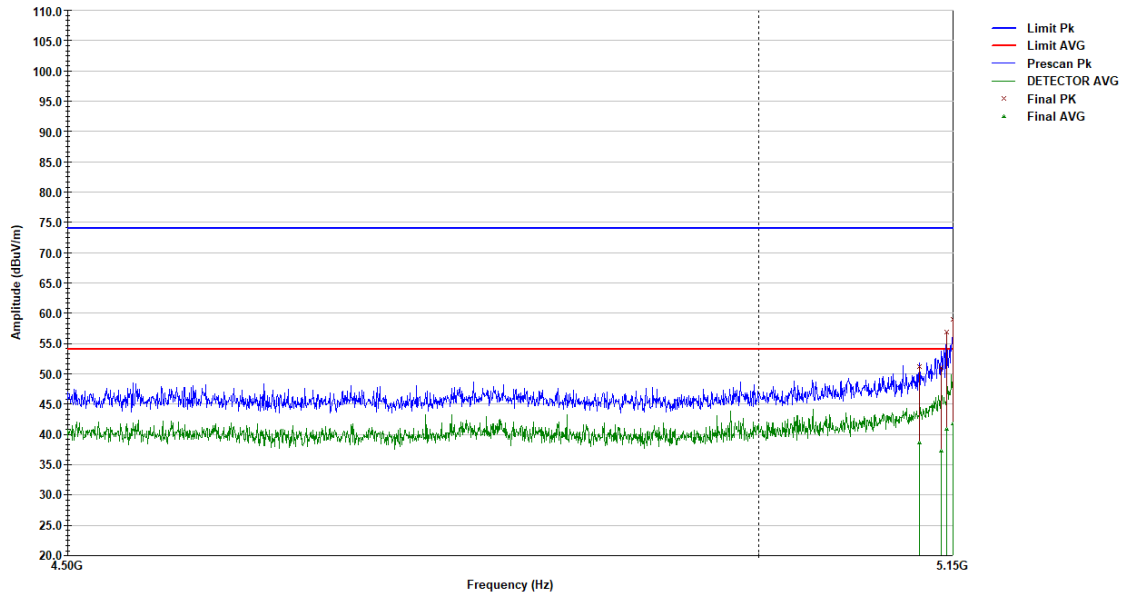
Test Mode - Tx mode, Lower Band-Edge

Vertical AVG

Operator - AG

Standard - FCC Class B

Comments - 5180MHz, 802.11n HT20, pwr 59, mcs7



5180 mcs7 59 RE Lower Band-Edge_3117 2042.til

Last Data Update 05:54:07 AM, Tuesday, August 20, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5123.35	51.13	7.01	-22.87	74	150	158
5140.775	51.1	7.14	-22.9	74	280	-20
5145.025	56.95	7.17	-17.05	74	210	150
5149.7	59.03	7.21	-14.97	74	381	147

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5123.35	38.59	0.0	7.01	-15.41	54	150	158
5140.775	37.29	0.0	7.14	-16.71	54	280	-20
5145.025	40.83	0.0	7.17	-13.17	54	210	150
5149.7	41.8	0.0	7.21	-12.2	54	381	147

1 to 18 GHz Mid Channel – 5200MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

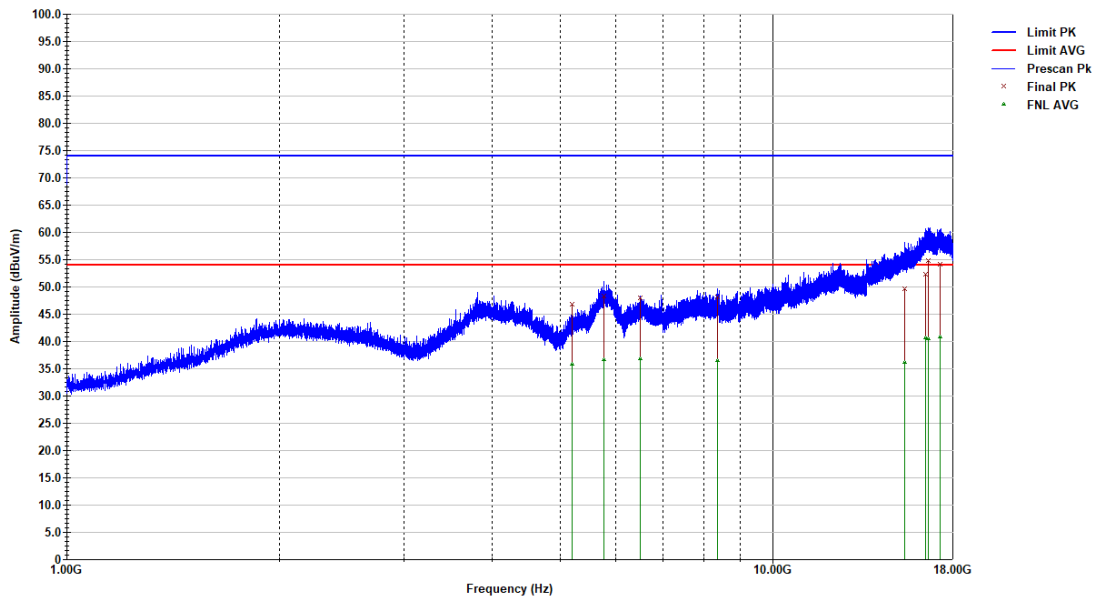
Test Mode - TX, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5200MHz, 802.11n HT20, mcs2, pwr 66



5200 mcs2 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 12:02:00 PM, Thursday, July 25, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5203.726	46.79	7.37	-27.21	74	394	193
5764.844	48.26	9.15	-25.74	74	371	38
6495.551	47.99	10.91	-26.01	74	178	186
8349.125	48.12	15.66	-25.88	74	209	274
15385.5	49.7	29.4	-24.3	74	400	4
16460.67	52.39	32.92	-21.61	74	150	138
16598.47	54.76	33.53	-19.24	74	150	297
17260.92	54.19	32.63	-19.81	74	255	226

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5203.726	35.89	0.0	7.37	-18.11	54	394	193
5764.844	36.59	0.0	9.15	-17.41	54	371	38
6495.551	36.77	0.0	10.91	-17.23	54	178	186
8349.125	36.45	0.0	15.66	-17.55	54	209	274
15385.5	36.22	0.0	29.4	-17.78	54	400	4
16460.67	40.61	0.0	32.92	-13.39	54	150	138
16598.47	40.57	0.0	33.53	-13.43	54	150	297
17260.92	40.76	0.0	32.63	-13.24	54	255	226

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

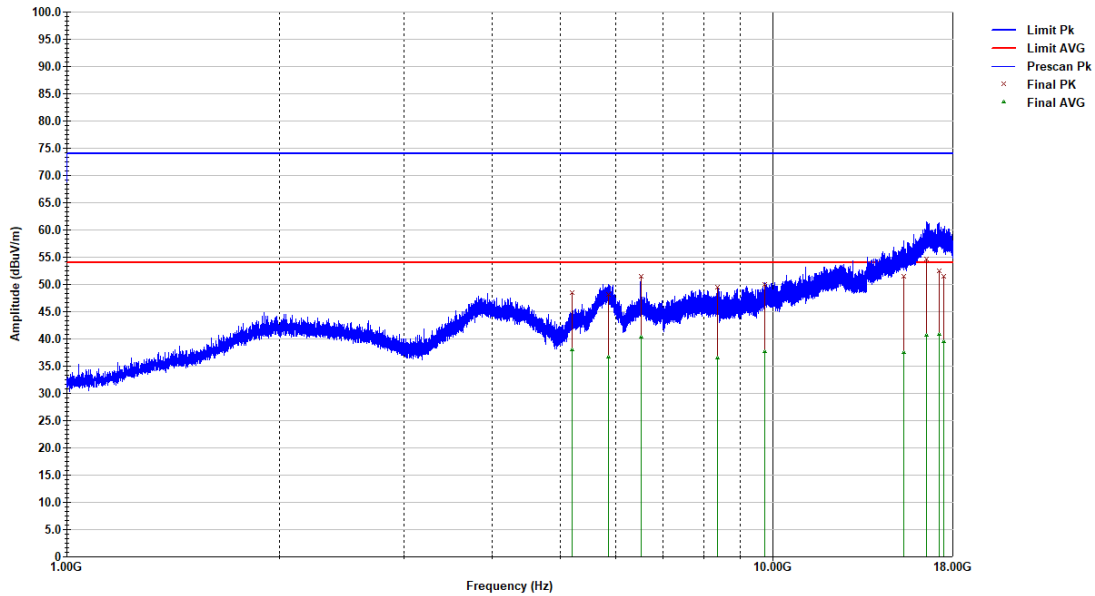
Test Mode - TX, 6 GHz HPF

Operator - AG

Vertical AVG

Standard - FCC 15.407

Comments - 5200MHz, 802.11n HT20, mcs2, pwr 66



5200 mcs2 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 11:32:11 AM, Thursday, July 25, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5198.626	48.51	7.37	-25.49	74	150	194
5843.903	48.22	9.51	-25.78	74	150	288
6504.974	51.46	10.94	-22.54	74	218	204
8346.129	49.49	15.66	-24.51	74	295	34
9749.773	49.97	19.09	-24.03	74	225	-10
15339.55	51.54	29.27	-22.46	74	279	349
16537.43	54.66	33.26	-19.34	74	202	25
17207.13	52.47	32.79	-21.53	74	400	-20
17498.82	51.55	32.12	-22.45	74	400	99

Average

Freq. (MHz)	Final AVG (dBµV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Ant. Height (cm)	Azimuth (deg.)
5198.626	38.03	0.0	7.37	-15.97	54	150	194
5843.903	36.72	0.0	9.51	-17.28	54	150	288
6504.974	40.32	0.0	10.94	-13.68	54	218	204
8346.129	36.47	0.0	15.66	-17.53	54	295	34
9749.773	37.63	0.0	19.09	-16.37	54	225	-10
15339.55	37.42	0.0	29.27	-16.58	54	279	349
16537.43	40.66	0.0	33.26	-13.34	54	202	25
17207.13	40.86	0.0	32.79	-13.14	54	400	-20
17498.82	39.44	0.0	32.12	-14.56	54	400	99

1 to 18 GHz High Channel – 5240MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

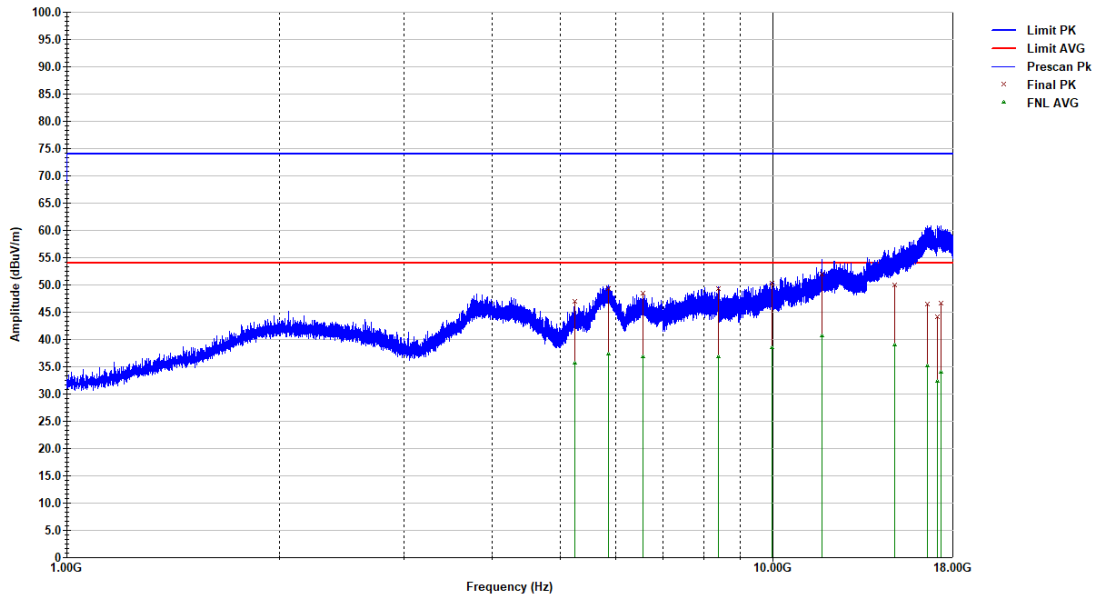
Test Mode - TX, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC Class B

Comments - 5240MHz, 802.11n HT20, mcs2, pwr 66



5240 mcs2 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 01:22:06 PM, Thursday, July 25, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5243.696	47.07	7.41	-26.93	74	224	175
5845.578	49.32	9.53	-24.68	74	186	23
6556.221	48.48	11.13	-25.52	74	203	186
8381.833	49.34	15.67	-24.66	74	217	263
9983.559	50.35	19.61	-23.65	74	150	226
11737.23	52.07	24.71	-21.93	74	356	307
14899.5	50.02	28.23	-23.98	74	155	182
16549.33	46.48	33.31	-27.52	74	150	229
17112.25	44.1	32.77	-29.9	74	150	311
17312.29	46.72	32.48	-27.28	74	271	211

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5243.696	35.7	0.0	7.41	-18.3	54	224	175
5845.578	37.32	0.0	9.53	-16.68	54	186	23
6556.221	36.82	0.0	11.13	-17.18	54	203	186
8381.833	36.9	0.0	15.67	-17.1	54	217	263
9983.559	38.48	0.0	19.61	-15.52	54	150	226
11737.23	40.66	0.0	24.71	-13.34	54	356	307
14899.5	39.06	0.0	28.23	-14.94	54	155	182
16549.33	35.12	0.0	33.31	-18.88	54	150	229
17112.25	32.3	0.0	32.77	-21.7	54	150	311
17312.29	34.04	0.0	32.48	-19.96	54	271	211

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

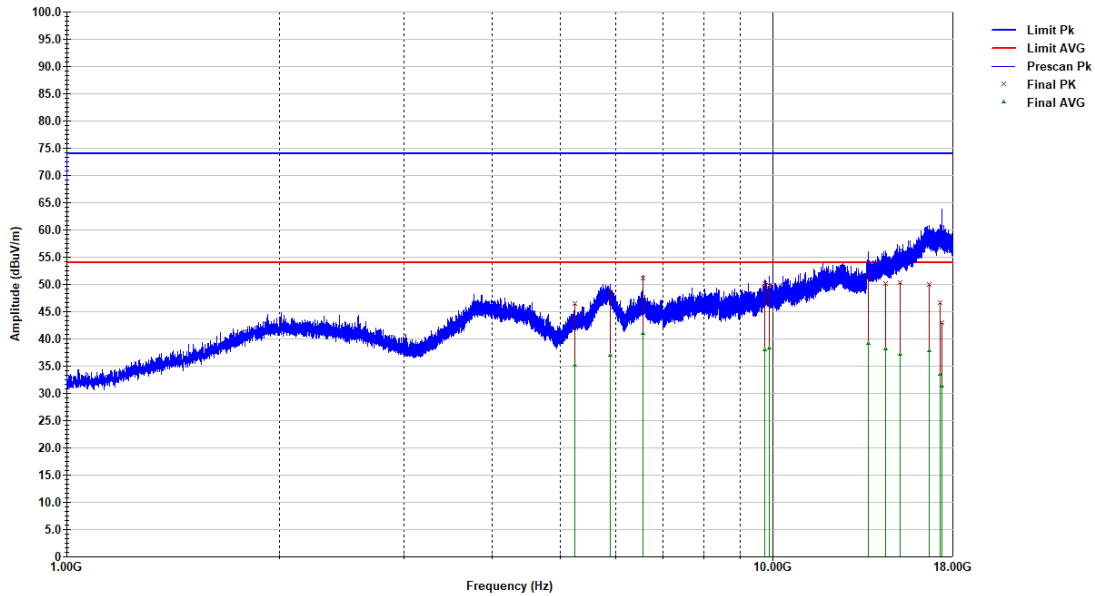
Test Mode - TX, 6 GHz HPF

Operator - AG

Vertical AVG

Standard - FCC Class B

Comments - 5240MHz, 802.11n HT20, mcs2, pwr 66



5240 mcs2 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 12:50:34 PM, Thursday, July 25, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5244.546	46.52	7.41	-27.48	74	150	187
5888.879	48.58	9.81	-25.42	74	400	299
6553.65	51.11	11.12	-22.89	74	178	215
9735.981	50.08	19.01	-23.92	74	150	187
9883.486	49.79	19.13	-24.21	74	380	332
13659.93	51.25	26.35	-22.75	74	400	4
14436.91	50.19	27.24	-23.81	74	156	236
15174.28	50.31	28.78	-23.69	74	326	23
16674.78	49.91	33.62	-24.09	74	256	35
17287.03	46.65	32.55	-27.35	74	233	304
17385.36	43	32.29	-31	74	318	183

Average

Freq. (MHz)	Final AVG (dBµV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Ant. Height (cm)	Azimuth (deg.)
5244.546	35.15	0.0	7.41	-18.85	54	150	187
5888.879	37.07	0.0	9.81	-16.93	54	400	299
6553.65	40.98	0.0	11.12	-13.02	54	178	215
9735.981	38.03	0.0	19.01	-15.97	54	150	187
9883.486	38.35	0.0	19.13	-15.65	54	380	332
13659.93	39.16	0.0	26.35	-14.84	54	400	4
14436.91	38.15	0.0	27.24	-15.85	54	156	236
15174.28	37.13	0.0	28.78	-16.87	54	326	23
16674.78	37.9	0.0	33.62	-16.1	54	256	35
17287.03	33.52	0.0	32.55	-20.48	54	233	304
17385.36	31.3	0.0	32.29	-22.7	54	318	183

UNII1: 802.11n40

30 to 1000 MHz
High Channel – 5230MHz - both chains transmitting
Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Customer / Model # - Alarm.Com / V730

