



Appendix A. Radiated Spurious Emission



15E Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 36 5180MHz		5127.95	53.44	-20.56	74	43.86	35.16	6.71	32.29	100	357	P	H	
		5127.65	42.83	-11.17	54	33.25	35.16	6.71	32.29	100	357	A	H	
	*	5182	97.53	-	-	87.86	35.22	6.73	32.28	100	357	A	H	
	*	5182	107.45	-	-	97.78	35.22	6.73	32.28	100	357	P	H	
													H	
														H
			5149.7	51.47	-22.53	74	41.86	35.18	6.72	32.29	125	337	P	V
			5127.5	39.06	-14.94	54	29.48	35.16	6.71	32.29	125	337	A	V
	*		5182	87.39	-	-	77.72	35.22	6.73	32.28	125	337	A	V
	*		5182	96.87	-	-	87.2	35.22	6.73	32.28	125	337	P	V
														V
														V
802.11a CH 44 5220MHz		5106.8	58.74	-15.26	74	49.21	35.14	6.69	32.3	100	359	P	H	
		5008.25	38.55	-15.45	54	29.22	35.02	6.64	32.33	100	359	A	H	
	*	5218	100.49	-	-	90.74	35.26	6.76	32.27	100	359	A	H	
	*	5218	107.72	-	-	97.97	35.26	6.76	32.27	100	359	P	H	
			5353.63	51.43	-22.57	74	41.41	35.42	6.83	32.23	100	359	P	H
			5364.96	39.43	-14.57	54	29.37	35.44	6.85	32.23	100	359	A	H
			5028.5	50.88	-23.12	74	41.51	35.04	6.65	32.32	104	107	P	V
			5007.65	38.53	-15.47	54	29.2	35.02	6.64	32.33	104	107	A	V
	*		5218	88.64	-	-	78.89	35.26	6.76	32.27	104	107	A	V
	*		5218	96.85	-	-	87.1	35.26	6.76	32.27	104	107	P	V
			5383.44	51.97	-22.03	74	41.85	35.46	6.88	32.22	104	107	P	V
			5363.64	39.38	-14.62	54	29.32	35.44	6.85	32.23	104	107	A	V



802.11a CH 48 5240MHz		5058.05	55.17	-18.83	74	45.73	35.08	6.67	32.31	100	0	P	H
		5026.1	38.5	-15.5	54	29.13	35.04	6.65	32.32	100	0	A	H
	*	5238	99.82	-	-	90.03	35.28	6.77	32.26	100	0	A	H
	*	5238	108.09	-	-	98.3	35.28	6.77	32.26	100	0	P	H
		5355.5	53.46	-20.54	74	43.44	35.42	6.83	32.23	100	0	P	H
		5354.18	39.61	-14.39	54	29.59	35.42	6.83	32.23	100	0	A	H
		5090.3	50.37	-23.63	74	40.87	35.12	6.68	32.3	114	45	P	V
		5024.9	38.53	-15.47	54	29.16	35.04	6.65	32.32	114	45	A	V
	*	5242	86.38	-	-	76.57	35.3	6.77	32.26	114	45	A	V
	*	5242	94.8	-	-	84.99	35.3	6.77	32.26	114	45	P	V
		5457.69	51.75	-22.25	74	41.47	35.54	6.94	32.2	114	45	P	V
		5362.65	39.38	-14.62	54	29.32	35.44	6.85	32.23	114	45	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 1 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		10360	43.04	-30.96	74	52.22	38.2	9.8	57.18	100	0	P	H
		15540	44.23	-29.77	74	50.05	40.64	11.81	58.27	100	0	P	H
													H
													H
		10360	42.67	-31.33	74	