Serial # - N/A

Test Mode - TX

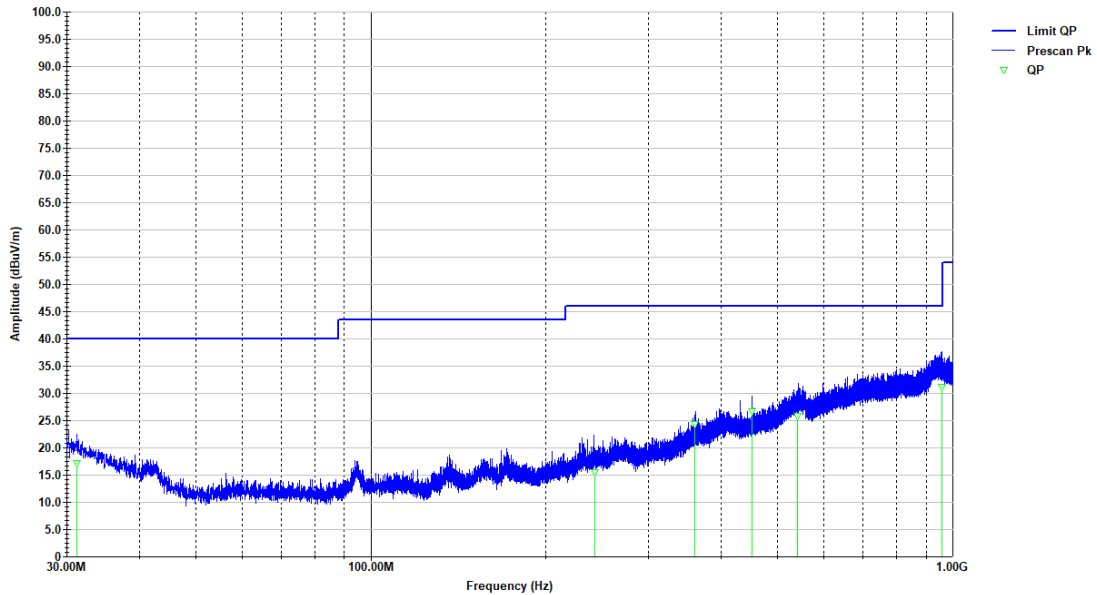
Operator - AG

Standard - FCC 15.407

Comments - 5230MHz, 802.11n HT40, mcs1, pwr 64

Radiated Emissions

Horizontal QP



5230 mcs1 64 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 08:02:02 PM, Thursday, August 08, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
31.236	17.1	-21.91	-22.9	40	350	354
242.559	15.42	-24.64	-30.6	46.02	263	43
360.73	24.28	-20.51	-21.74	46.02	100	226
451.271	26.68	-18.4	-19.34	46.02	101	297
540.063	25.84	-13.91	-20.18	46.02	106	187
959.1	31.22	-8.73	-14.8	46.02	390	332

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical QP

Customer / Model # - Alarm.Com / V730

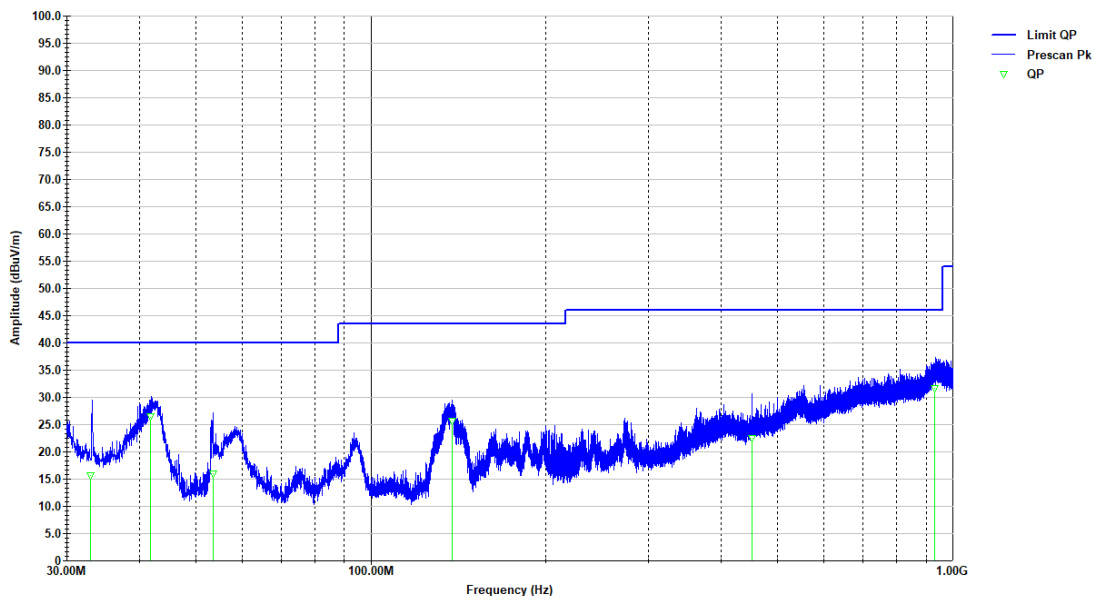
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5230MHz, 802.11n HT40, mcs1, pwr 64



5230 mcs1 64 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 07:47:04 PM, Thursday, August 08, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
32.987	15.7	-22.96	-24.3	40	201	197
41.703	26.42	-27.91	-13.58	40	100	135
53.507	16.03	-30.65	-23.97	40	122	55
137.734	25.59	-29.61	-17.93	43.52	114	248
451.925	22.5	-18.37	-23.52	46.02	313	288
932.074	31.58	-8.44	-14.44	46.02	154	47

1 to 18 GHz Low Channel – 5190MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

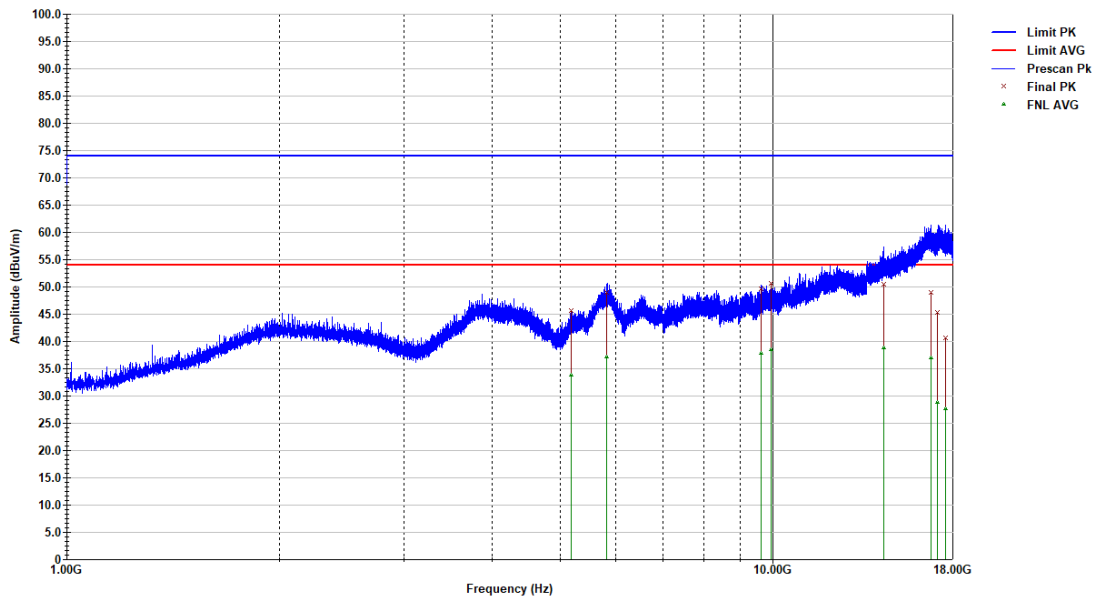
Test Mode - TX, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5190MHz, 802.11n HT40, mcs6, pwr 55



5190 mcs6 55 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 02:30:22 PM, Thursday, July 25, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5188.234	45.62	7.35	-28.38	74	150	183
5824.922	48.9	9.38	-25.1	74	209	289
9631.416	49.61	18.67	-24.39	74	150	64
9959.22	50.65	19.54	-23.35	74	178	178
14373.51	50.57	27.13	-23.43	74	400	315
16760.63	48.97	33.57	-25.03	74	240	333
17137.13	45.29	32.78	-28.71	74	400	60
17599.45	40.65	32.06	-33.35	74	150	149

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5188.234	33.84	0.0	7.35	-20.16	54	150	183
5824.922	37.14	0.0	9.38	-16.86	54	209	289
9631.416	37.86	0.0	18.67	-16.14	54	150	64
9959.22	38.54	0.0	19.54	-15.46	54	178	178
14373.51	38.81	0.0	27.13	-15.19	54	400	315
16760.63	37	0.0	33.57	-17	54	240	333
17137.13	28.8	0.0	32.78	-25.2	54	400	60
17599.45	27.64	0.0	32.06	-26.36	54	150	149

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

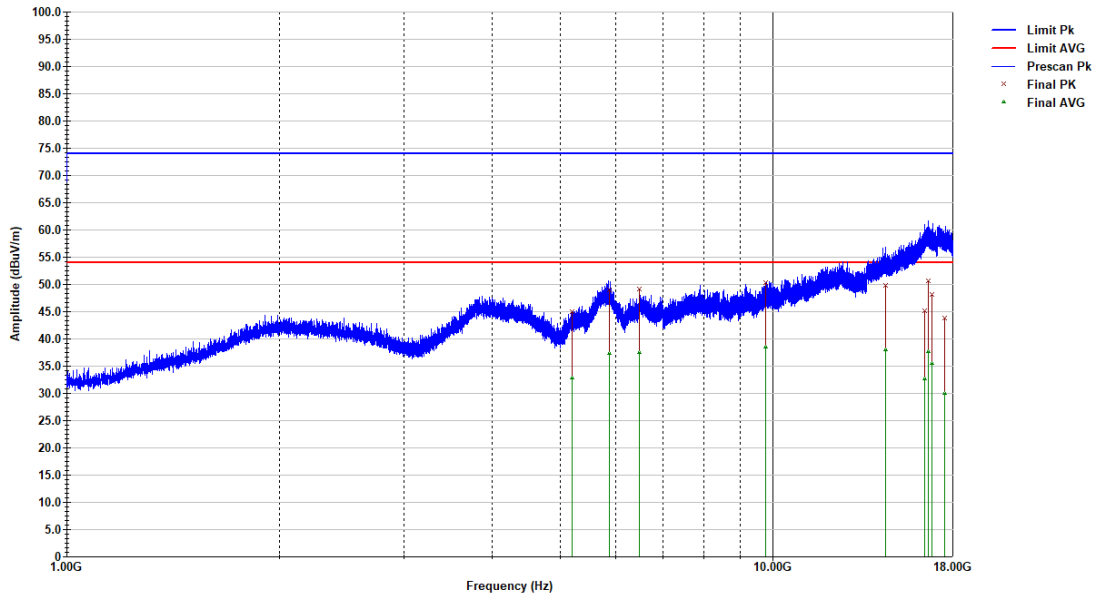
Test Mode - TX, 6 GHz HPF

Operator - AG

Vertical AVG

Standard - FCC 15.407

Comments - 5190MHz, 802.11n HT40, mcs6, pwr 55



5190 mcs6 55 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 02:03:38 PM, Thursday, July 25, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5197.626	45.02	7.36	-28.98	74	256	168
5863.841	48.91	9.65	-25.09	74	241	240
6477.502	49.12	10.86	-24.88	74	163	162
9786.608	50.39	19.18	-23.61	74	150	306
14459.83	49.86	27.3	-24.14	74	241	243
16424.51	45.1	32.76	-28.9	74	400	113
16599.04	50.69	33.53	-23.31	74	341	307
16837.1	48.14	33.51	-25.86	74	326	189
17549.54	43.86	32.09	-30.14	74	304	175

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5197.626	32.76	0.0	7.36	-21.24	54	256	168
5863.841	37.33	0.0	9.65	-16.67	54	241	240
6477.502	37.54	0.0	10.86	-16.46	54	163	162
9786.608	38.44	0.0	19.18	-15.56	54	150	306
14459.83	38.05	0.0	27.3	-15.95	54	241	243
16424.51	32.69	0.0	32.76	-21.31	54	400	113
16599.04	37.74	0.0	33.53	-16.26	54	341	307
16837.1	35.48	0.0	33.51	-18.52	54	326	189
17549.54	30.01	0.0	32.09	-23.99	54	304	175

Lower band edge falling to restricted band Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

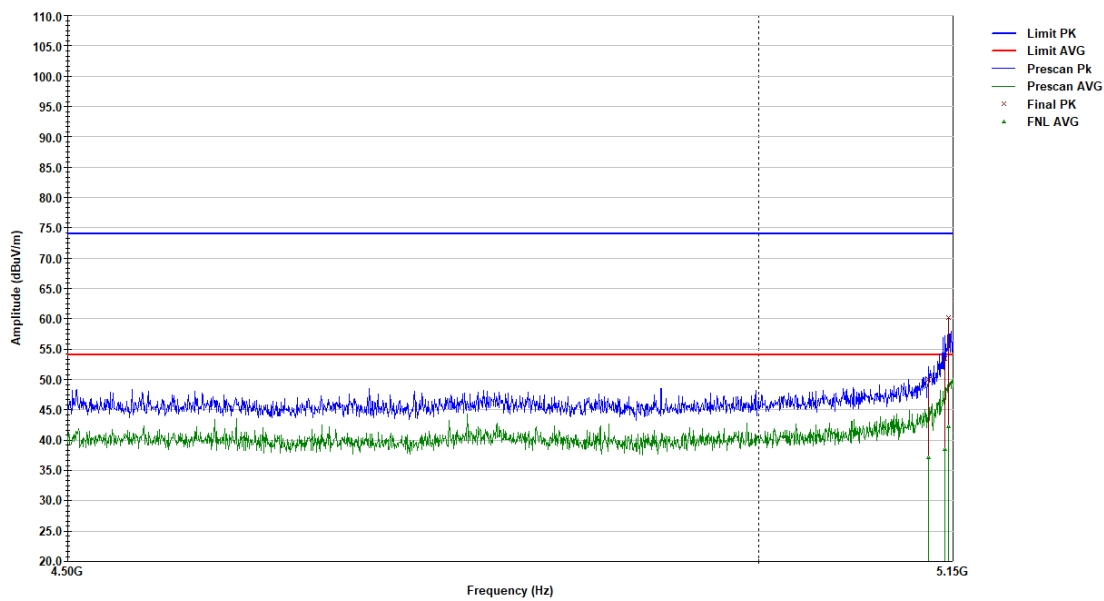
Test Mode - Tx mode, Lower Band-Edge

Horizontal AVG

Operator - AG

Standard - FCC Class B

Comments - 5190MHz, 802.11n HT40, pwr 55, mcs6



5190 mcs6 55 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 06:49:41 AM, Tuesday, August 20, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5131	49.95	7.07	-24.05	74	387	134
5143.325	53.37	7.16	-20.63	74	190	197
5146.725	60.19	7.19	-13.81	74	209	134
5151.4	63.22	7.22	-10.78	74	155	197

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5131	37.11	0.0	7.07	-16.89	54	387	134
5143.325	38.4	0.0	7.16	-15.6	54	190	197
5146.725	42.24	0.0	7.19	-11.76	54	209	134
5151.4	41.27	0.0	7.22	-12.73	54	155	197

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

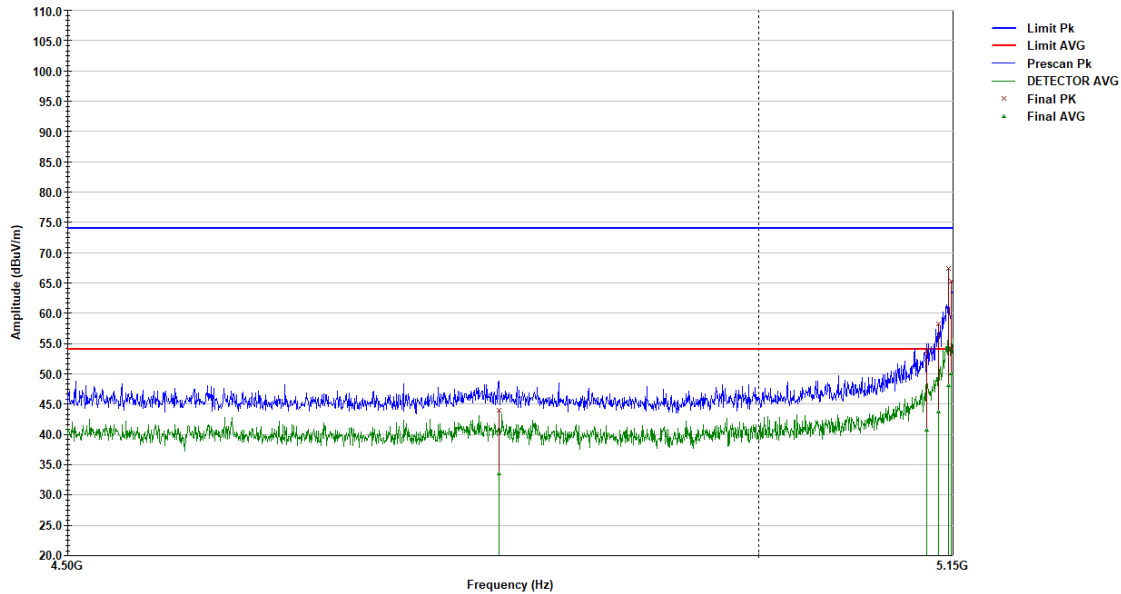
Test Mode - Tx mode, Lower Band-Edge

Vertical AVG

Operator - AG

Standard - FCC Class B

Comments - 5190MHz, 802.11n HT40, pwr 55, mcs6



5190 mcs6 55 RE Lower Band-Edge_3117 2042.til

Last Data Update 06:39:02 AM, Tuesday, August 20, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
4805.45	44.03	6.65	-29.97	74	400	80
5129.725	53.7	7.06	-20.3	74	302	103
5138.65	58.19	7.12	-15.81	74	380	71
5146.725	67.33	7.19	-6.67	74	264	46
5148.85	65.24	7.2	-8.76	74	400	256

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
4805.45	33.51	0.0	6.65	-20.49	54	400	80
5129.725	40.67	0.0	7.06	-13.33	54	302	103
5138.65	43.74	0.0	7.12	-10.26	54	380	71
5146.725	47.98	0.0	7.19	-6.02	54	264	46
5148.85	50.03	0.0	7.2	-3.97	54	400	256

High Channel – 5230MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

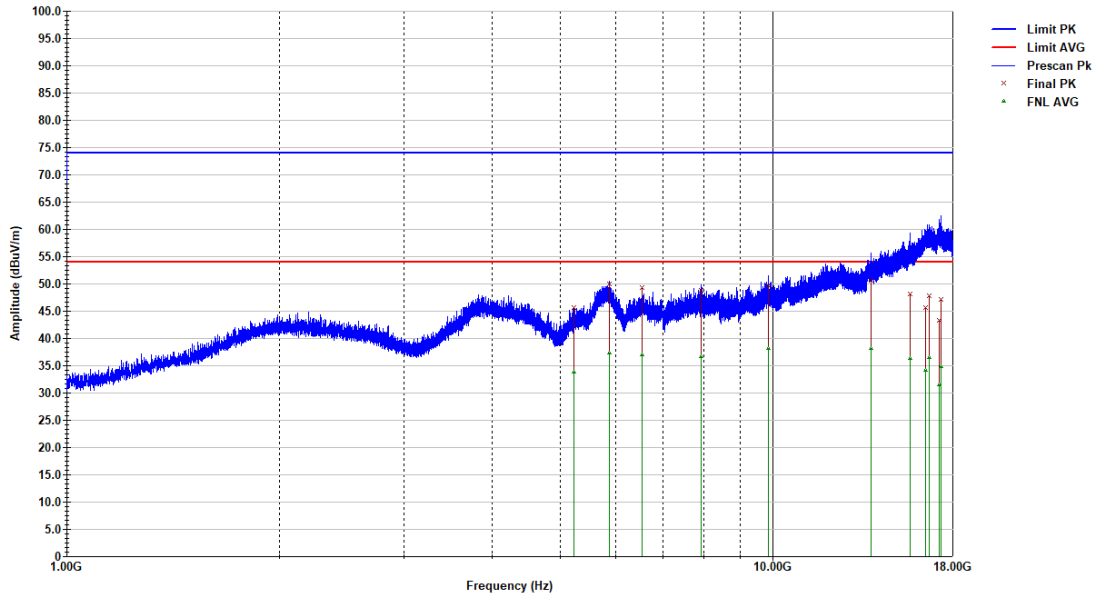
Test Mode - TX, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5230MHz, 802.11n HT40, mcs1, pwr 64



5230 mcs1 64 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024 - Copy.tif

Last Data Update 03:51:27 PM, Thursday, July 25, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5230.885	45.58	7.4	-28.42	74	317	219
5875.368	50.01	9.73	-23.99	74	155	189
6539.207	49.27	11.06	-24.73	74	379	287
7910.069	48.89	14.7	-25.11	74	232	11
9855.399	49.65	19.07	-24.35	74	178	344
13786.56	50.61	26.39	-23.39	74	202	38
15648.21	48.23	30	-25.77	74	163	252
16473.63	45.65	32.98	-28.35	74	400	289
16662.12	47.81	33.62	-26.19	74	264	74
17223.97	43.34	32.74	-30.66	74	332	64
17311.45	47.17	32.49	-26.83	74	325	264

Average

Freq. (MHz)	Final AVG (dBµV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Ant. Height (cm)	Azimuth (deg.)
5230.885	33.82	0.0	7.4	-20.18	54	317	219
5875.368	37.33	0.0	9.73	-16.67	54	155	189
6539.207	37.02	0.0	11.06	-16.98	54	379	287
7910.069	36.64	0.0	14.7	-17.36	54	232	11
9855.399	38.17	0.0	19.07	-15.83	54	178	344
13786.56	38.14	0.0	26.39	-15.86	54	202	38
15648.21	36.28	0.0	30	-17.72	54	163	252
16473.63	34.24	0.0	32.98	-19.76	54	400	289
16662.12	36.55	0.0	33.62	-17.45	54	264	74
17223.97	31.45	0.0	32.74	-22.55	54	332	64
17311.45	34.87	0.0	32.49	-19.13	54	325	264

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

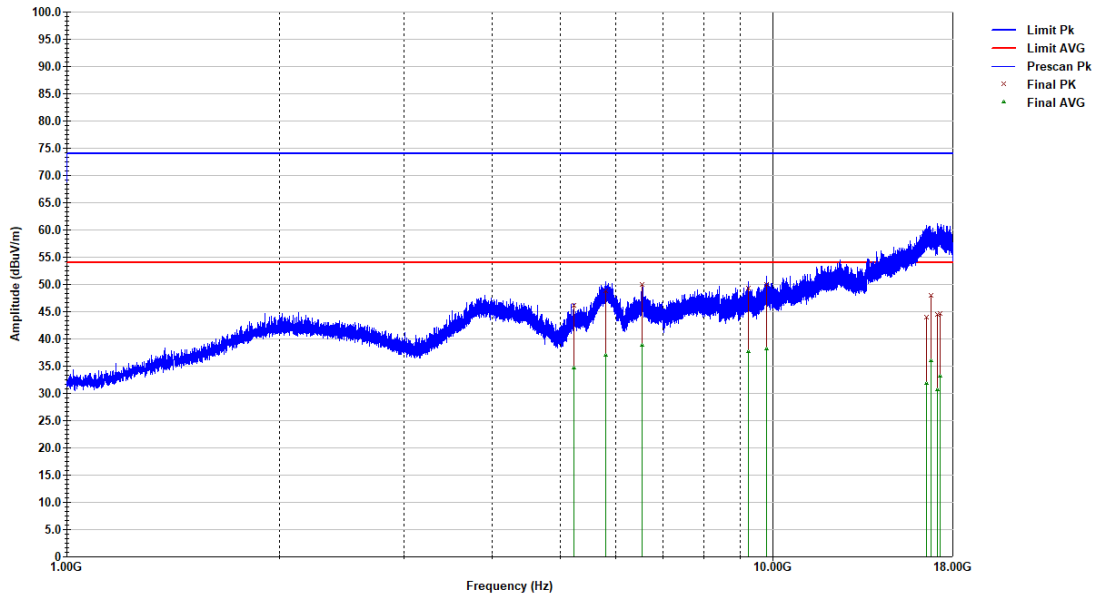
Test Mode - TX, 6 GHz HPF

Operator - AG

Vertical AVG

Standard - FCC 15.407

Comments - 5230MHz, 802.11n HT40, mcs1, pwr 64



5230 mcs1 64 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024 - Copy.tif

Last Data Update 03:21:11 PM, Thursday, July 25, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5232.215	46.19	7.4	-27.81	74	171	147
5809.021	48.83	9.3	-25.17	74	218	364
6527.76	50.02	11.02	-23.98	74	171	168
9243.752	49.32	17.74	-24.68	74	311	61
9799.327	49.93	19.16	-24.07	74	194	148
16523.54	44.05	33.2	-29.95	74	400	255
16773.84	48.04	33.56	-25.96	74	241	164
17123.79	44.41	32.78	-29.59	74	390	201
17249.86	44.59	32.66	-29.41	74	202	380

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5232.215	34.7	0.0	7.4	-19.3	54	171	147
5809.021	37.02	0.0	9.3	-16.98	54	218	364
6527.76	38.87	0.0	11.02	-15.13	54	171	168
9243.752	37.64	0.0	17.74	-16.36	54	311	61
9799.327	38.22	0.0	19.16	-15.78	54	194	148
16523.54	31.78	0.0	33.2	-22.22	54	400	255
16773.84	36.05	0.0	33.56	-17.95	54	241	164
17123.79	30.65	0.0	32.78	-23.35	54	390	201
17249.86	33.16	0.0	32.66	-20.84	54	202	380

UNII1: 802.11ac20

30 to 1000 MHz Mid Channel – 5200MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal QP

Customer / Model # - Alarm.Com / V730

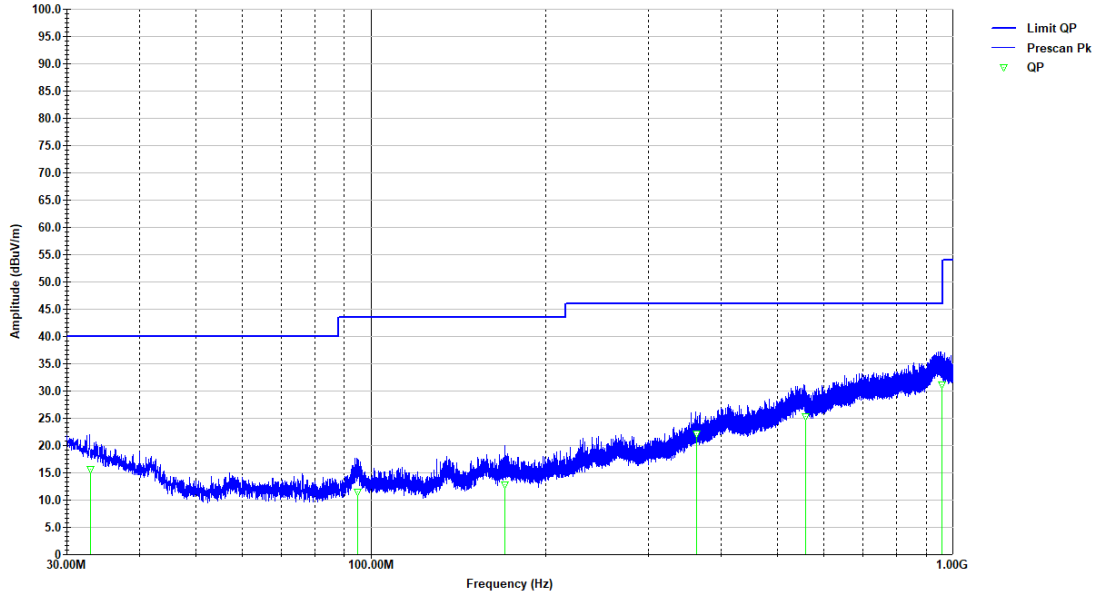
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5200MHz, 802.11ac VHT20, mcs2, pwr 66



5200 mcs2 5850 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 08:58:52 PM, Thursday, August 08, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
32.919	15.7	-22.92	-24.3	40	177	66
94.999	11.43	-30.02	-32.09	43.52	271	142
169.679	12.9	-27.86	-30.62	43.52	255	184
362.71	22.13	-20.46	-23.89	46.02	130	232
558.156	25.3	-14.39	-20.72	46.02	248	-20
957.78	31.19	-8.68	-14.83	46.02	100	135

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical QP

Customer / Model # - Alarm.Com / VT30

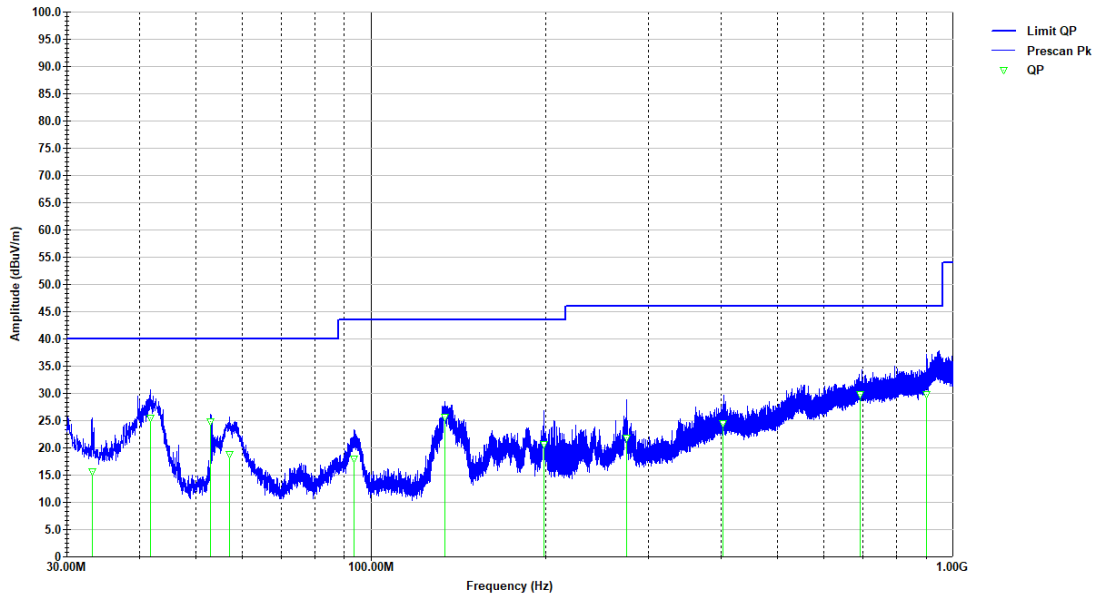
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5200MHz, 802.11ac VHT20, mcs2, pwr 66



5200 mcs2 5850 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 08:43:56 PM, Thursday, August 08, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
33.143	15.63	-23.06	-24.37	40	273	32
41.775	25.54	-27.95	-14.46	40	100	94
53.005	24.77	-30.67	-15.23	40	100	48
57.132	18.89	-30.55	-21.11	40	154	167
93.349	18.01	-30.11	-25.51	43.52	100	21
134.027	25.58	-29.67	-17.94	43.52	100	267
198.457	20.6	-27.15	-22.92	43.52	100	243
274.746	21.85	-23.65	-24.17	46.02	106	300
403.185	24.41	-18.38	-21.61	46.02	100	285
694.246	29.77	-11.72	-16.25	46.02	218	70
900.817	29.85	-10.26	-16.17	46.02	130	211

1 to 18 GHz Low Channel – 5180MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

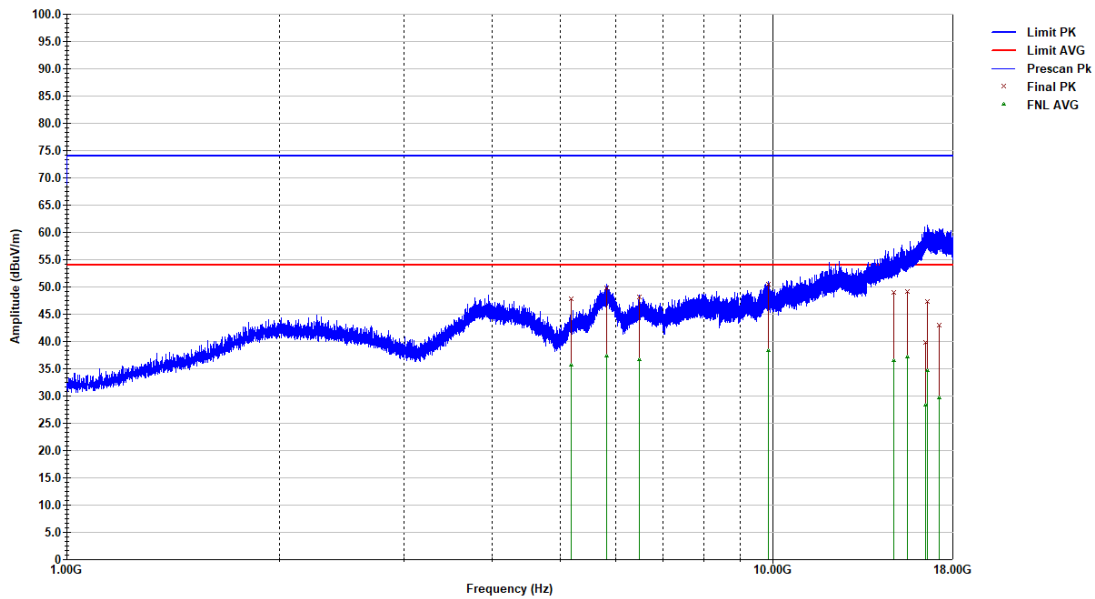
Test Mode - TX, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5180MHz, 802.11ac VHT20, mcs6, pwr 59



5180 mcs6 59 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 05:03:39 PM, Thursday, July 25, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5180.659	47.9	7.33	-26.1	74	332	133
5814.194	49.83	9.32	-24.17	74	348	369
6466.066	48.21	10.82	-25.79	74	340	292
9857.572	50.48	19.07	-23.52	74	194	315
14836.5	49	28.08	-25	74	178	160
15524.58	49.13	29.73	-24.87	74	367	1
16448.45	39.8	32.87	-34.2	74	386	256
16573.84	47.27	33.42	-26.73	74	400	174
17224.81	43.04	32.74	-30.96	74	171	173

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5180.659	35.65	0.0	7.33	-18.35	54	332	133
5814.194	37.27	0.0	9.32	-16.73	54	348	369
6466.066	36.65	0.0	10.82	-17.35	54	340	292
9857.572	38.29	0.0	19.07	-15.71	54	194	315
14836.5	36.52	0.0	28.08	-17.48	54	178	160
15524.58	37.11	0.0	29.73	-16.89	54	367	1
16448.45	28.29	0.0	32.87	-25.71	54	386	256
16573.84	34.75	0.0	33.42	-19.25	54	400	174
17224.81	29.59	0.0	32.74	-24.41	54	171	173

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

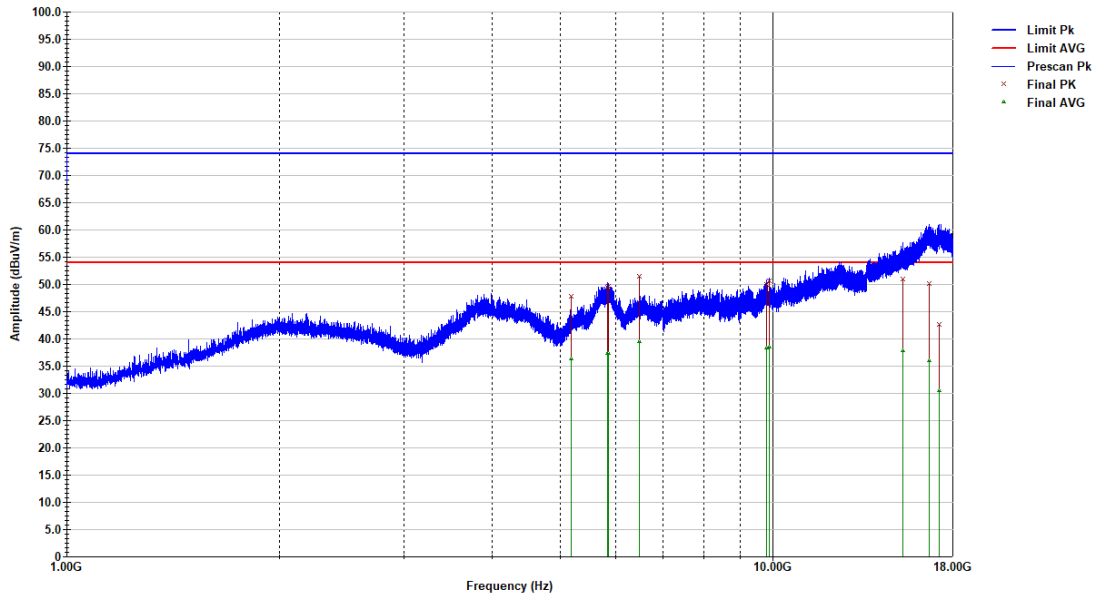
Test Mode - TX, 6 GHz HPF

Operator - AG

Vertical AVG

Standard - FCC 15.407

Comments - 5180MHz, 802.11ac VHT20, mcs6, pwr 59



5180 mcs6 59 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 04:34:26 PM, Thursday, July 25, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5178.135	47.79	7.33	-26.21	74	400	127
5839.757	49.56	9.48	-24.44	74	226	132
5849.876	49.71	9.56	-24.29	74	272	317
6467.241	51.55	10.83	-22.45	74	342	209
9798.026	49.94	19.16	-24.06	74	400	377
9893.455	50.58	19.18	-23.42	74	358	315
15271.19	50.96	29.07	-23.04	74	155	325
16686.08	50.21	33.61	-23.79	74	150	22
17223.31	42.59	32.74	-31.41	74	389	356

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5178.135	36.36	0.0	7.33	-17.64	54	400	127
5839.757	37.26	0.0	9.48	-16.74	54	226	132
5849.876	37.39	0.0	9.56	-16.61	54	272	317
6467.241	39.56	0.0	10.83	-14.44	54	342	209
9798.026	38.27	0.0	19.16	-15.73	54	400	377
9893.455	38.48	0.0	19.18	-15.52	54	358	315
15271.19	37.83	0.0	29.07	-16.17	54	155	325
16686.08	35.94	0.0	33.61	-18.06	54	150	22
17223.31	30.48	0.0	32.74	-23.52	54	389	356

Lower band edge falling to restricted band Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

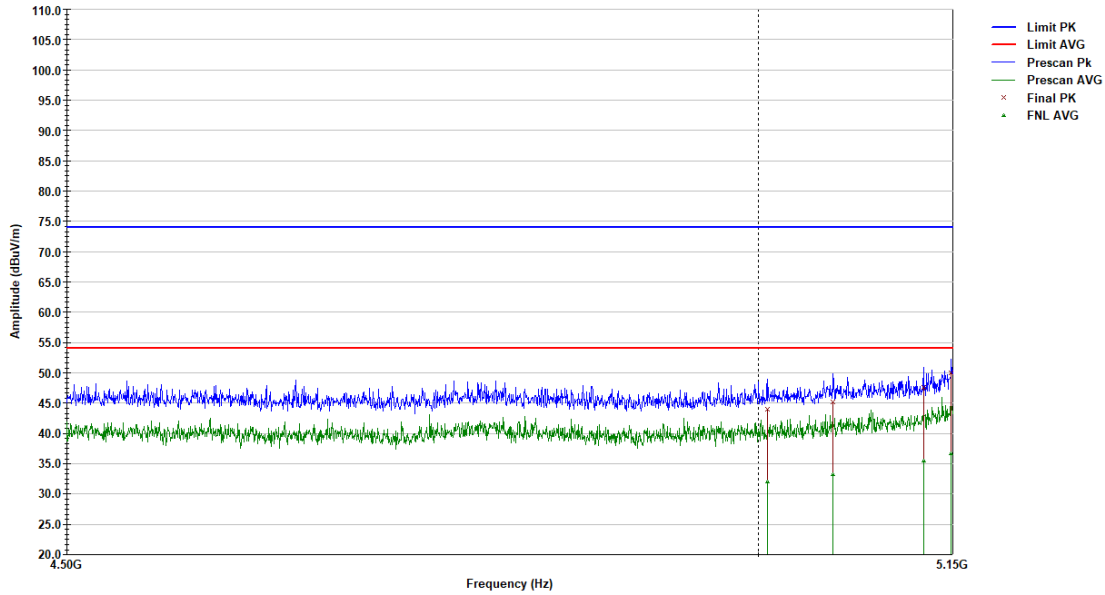
Test Mode - Tx mode, Lower Band-Edge

Horizontal AVG

Operator - AG

Standard - FCC Class B

Comments - 5180MHz, 802.11ac VHT20, pwr 59, mcs6



5180 mcs6 59 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 07:31:41 AM, Tuesday, August 20, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5006.9	44.05	6.33	-29.95	74	171	353
5057.05	45.12	6.45	-28.88	74	287	140
5127.175	47.58	7.04	-26.42	74	309	245
5148.85	49.99	7.2	-24.01	74	400	208

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5006.9	32.03	0.0	6.33	-21.97	54	171	353
5057.05	33.24	0.0	6.45	-20.76	54	287	140
5127.175	35.38	0.0	7.04	-18.62	54	309	245
5148.85	36.59	0.0	7.2	-17.41	54	400	208

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

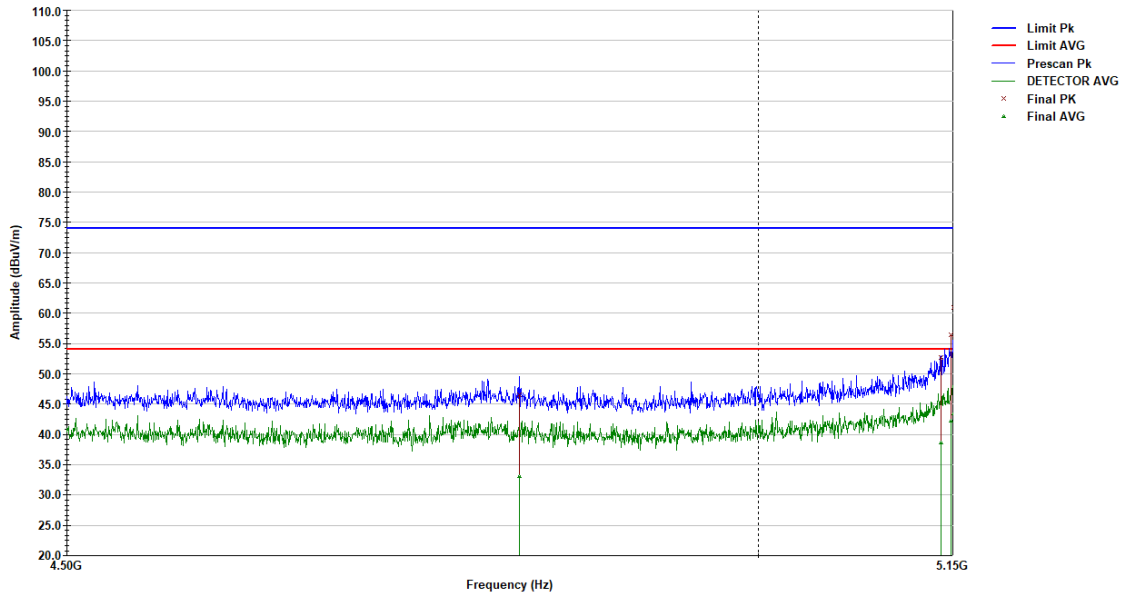
Test Mode - Tx mode, Lower Band-Edge

Vertical AVG

Operator - AG

Standard - FCC Class B

Comments - 5180MHz, 802.11ac VHT20, pwr 59, mcs6



5180 mcs6 59 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 07:15:09 AM, Tuesday, August 20, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
4820.75	46.47	6.85	-27.53	74	263	265
5140.775	52.73	7.14	-21.27	74	150	202
5148.85	56.42	7.2	-17.58	74	210	186
5150.975	60.96	7.22	-13.04	74	156	165

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
4820.75	33.1	0.0	6.85	-20.9	54	263	265
5140.775	38.57	0.0	7.14	-15.43	54	150	202
5148.85	42.24	0.0	7.2	-11.76	54	210	186
5150.975	43.38	0.0	7.22	-10.62	54	156	165

Mid Channel – 5200MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

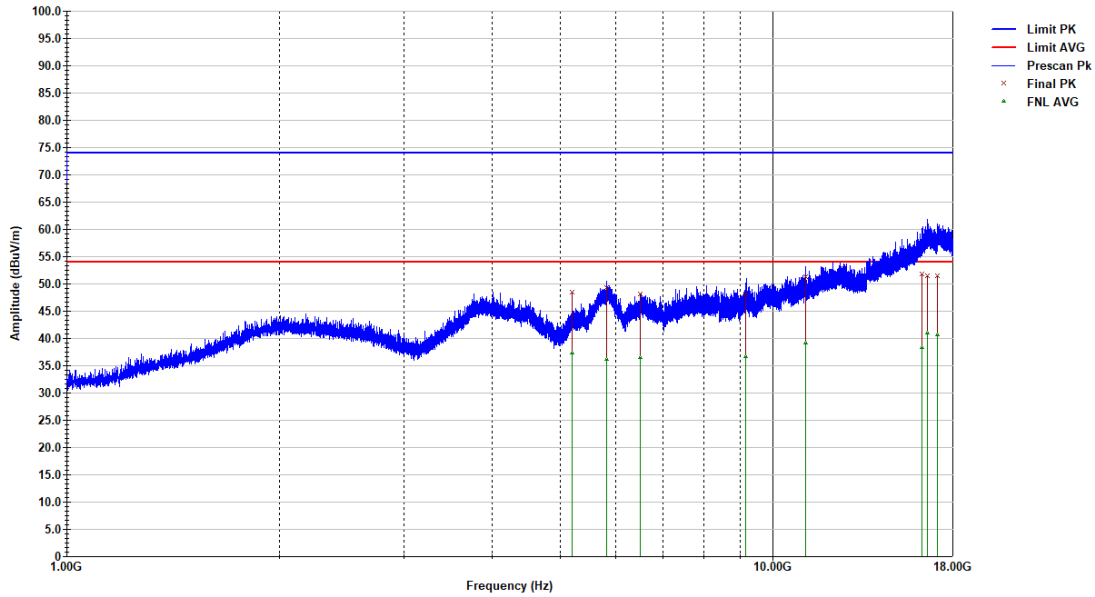
Test Mode - TX, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5200MHz, 802.11ac VHT20, mcs2, pwr 66



5200 mcs2 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 06:09:34 PM, Thursday, July 25, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5201.774	48.41	7.37	-25.59	74	247	203
5814.942	49.29	9.32	-24.71	74	393	333
6498.799	48.17	10.92	-25.83	74	155	139
9169.338	48.09	17.46	-25.91	74	271	142
11121.96	51.35	22.6	-22.65	74	370	299
16273.59	51.76	32.09	-22.24	74	171	93
16581.86	51.57	33.46	-22.43	74	379	56
17130.98	51.46	32.78	-22.54	74	325	182

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5201.774	37.33	0.0	7.37	-16.67	54	247	203
5814.942	36.16	0.0	9.32	-17.84	54	393	333
6498.799	36.57	0.0	10.92	-17.43	54	155	139
9169.338	36.69	0.0	17.46	-17.31	54	271	142
11121.96	39.16	0.0	22.6	-14.84	54	370	299
16273.59	38.29	0.0	32.09	-15.71	54	171	93
16581.86	40.93	0.0	33.46	-13.07	54	379	56
17130.98	40.73	0.0	32.78	-13.27	54	325	182

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

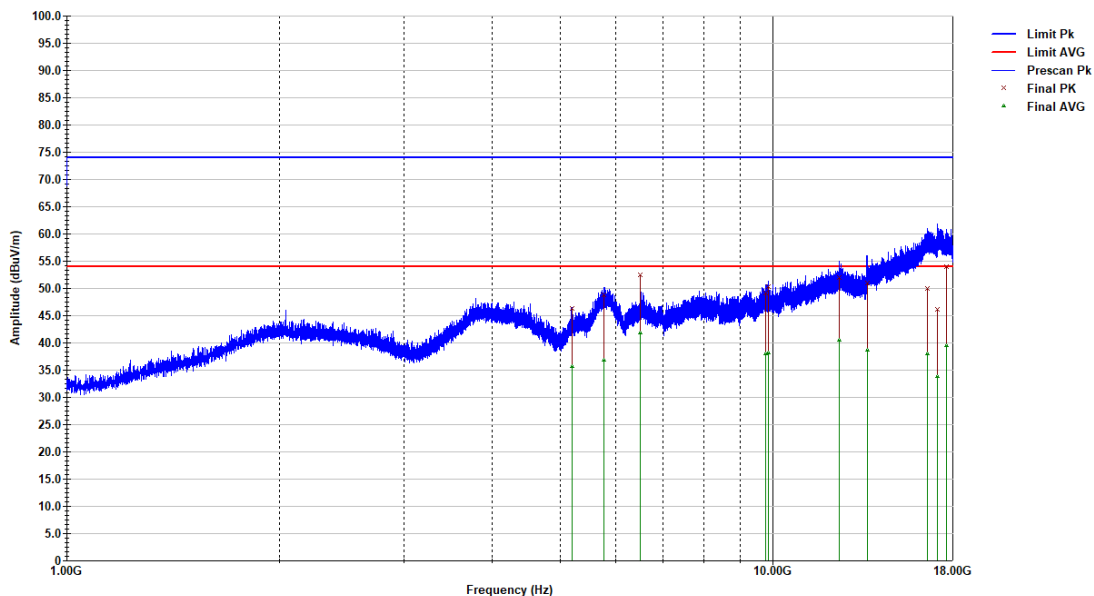
Test Mode - TX, 6 GHz HPF

Vertical AVG

Operator - AG

Standard - FCC 15.407

Comments - 5200MHz, 802.11ac VHT20, mcs2, pwr 66



5200 mcs2 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 05:47:48 PM, Thursday, July 25, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5196.726	46.4	7.36	-27.6	74	249	196
5763.642	48.83	9.15	-25.17	74	210	55
6501.651	52.48	10.93	-21.52	74	225	188
9774.864	49.14	19.2	-24.86	74	296	310
9859.519	50.34	19.07	-23.66	74	248	228
12424.49	51.99	25.95	-22.01	74	218	60
13609.39	51.04	26.29	-22.96	74	195	199
16561.35	49.96	33.37	-24.04	74	264	112
17136.63	46.11	32.78	-27.89	74	171	-20
17611.62	54.05	32.04	-19.95	74	288	358

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5196.726	35.73	0.0	7.36	-18.27	54	249	196
5763.642	36.83	0.0	9.15	-17.17	54	210	55
6501.651	41.85	0.0	10.93	-12.15	54	225	188
9774.864	38.06	0.0	19.2	-15.94	54	296	310
9859.519	38.16	0.0	19.07	-15.84	54	248	228
12424.49	40.45	0.0	25.95	-13.55	54	218	60
13609.39	38.61	0.0	26.29	-15.39	54	195	199
16561.35	38.07	0.0	33.37	-15.93	54	264	112
17136.63	33.88	0.0	32.78	-20.12	54	171	-20
17611.62	39.55	0.0	32.04	-14.45	54	288	358

High Channel – 5240MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

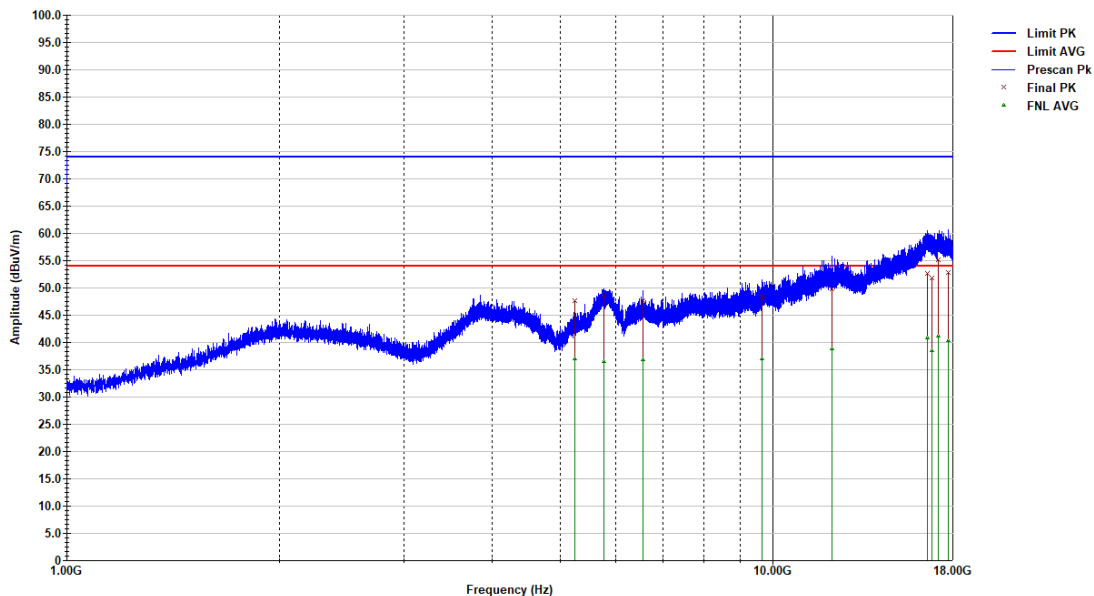
Test Mode - TX, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5240MHz, 802.11ac VHT20, mcs2, pwr 66



5240 mcs2 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 10:47:43 AM, Friday, July 26, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5238.331	47.65	7.41	-26.35	74	171	212
5770.116	48.62	9.16	-25.38	74	186	200
6552.574	47.66	11.11	-26.34	74	400	222
9660.871	48.45	18.68	-25.55	74	150	285
12149.78	49.8	25.57	-24.2	74	194	74
16562.29	52.71	33.37	-21.29	74	247	190
16799.22	51.79	33.54	-22.21	74	150	285
17187.43	55.21	32.8	-18.79	74	163	240
17737.07	52.81	31.9	-21.19	74	163	176

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5238.331	37	0.0	7.41	-17	54	171	212
5770.116	36.5	0.0	9.16	-17.5	54	186	200
6552.574	36.86	0.0	11.11	-17.14	54	400	222
9660.871	37.01	0.0	18.68	-16.99	54	150	285
12149.78	38.86	0.0	25.57	-15.14	54	194	74
16562.29	40.85	0.0	33.37	-13.15	54	247	190
16799.22	38.55	0.0	33.54	-15.45	54	150	285
17187.43	41.09	0.0	32.8	-12.91	54	163	240
17737.07	40.4	0.0	31.9	-13.6	54	163	176

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

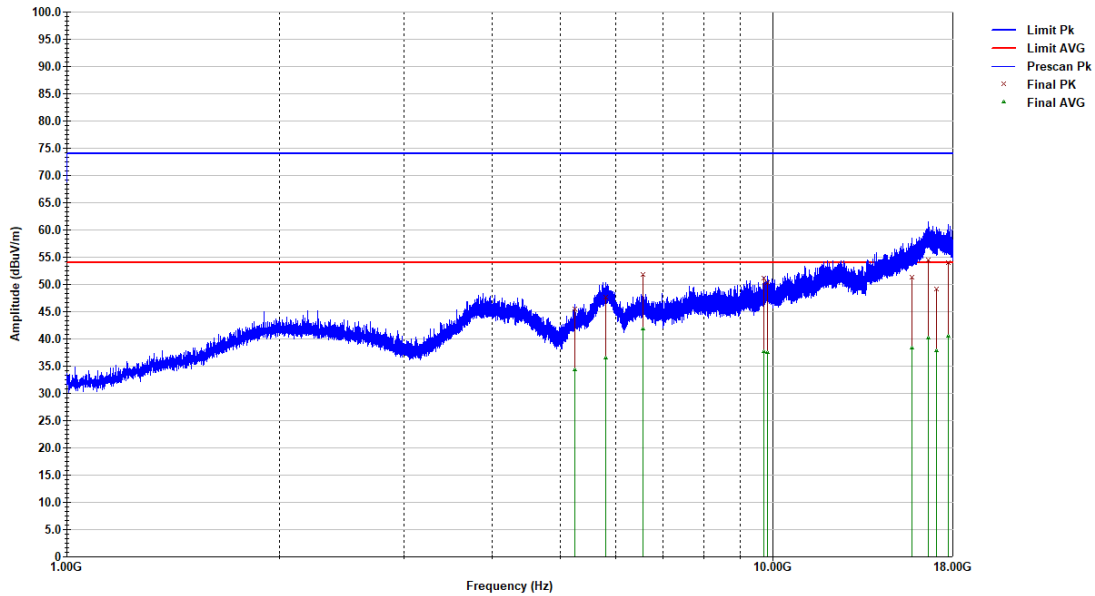
Test Mode - TX, 6 GHz HPF

Operator - AG

Vertical AVG

Standard - FCC 15.407

Comments - 5240MHz, 802.11ac VHT20, mcs2, pwr 66



5240 mcs2 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 10:18:40 AM, Friday, July 26, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5241.678	45.43	7.41	-28.57	74	365	215
5804.997	47.7	9.29	-26.3	74	171	332
6548.725	51.86	11.1	-22.14	74	150	215
9710.347	51.09	18.86	-22.91	74	171	81
9821.788	50.25	19.13	-23.75	74	365	50
15749.35	51.29	30.22	-22.71	74	357	267
16624.91	54.47	33.63	-19.53	74	334	14
17047.53	49.16	32.95	-24.84	74	279	201
17736.78	53.97	31.9	-20.03	74	342	0

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5241.678	34.37	0.0	7.41	-19.63	54	365	215
5804.997	36.42	0.0	9.29	-17.58	54	171	332
6548.725	41.82	0.0	11.1	-12.18	54	150	215
9710.347	37.7	0.0	18.86	-16.3	54	171	81
9821.788	37.5	0.0	19.13	-16.5	54	365	50
15749.35	38.28	0.0	30.22	-15.72	54	357	267
16624.91	40.2	0.0	33.63	-13.8	54	334	14
17047.53	37.8	0.0	32.95	-16.2	54	279	201
17736.78	40.51	0.0	31.9	-13.49	54	342	0

UNII1: 802.11ac40

30 to 1000 MHz
High Channel – 5230MHz - both chains transmitting
Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Customer / Model # - Alarm.Com / V730

Serial # - N/A

Test Mode - TX

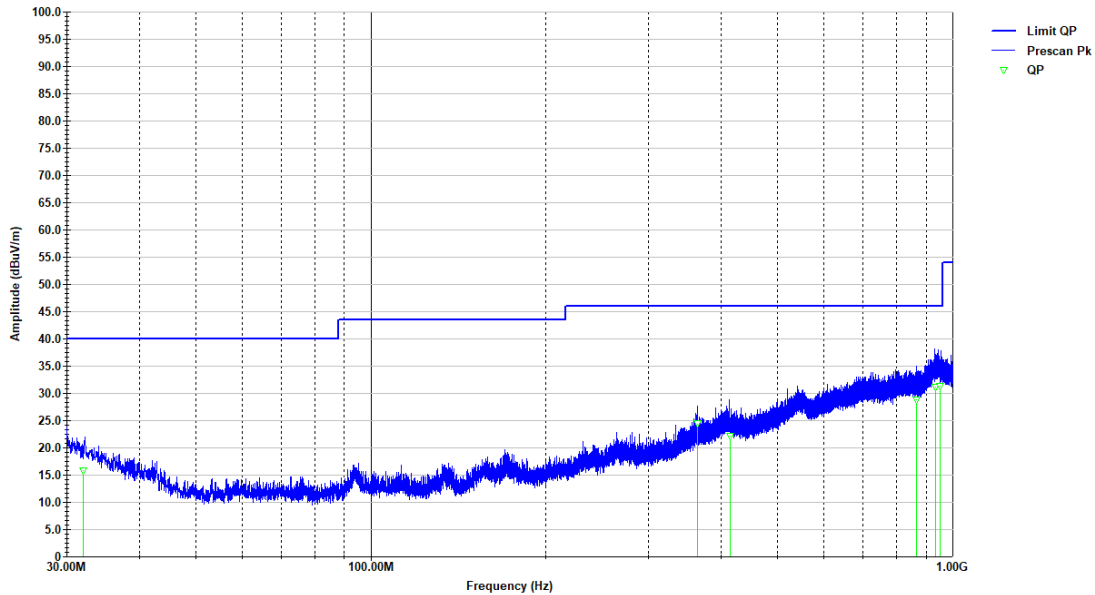
Operator - AG

Standard - FCC 15.407

Comments - 5230MHz, 802.11ac VHT40, MCS1, pwr 64

Radiated Emissions

Horizontal QP



5230 mcs1 64 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 06:26:15 AM, Friday, August 09, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
32.045716	15.87	-22.4	-24.13	40	224	361
364.005323	24.42	-20.43	-21.6	46.02	122	221
414.240171	22.23	-17.97	-23.79	46.02	225	-20
865.100981	28.75	-11.08	-17.27	46.02	311	276
934.752985	31.14	-8.36	-14.88	46.02	106	92
949.70189	31.29	-8.37	-14.73	46.02	224	380

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical QP

Customer / Model # - Alarm.Com / V730

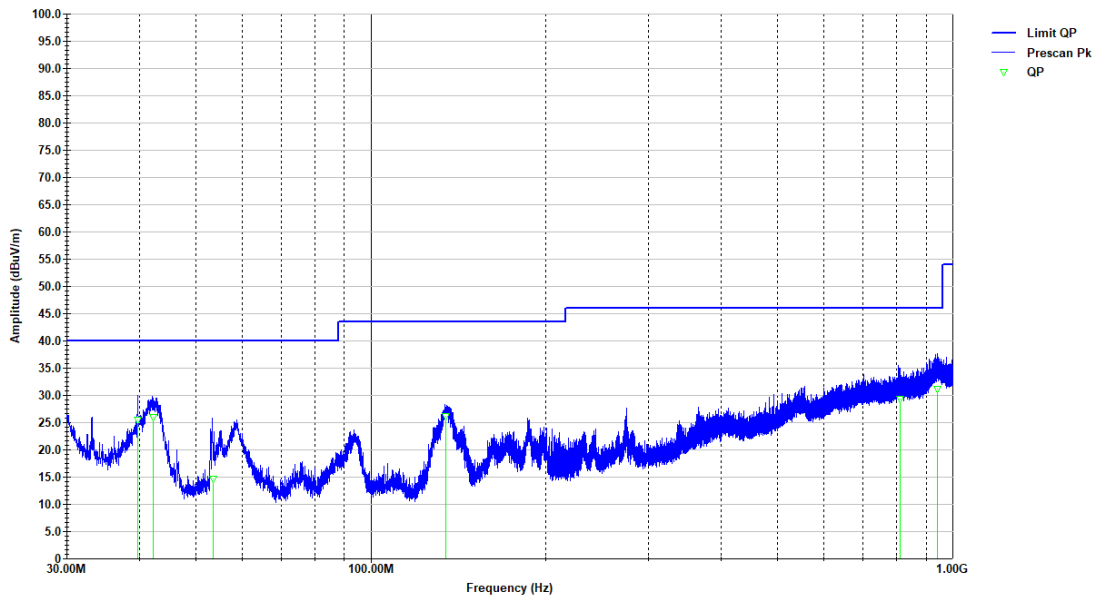
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5230MHz, 802.11ac VHT40, MCS1, pwr 64



5230 mcs1 64 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 06:11:39 AM, Friday, August 09, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
39.705628	25.56	-26.84	-14.44	40	100	48
42.23786	26.02	-28.16	-13.98	40	100	6
53.475986	14.62	-30.65	-25.38	40	122	44
134.460001	26.1	-29.63	-17.42	43.52	100	245
811.467853	29.37	-11.06	-16.65	46.02	400	82
940.884701	31.23	-8.3	-14.79	46.02	388	22

1 to 18 GHz Low Channel – 5190MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

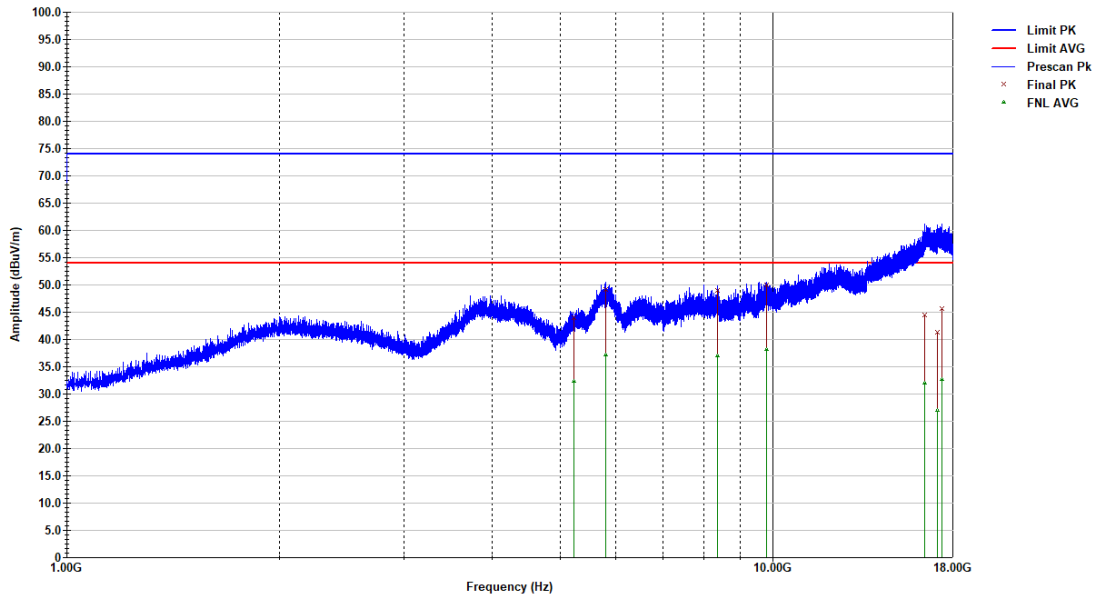
Test Mode - TX, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5190MHz, 802.11ac VHT40, mcs5, pwr 55



5190 mcs5 55 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 12:01:25 PM, Friday, July 26, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5232.097	44.05	7.4	-29.95	74	339	105
5801.221	49.14	9.27	-24.86	74	179	143
8348.081	48.94	15.66	-25.06	74	394	-20
9799.778	49.99	19.16	-24.01	74	271	339
16412.19	44.41	32.7	-29.59	74	308	19
17124.71	41.28	32.78	-32.72	74	378	380
17349.76	45.62	32.39	-28.38	74	339	73

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5232.097	32.32	0.0	7.4	-21.68	54	339	105
5801.221	37.18	0.0	9.27	-16.82	54	179	143
8348.081	37.01	0.0	15.66	-16.99	54	394	-20
9799.778	38.15	0.0	19.16	-15.85	54	271	339
16412.19	31.99	0.0	32.7	-22.01	54	308	19
17124.71	26.91	0.0	32.78	-27.09	54	378	380
17349.76	32.67	0.0	32.39	-21.33	54	339	73

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

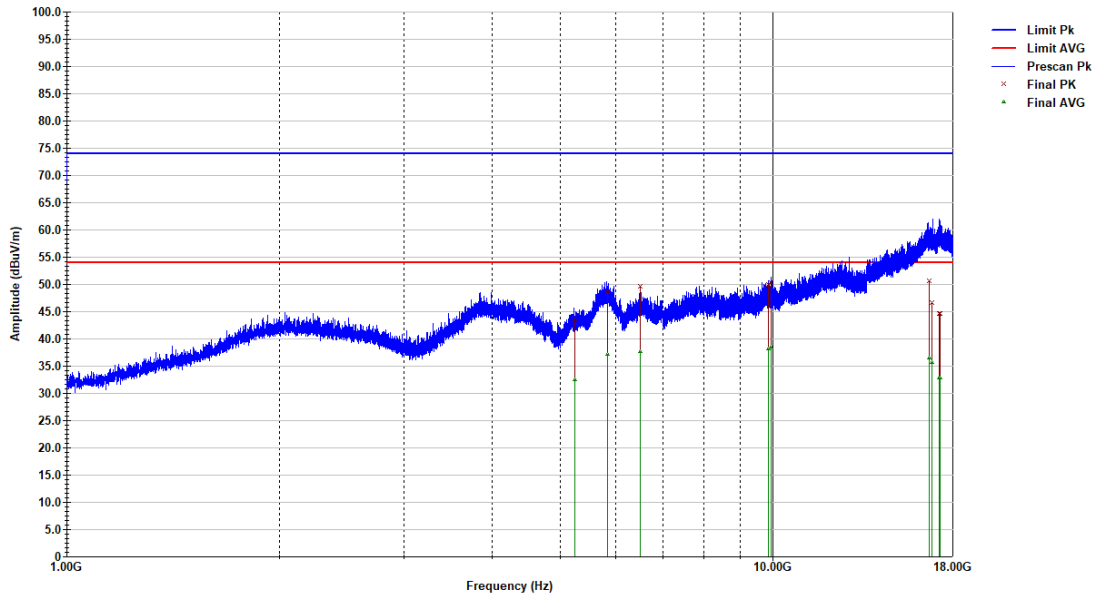
Test Mode - TX, 6 GHz HPF

Vertical AVG

Operator - AG

Standard - FCC 15.407

Comments - 5190MHz, 802.11ac VHT40, mcs5, pwr 55



5190 mcs5 55 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 11:39:56 AM, Friday, July 26, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5242.263	43.64	7.41	-30.36	74	163	1
5830.898	48.75	9.42	-25.25	74	202	-20
6492.727	49.69	10.9	-24.31	74	334	196
9858.218	50.01	19.07	-23.99	74	233	104
9958.065	50.36	19.53	-23.64	74	372	185
16649.7	50.73	33.63	-23.27	74	365	220
16837.03	46.68	33.51	-27.32	74	335	351
17211.23	44.71	32.78	-29.29	74	155	254
17286.74	44.6	32.55	-29.4	74	280	112

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5242.263	32.43	0.0	7.41	-21.57	54	163	1
5830.898	37.24	0.0	9.42	-16.76	54	202	-20
6492.727	37.63	0.0	10.9	-16.37	54	334	196
9858.218	38.25	0.0	19.07	-15.75	54	233	104
9958.065	38.49	0.0	19.53	-15.51	54	372	185
16649.7	36.55	0.0	33.63	-17.45	54	365	220
16837.03	35.58	0.0	33.51	-18.42	54	335	351
17211.23	32.86	0.0	32.78	-21.14	54	155	254
17286.74	32.75	0.0	32.55	-21.25	54	280	112

Lower band edge falling to restricted band Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

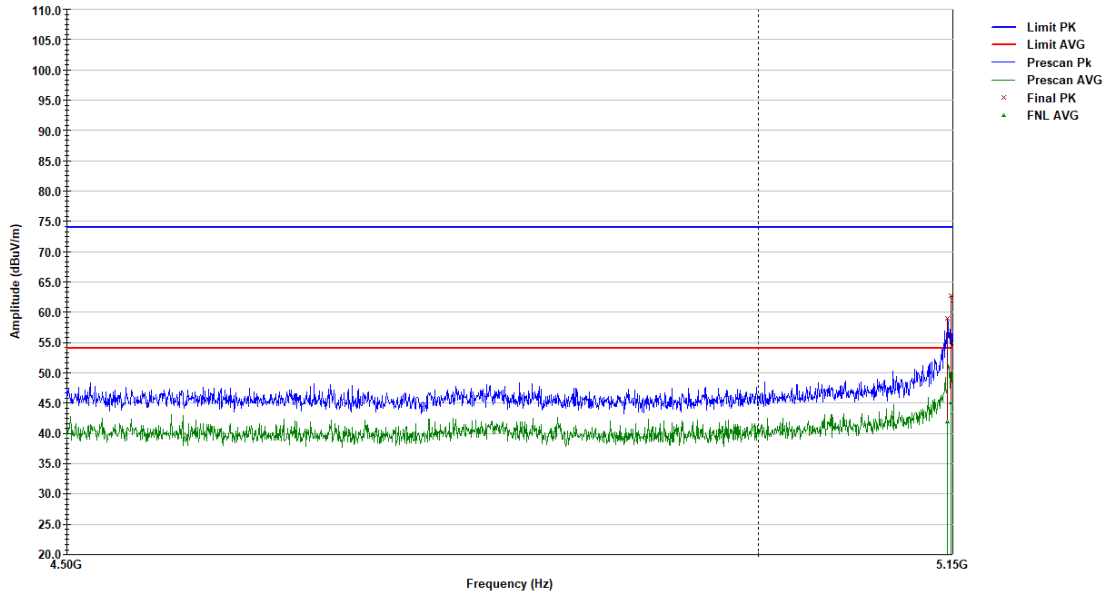
Test Mode - Tx mode, Lower Band-Edge

Horizontal AVG

Operator - AG

Standard - FCC Class B

Comments - 5190MHz, 802.11ac VHT40, pwr 55, mcs5



5190 mcs5 55 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 08:14:45 AM, Tuesday, August 20, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5145.875	59.05	7.18	-14.95	74	155	197
5148.85	62.81	7.2	-11.19	74	233	101
5150.975	62.02	7.22	-11.98	74	155	197
5151.4	65.25	7.22	-8.75	74	201	104
5154.375	66.92	7.24	-7.08	74	209	116

Average

Freq. (MHz)	Final AVG (dBuV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5145.875	41.9	0.0	7.18	-12.1	54	155	197
5148.85	45.08	0.0	7.2	-8.92	54	233	101
5150.975	43.42	0.0	7.22	-10.58	54	155	197
5151.4	45.69	0.0	7.22	-8.31	54	201	104
5154.375	46.17	0.0	7.24	-7.83	54	209	116

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

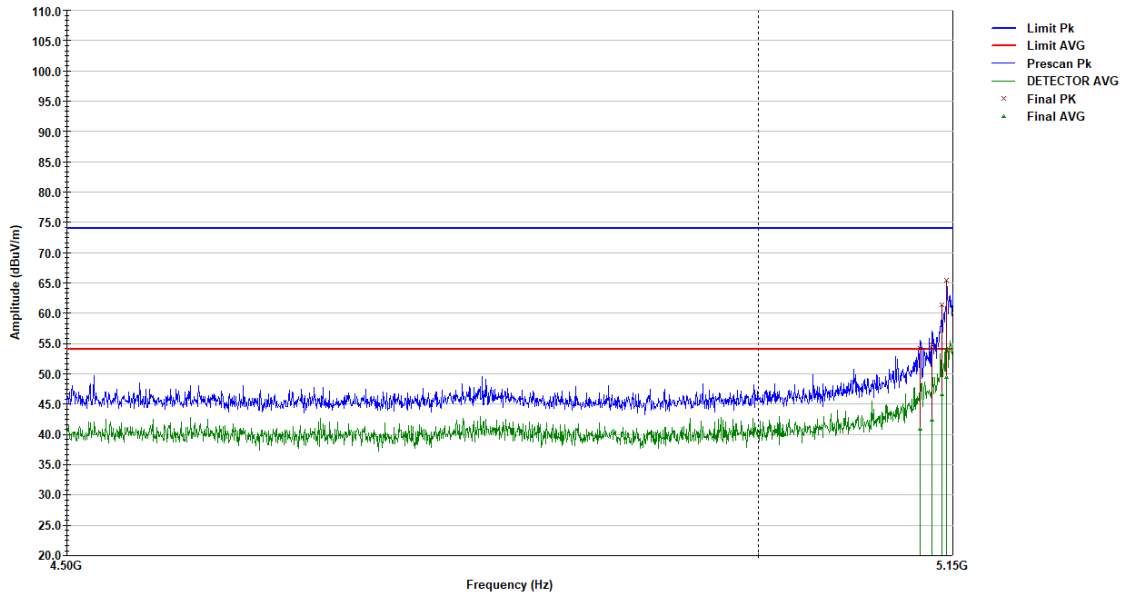
Test Mode - Tx mode, Lower Band-Edge

Vertical AVG

Operator - AG

Standard - FCC Class B

Comments - 5190MHz, 802.11ac VHT40, pwr 55, mcs5



5190 mcs5 55 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 08:00:07 AM, Tuesday, August 20, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5124.625	54.24	7.02	-19.76	74	150	161
5133.975	54.87	7.09	-19.13	74	163	237
5141.2	61.44	7.14	-12.56	74	233	183
5145.025	65.38	7.17	-8.62	74	198	160
5153.525	70.12	7.24	-3.88	74	150	170

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5124.625	40.81	0.0	7.02	-13.19	54	150	161
5133.975	42.33	0.0	7.09	-11.67	54	163	237
5141.2	46.53	0.0	7.14	-7.47	54	233	183
5145.025	49.36	0.0	7.17	-4.64	54	198	160
5153.525	51.61	0.0	7.24	-2.39	54	150	170

High Channel – 5230MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

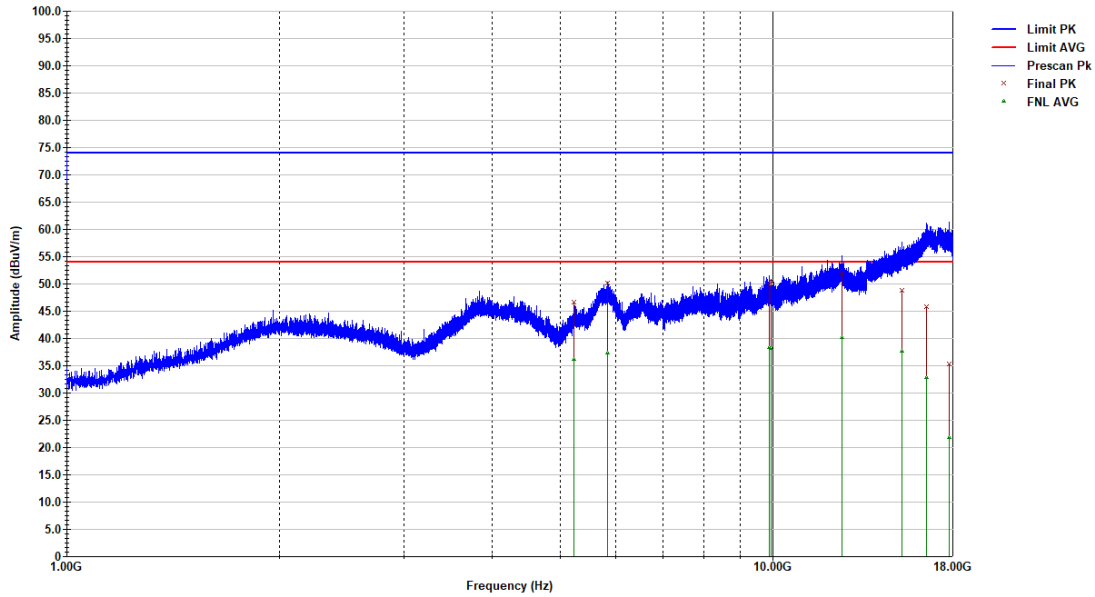
Test Mode - TX, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5230MHz, 802.11ac VHT40, mcs1, pwr 64



5230 mcs1 64 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 01:10:08 PM, Friday, July 26, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5234.411	46.62	7.4	-27.38	74	232	223
5840.179	50.18	9.49	-23.82	74	393	281
9896.754	49.8	19.2	-24.2	74	356	270
9936.755	50.43	19.42	-23.57	74	171	326
12545.26	51.99	26.05	-22.01	74	232	377
15235.1	48.89	28.96	-25.11	74	317	35
16511.76	45.79	33.15	-28.21	74	332	267
17774.74	35.32	31.85	-38.68	74	179	207

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5234.411	36.21	0.0	7.4	-17.79	54	232	223
5840.179	37.32	0.0	9.49	-16.68	54	393	281
9896.754	38.34	0.0	19.2	-15.66	54	356	270
9936.755	38.18	0.0	19.42	-15.82	54	171	326
12545.26	40.24	0.0	26.05	-13.76	54	232	377
15235.1	37.64	0.0	28.96	-16.36	54	317	35
16511.76	32.8	0.0	33.15	-21.2	54	332	267
17774.74	21.77	0.0	31.85	-32.23	54	179	207

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

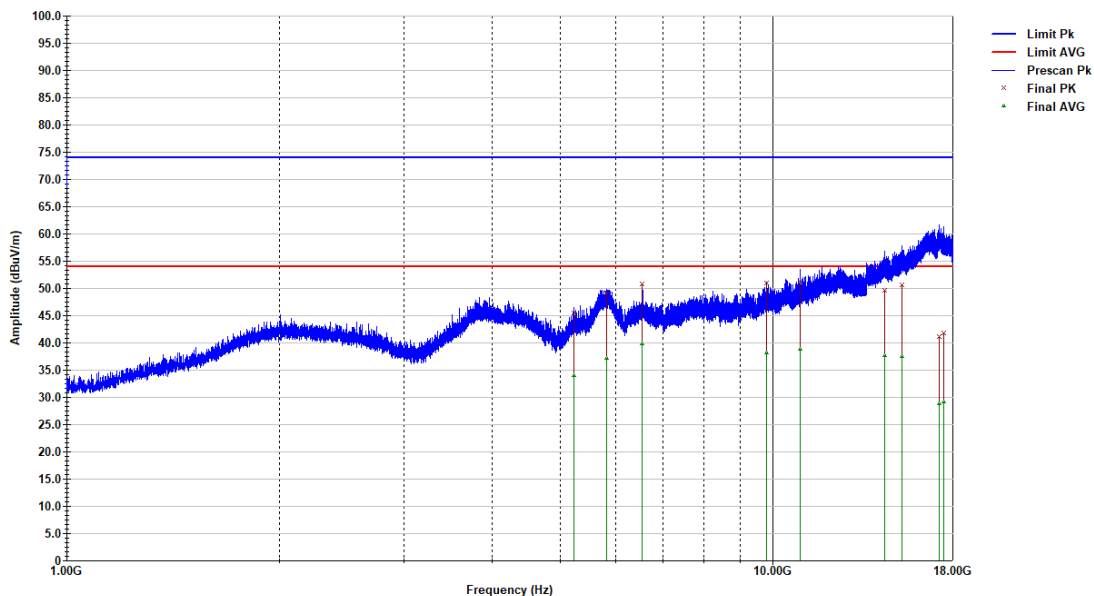
Test Mode - TX, 6 GHz HPF

Vertical AVG

Operator - AG

Standard - FCC 15.407

Comments - 5230MHz, 802.11ac VHT40, mcs1, pwr 64



5230 mcs1 64 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 12:46:34 PM, Friday, July 26, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5234.766	45.55	7.41	-28.45	74	310	213
5815.216	49.23	9.32	-24.77	74	250	269
6531.384	50.74	11.04	-23.26	74	248	178
9809.845	50.94	19.14	-23.06	74	296	28
10936.38	51.18	21.84	-22.82	74	233	20
14410.12	49.66	27.17	-24.34	74	240	337
15249.32	50.62	29	-23.38	74	329	120
17224.74	41.13	32.74	-32.87	74	318	240
17449.89	41.77	32.17	-32.23	74	400	-20

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5234.766	34.03	0.0	7.41	-19.97	54	310	213
5815.216	37.13	0.0	9.32	-16.87	54	250	269
6531.384	39.8	0.0	11.04	-14.2	54	248	178
9809.845	38.19	0.0	19.14	-15.81	54	296	28
10936.38	38.79	0.0	21.84	-15.21	54	233	20
14410.12	37.72	0.0	27.17	-16.28	54	240	337
15249.32	37.56	0.0	29	-16.44	54	329	120
17224.74	28.82	0.0	32.74	-25.18	54	318	240
17449.89	29.12	0.0	32.17	-24.88	54	400	-20

UNII1: 802.11ac80

30 to 1000 MHz Mid Channel – 5210MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Customer / Model # - Alarm.Com / V730

Serial # - N/A

Radiated Emissions

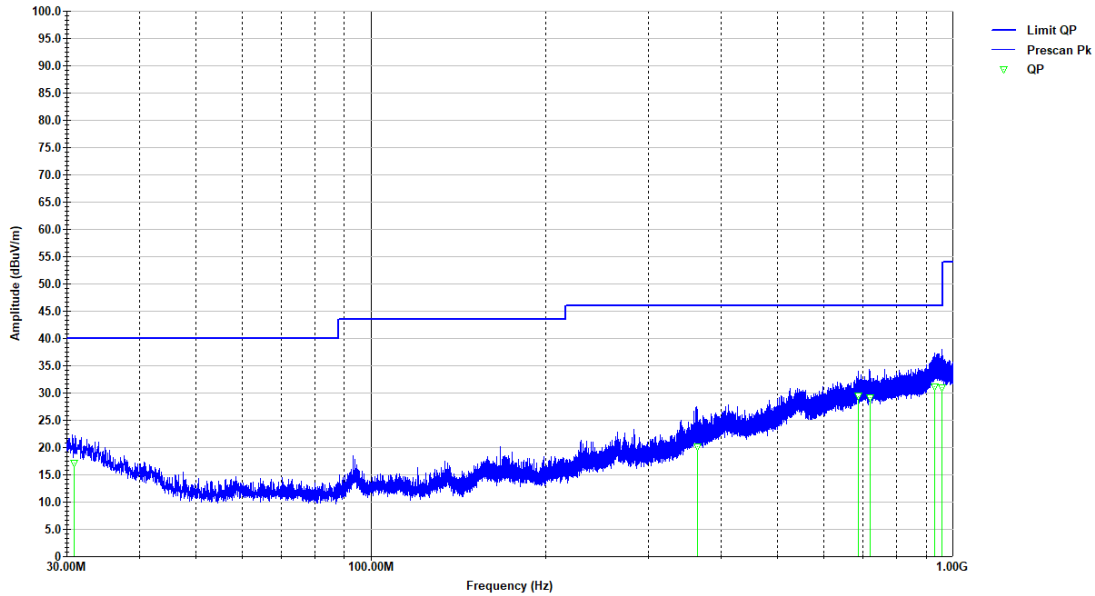
Test Mode - TX

Horizontal QP

Operator - AG

Standard - FCC 15.407

Comments - 5210MHz, 802.11ac VHT80, MCS3, pwr 58



5210 mcs3 58 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 07:21:36 AM, Friday, August 09, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
30.849733	17.14	-21.72	-22.86	40	106	32
364.621035	20.16	-20.41	-25.86	46.02	170	205
688.220196	29.41	-11.75	-16.61	46.02	329	52
720.369013	29.12	-11.86	-16.9	46.02	252	182
931.595876	31.13	-8.46	-14.89	46.02	289	358
957.291502	31.07	-8.66	-14.95	46.02	265	75

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical QP

Customer / Model # - Alarm.Com / VT30

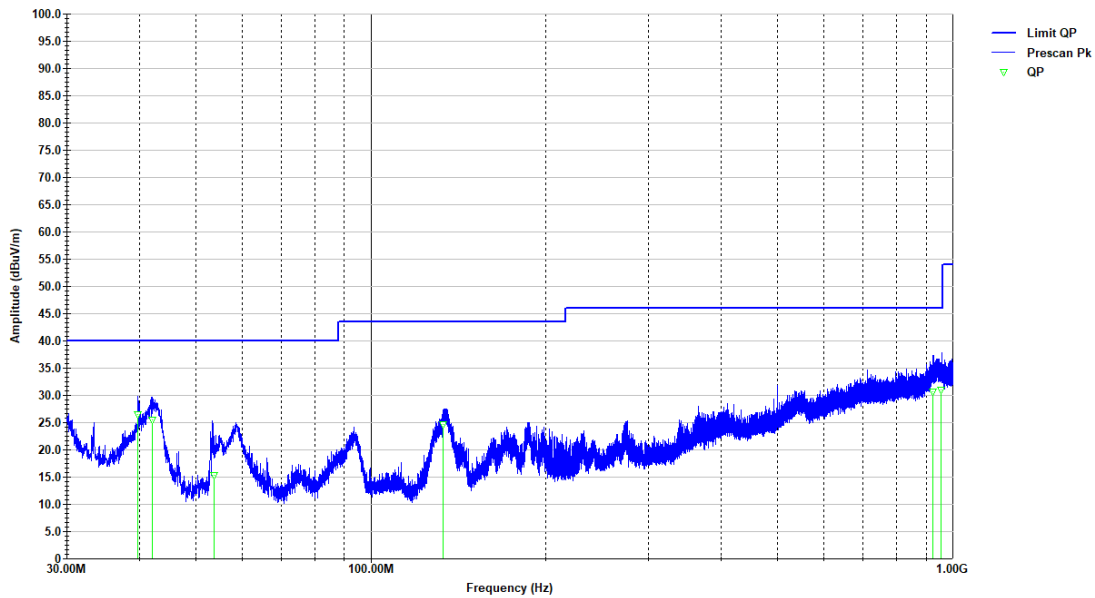
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5210MHz, 802.11ac VHT80, MCS3, pwr 58



5210 mcs3 58 FCC 15-407 RE 30M-1GHz.ttl

Last Data Update 07:00:29 AM, Friday, August 09, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
39.753886	26.54	-26.86	-13.46	40	106	17
42.040246	25.44	-28.08	-14.56	40	100	380
53.692627	15.29	-30.65	-24.71	40	114	380
133.205129	24.73	-29.76	-18.79	43.52	106	251
923.837906	30.68	-8.81	-15.34	46.02	194	250
956.155442	30.98	-8.62	-15.04	46.02	372	138

1 to 18 GHz Mid Channel – 5210MHz - both chains transmitting

Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Horizontal AVG

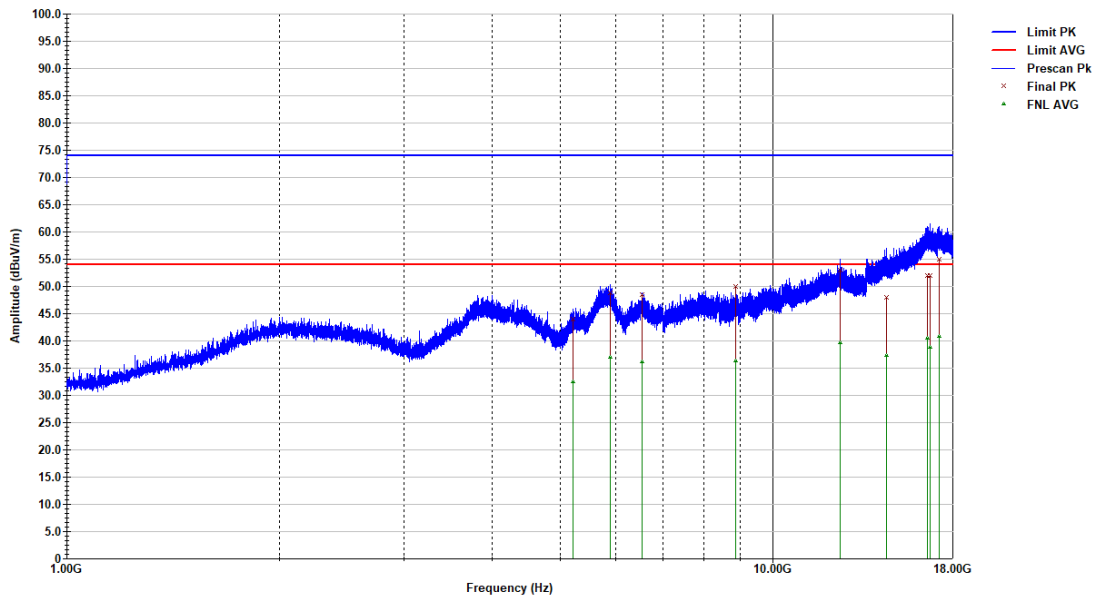
Client/Model - Alarm.Com / V730

Test Mode - TX, 6 GHz HPF

Operator - AG

Standard - FCC 15.407

Comments - 5210MHz, 802.11ac VHT80, mcs3, pwr 58



5210 mcs3 58 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 02:22:15 PM, Friday, July 26, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5213.984	44.05	7.39	-29.95	74	356	216
5895.231	48.9	9.84	-25.1	74	370	152
6533.335	48.54	11.04	-25.46	74	400	230
8868.661	50.03	16.68	-23.97	74	233	144
12445.82	53.07	25.97	-20.93	74	171	204
14511.31	48.06	27.42	-25.94	74	378	355
16585.76	52	33.47	-22	74	195	8
16706.88	52	33.6	-22	74	150	285
17199.52	55.05	32.81	-18.95	74	255	178

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5213.984	32.56	0.0	7.39	-21.44	54	356	216
5895.231	36.98	0.0	9.84	-17.02	54	370	152
6533.335	36.24	0.0	11.04	-17.76	54	400	230
8868.661	36.3	0.0	16.68	-17.7	54	233	144
12445.82	39.73	0.0	25.97	-14.27	54	171	204
14511.31	37.37	0.0	27.42	-16.63	54	378	355
16585.76	40.48	0.0	33.47	-13.52	54	195	8
16706.88	38.81	0.0	33.6	-15.19	54	150	285
17199.52	40.89	0.0	32.81	-13.11	54	255	178

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

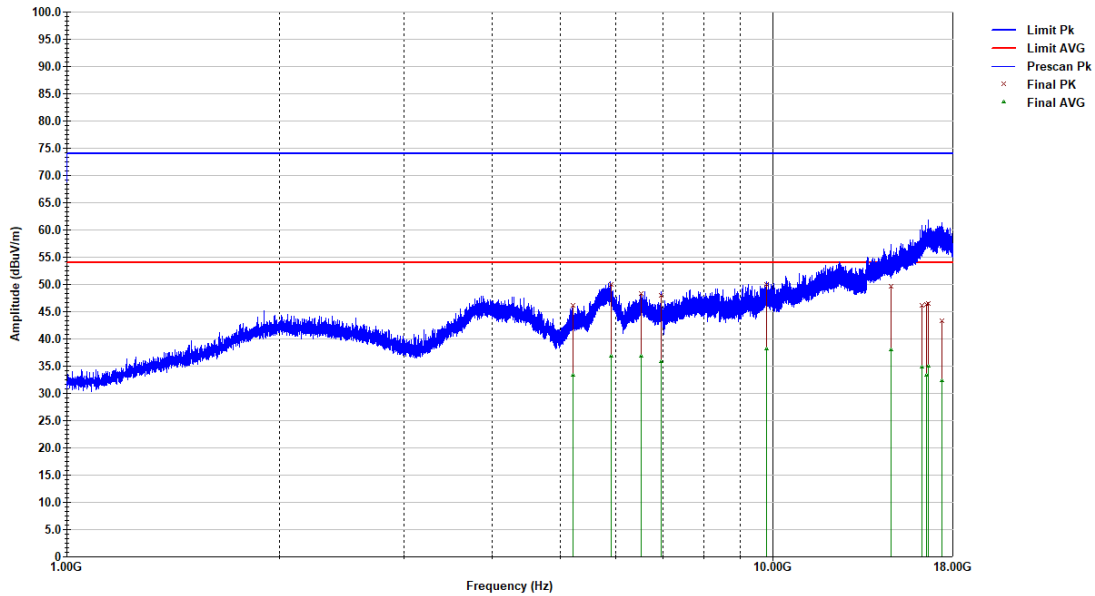
Test Mode - TX, 6 GHz HPF

Operator - AG

Vertical AVG

Standard - FCC 15.407

Comments - 5210MHz, 802.11ac VHT80, mcs3, pwr 58



5210 mcs3 58 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 01:57:13 PM, Friday, July 26, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5221.105	46.1	7.4	-27.9	74	203	127
5895.835	50	9.84	-24	74	319	87
6520.861	48.33	11	-25.67	74	287	160
6941.229	48.02	11.74	-25.98	74	374	95
9810.698	49.91	19.14	-24.09	74	366	-10
14724.54	49.6	27.85	-24.4	74	256	113
16298.93	46.14	32.2	-27.86	74	380	296
16499.76	46.36	33.1	-27.64	74	280	-10
16624.74	46.45	33.63	-27.55	74	303	80
17361.52	43.36	32.36	-30.64	74	233	143

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5221.105	33.37	0.0	7.4	-20.63	54	203	127
5895.835	36.88	0.0	9.84	-17.12	54	319	87
6520.861	36.77	0.0	11	-17.23	54	287	160
6941.229	35.76	0.0	11.74	-18.24	54	374	95
9810.698	38.14	0.0	19.14	-15.86	54	366	-10
14724.54	37.97	0.0	27.85	-16.03	54	256	113
16298.93	34.86	0.0	32.2	-19.14	54	380	296
16499.76	33.34	0.0	33.1	-20.66	54	280	-10
16624.74	34.94	0.0	33.63	-19.06	54	303	80
17361.52	32.36	0.0	32.36	-21.64	54	233	143

Lower band edge falling to restricted band Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

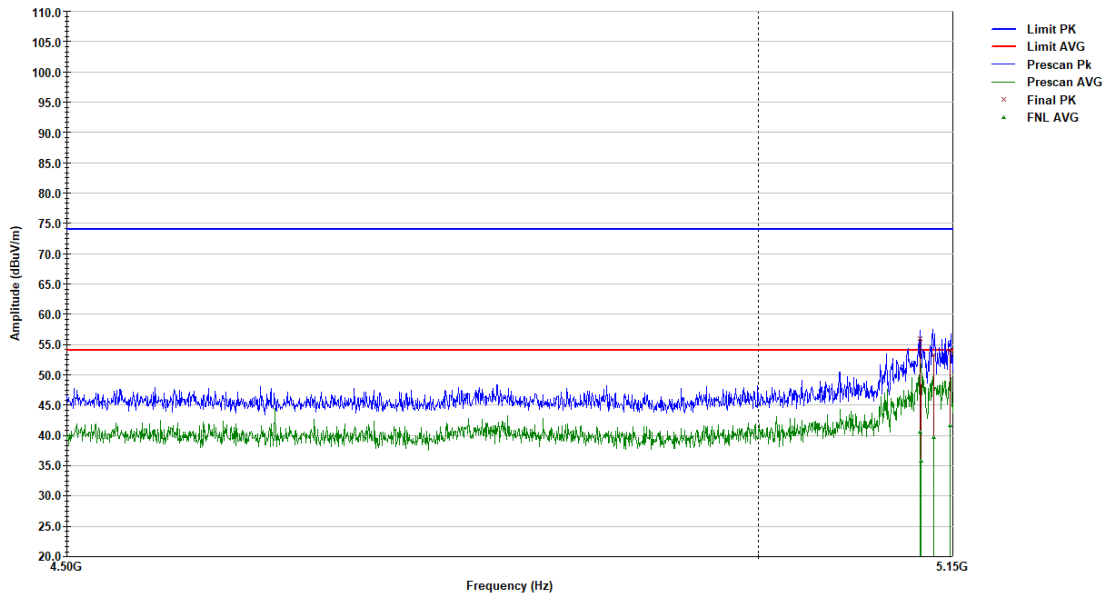
Test Mode - Tx mode, Lower Band-Edge

Horizontal AVG

Operator - AG

Standard - FCC Class B

Comments - 5210MHz, 802.11ac VHT80, pwr 58, mcs3



5210 mcs3 58 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 09:06:22 AM, Tuesday, August 20, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5124.2	56.06	7.02	-17.94	74	150	141
5125.05	48.29	7.02	-25.71	74	354	-20
5134.825	53.24	7.1	-20.76	74	150	134
5147.575	54.08	7.19	-19.92	74	263	108

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5124.2	40.51	0.0	7.02	-13.49	54	150	141
5125.05	35.77	0.0	7.02	-18.23	54	354	-20
5134.825	39.62	0.0	7.1	-14.38	54	150	134
5147.575	41.66	0.0	7.19	-12.34	54	263	108

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

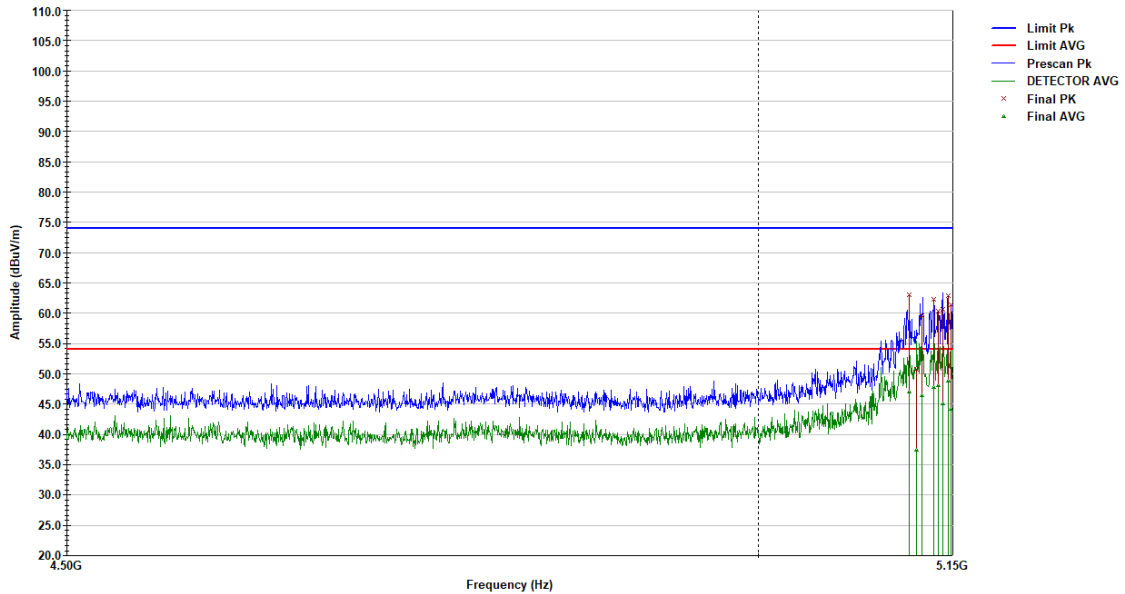
Test Mode - Tx mode, Lower Band-Edge

Vertical AVG

Operator - AG

Standard - FCC Class B

Comments - 5210MHz, 802.11ac VHT80, pwr 58, mcs3



5210 mcs3 58 RE Lower Band-Edge_3117 2042.til

Last Data Update 08:51:57 AM, Tuesday, August 20, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5116.125	62.99	6.95	-11.01	74	179	159
5121.65	50.78	7	-23.22	74	287	-20
5125.475	59.57	7.03	-14.43	74	187	152
5135.25	62.26	7.1	-11.74	74	179	154
5138.65	60.41	7.12	-13.59	74	150	132
5142.475	60.58	7.15	-13.42	74	150	131
5146.3	62.93	7.18	-11.07	74	150	159
5148.425	61.32	7.2	-12.68	74	171	222

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5116.125	47	0.0	6.95	-7	54	179	159
5121.65	37.42	0.0	7	-16.58	54	287	-20
5125.475	46.39	0.0	7.03	-7.61	54	187	152
5135.25	47.79	0.0	7.1	-6.21	54	179	154
5138.65	48.07	0.0	7.12	-5.93	54	150	132
5142.475	45.09	0.0	7.15	-8.91	54	150	131
5146.3	48.82	0.0	7.18	-5.18	54	150	159
5148.425	44.2	0.0	7.2	-9.8	54	171	222

UNII1: 802.11ax20

30 to 1000 MHz Mid Channel – 5200MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Customer / Model # - Alarm.Com / V730

Serial # - N/A

Test Mode - TX

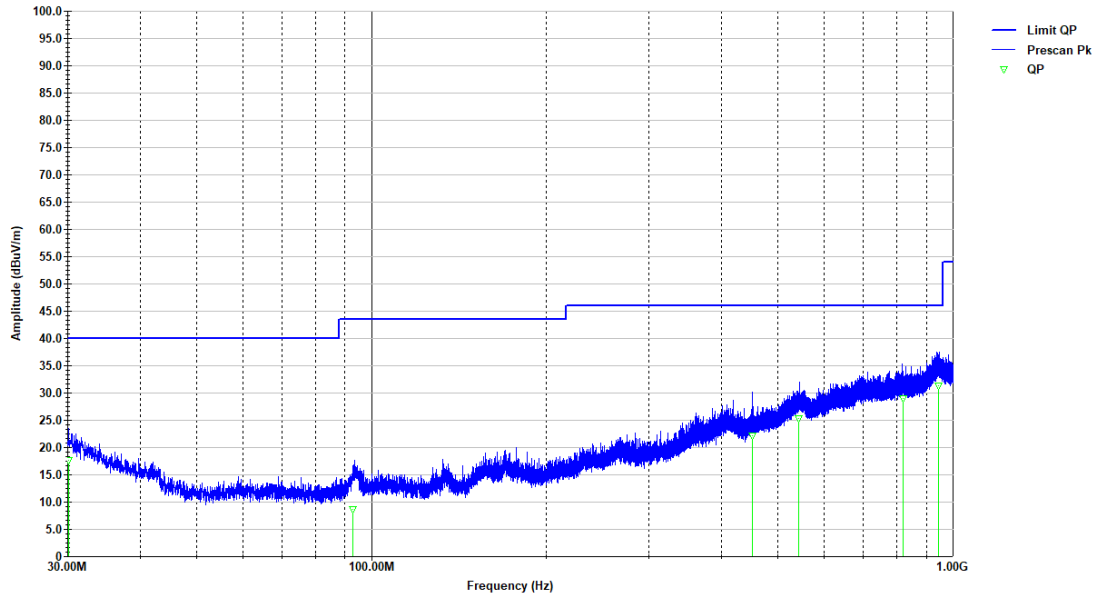
Operator - AG

Standard - FCC 15.407

Comments - 5200MHz, 802.11ax HE20, MCS0, pwr 66

Radiated Emissions

Horizontal QP



5200 mcs0 66 FCC 15.407 RE 30M-1GHz.ttl

Last Data Update 08:10:30 AM, Friday, August 09, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
30.09	17.59	-21.48	-22.41	40	114	299
92.958423	8.73	-30.16	-34.79	43.52	232	305
452.128823	22.16	-18.36	-23.86	46.02	161	247
543.311242	25.34	-13.85	-20.68	46.02	200	167
819.346356	29.06	-11.12	-16.96	46.02	193	21
943.735701	31.32	-8.3	-14.7	46.02	209	44

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Radiated Emissions

Vertical QP

Customer / Model # - Alarm.Com / V730

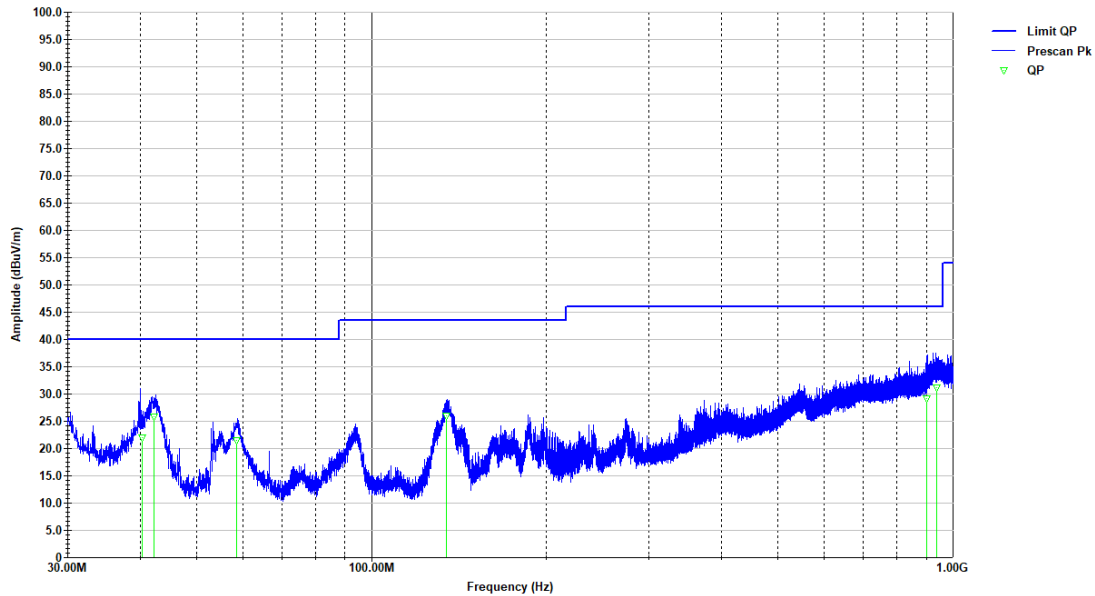
Serial # - N/A

Test Mode - TX

Operator - AG

Standard - FCC 15.407

Comments - 5200MHz, 802.11ax HE20, MCS0, pwr 66



5200 mcs0 66 FCC 15.407 RE 30M-1GHz.til

Last Data Update 07:52:53 AM, Friday, August 09, 2024

Quasi-Peak Data

Freq. (MHz)	Final QP (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
40.229302	22.08	-27.11	-17.92	40	100	54
42.282177	25.89	-28.17	-14.11	40	100	250
58.586697	21.47	-30.46	-18.53	40	101	105
134.668636	25.97	-29.61	-17.55	43.52	101	241
901.284861	29.15	-10.24	-16.87	46.02	146	292
937.102075	31.21	-8.33	-14.81	46.02	289	72

1 to 18 GHz Low Channel – 5180MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

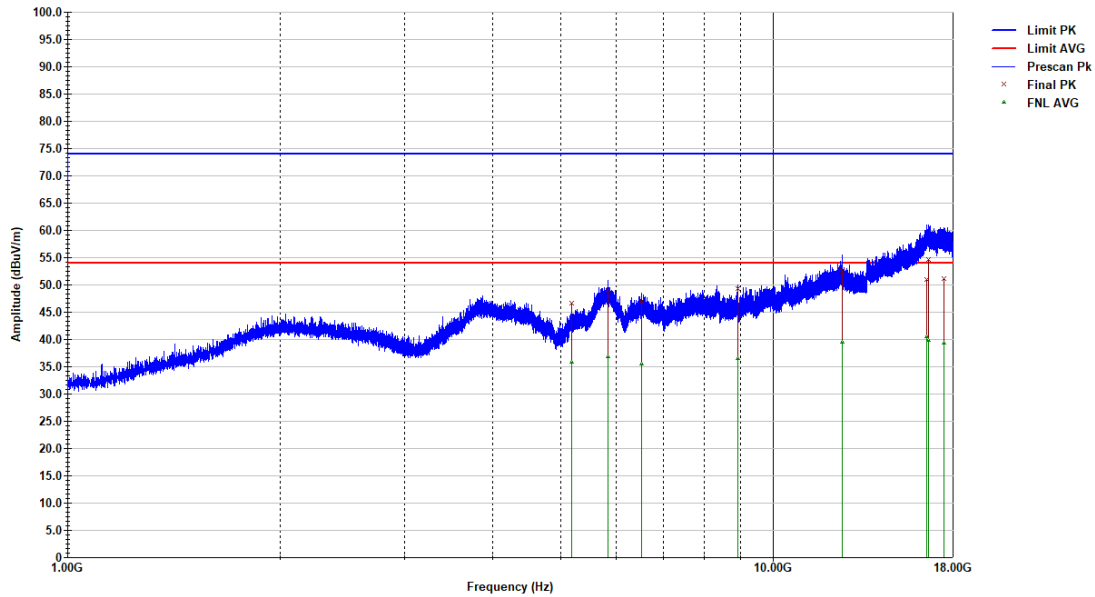
Test Mode - TX, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5180MHz, 802.11ax HE20, mcs7, pwr 59



5180 mcs7 59 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 03:30:22 PM, Friday, July 26, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5181.084	46.69	7.33	-27.31	74	371	211
5836.108	49.04	9.46	-24.96	74	371	285
6508.445	46.99	10.95	-27.01	74	178	285
8910.318	49.28	16.82	-24.72	74	247	380
12536.36	52.69	26.04	-21.31	74	240	171
16534.53	51.01	33.25	-22.99	74	348	83
16635.83	54.6	33.63	-19.4	74	186	175
17497.2	51.13	32.12	-22.87	74	271	311

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5181.084	35.78	0.0	7.33	-18.22	54	371	211
5836.108	36.9	0.0	9.46	-17.1	54	371	285
6508.445	35.55	0.0	10.95	-18.45	54	178	285
8910.318	36.51	0.0	16.82	-17.49	54	247	380
12536.36	39.47	0.0	26.04	-14.53	54	240	171
16534.53	40.51	0.0	33.25	-13.49	54	348	83
16635.83	39.78	0.0	33.63	-14.22	54	186	175
17497.2	39.38	0.0	32.12	-14.62	54	271	311

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

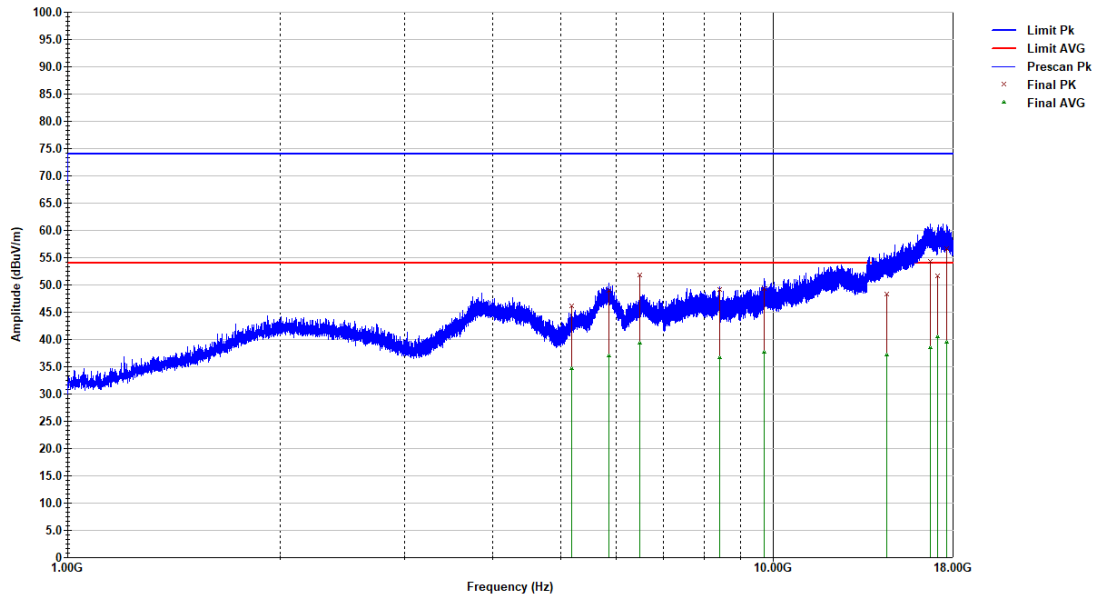
Test Mode - TX, 6 GHz HPF

Vertical AVG

Operator - AG

Standard - FCC 15.407

Comments - 5180MHz, 802.11ax HE20, mcs7, pwr 59



5180 mcs7 59 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.til

Last Data Update 03:08:20 PM, Friday, July 26, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5182.608	46.21	7.34	-27.79	74	342	117
5854.423	48.92	9.59	-25.08	74	202	312
6470.739	51.87	10.84	-22.13	74	260	216
8396.679	49.08	15.67	-24.92	74	318	287
9718.79	49.26	18.91	-24.74	74	218	150
14510.25	48.33	27.42	-25.67	74	203	304
16733.74	54.29	33.59	-19.71	74	303	52
17137.95	51.65	32.78	-22.35	74	295	347
17622.59	56.7	32.03	-17.3	74	233	220

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5182.608	34.71	0.0	7.34	-19.29	54	342	117
5854.423	36.96	0.0	9.59	-17.04	54	202	312
6470.739	39.28	0.0	10.84	-14.72	54	260	216
8396.679	36.61	0.0	15.67	-17.39	54	318	287
9718.79	37.6	0.0	18.91	-16.4	54	218	150
14510.25	37.2	0.0	27.42	-16.8	54	203	304
16733.74	38.49	0.0	33.59	-15.51	54	303	52
17137.95	40.5	0.0	32.78	-13.5	54	295	347
17622.59	39.52	0.0	32.03	-14.48	54	233	220

Lower band edge falling to restricted band Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

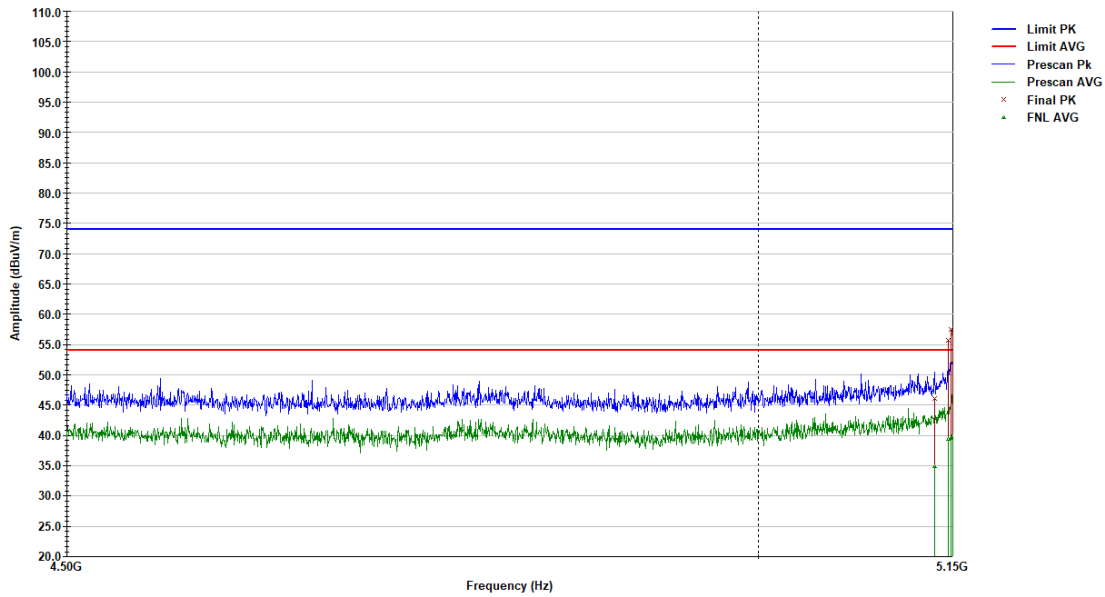
Test Mode - Tx mode, Lower Band-Edge

Horizontal AVG

Operator - AG

Standard - FCC Class B

Comments - 5180MHz, 802.11ax HE20, pwr 59, mcs7



5180 mcs7 59 RE Lower Band-Edge_3117 2042.ttl

Last Data Update 09:47:23 AM, Tuesday, August 20, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5135.675	46.17	7.1	-27.83	74	150	160
5146.725	55.73	7.19	-18.27	74	271	108
5148.425	57.47	7.2	-16.53	74	357	90
5149.7	56.69	7.21	-17.31	74	150	123
5150	57.06	7.21	-16.94	74	210	119

Average

Freq. (MHz)	Final AVG (dBuV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5135.675	34.86	0.0	7.1	-19.14	54	150	160
5146.725	39.26	0.0	7.19	-14.74	54	271	108
5148.425	39.5	0.0	7.2	-14.5	54	357	90
5149.7	39.88	0.0	7.21	-14.12	54	150	123
5150	39.84	0.0	7.21	-14.16	54	210	119

Vertical Polarization

SGS NA, San Diego Regulatory Lab

Model # - Alarm.Com / V730

Radiated Emissions

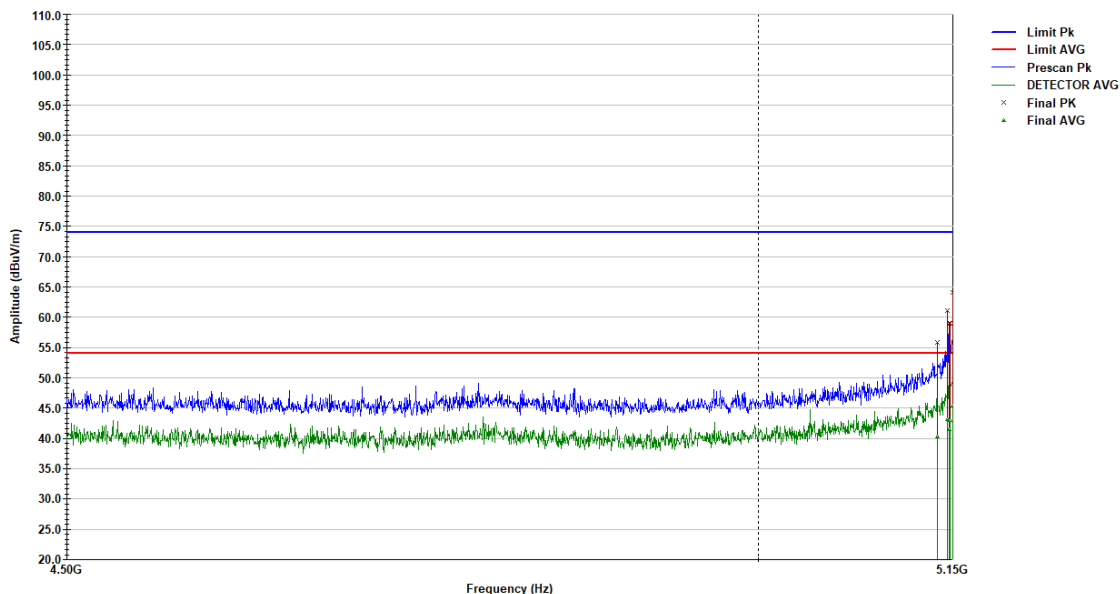
Test Mode - Tx mode, Lower Band-Edge

Vertical AVG

Operator - AG

Standard - FCC Class B

Comments - 5180MHz, 802.11ax HE20, pwr 59, mcs7



5180 mcs7 59 RE Lower Band-Edge_3117 2042.til

Last Data Update 09:33:01 AM, Tuesday, August 20, 2024

Peak Data

Freq. (MHz)	Final PK (dBμV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5137.8	55.84	7.12	-18.16	74	318	155
5145.875	61.02	7.18	-12.98	74	232	170
5147.15	59.06	7.19	-14.94	74	225	111
5147.575	59.05	7.19	-14.95	74	218	132
5150	64.06	7.21	-9.94	74	217	192

Average

Freq. (MHz)	Final AVG (dBμV/m)	Duty Cycle Corr. (dB)	Total Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Ant. Height (cm)	Azimuth (deg.)
5137.8	40.22	0.0	7.12	-13.78	54	318	155
5145.875	43.05	0.0	7.18	-10.95	54	232	170
5147.15	41.44	0.0	7.19	-12.56	54	225	111
5147.575	42.87	0.0	7.19	-11.13	54	218	132
5150	45.3	0.0	7.21	-8.7	54	217	192

Mid Channel – 5200MHz - both chains transmitting Horizontal Polarization

SGS NA, San Diego Regulatory Lab

Client/Model - Alarm.Com / V730

Radiated Emissions

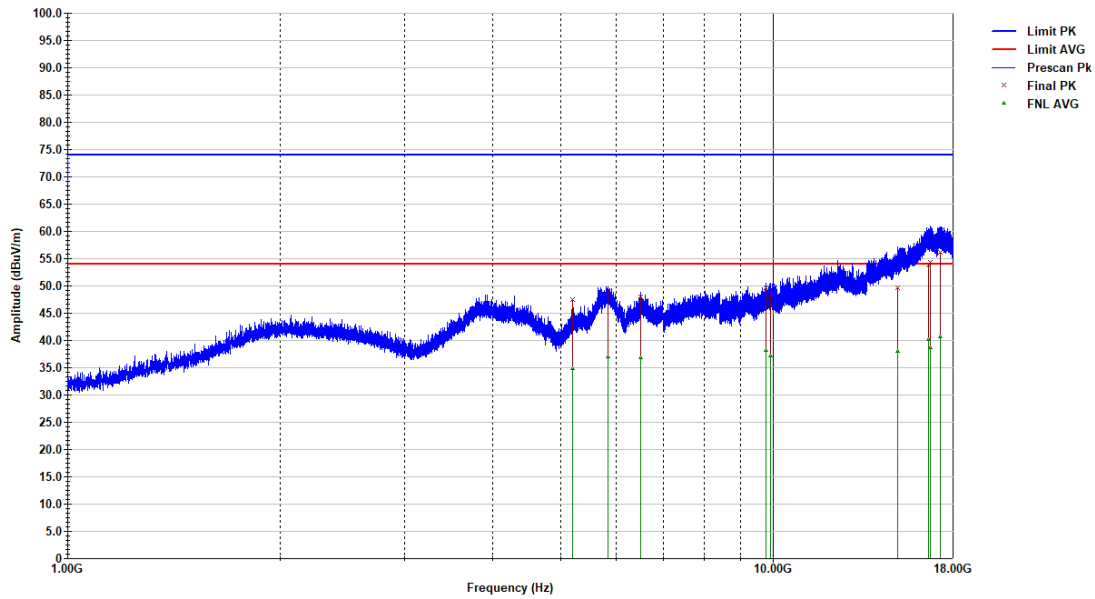
Test Mode - TX, 6 GHz HPF

Horizontal AVG

Operator - AG

Standard - FCC 15.407

Comments - 5200MHz, 802.11ax HE20, mcs0, pwr 66



5200 mcs0 66 RECISPR SW1A NC 3117 w lambda lna AVG 1G-18G 06Feb2024.ttl

Last Data Update 05:00:13 PM, Friday, July 26, 2024

Peak Data

Freq. (MHz)	Final PK (dBuV/m)	Total Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Ant. Height (cm)	Azimuth (deg.)
5202.474	47.41	7.37	-26.59	74	400	147
5838.106	48.97	9.47	-25.03	74	334	167
6494.976	48	10.91	-26	74	363	236
9787.382	49.75	19.18	-24.25	74	355	266
9933.735	48.29	19.4	-25.71	74	332	333
15012.34	49.62	28.48	-24.38	74	150	326
16612.04	53.78	33.58	-20.22	74	163	-10
16710.34	54.37	33.6	-19.63	74	400	-3
17258.47	56.16	32.64	-17.84	74	150	301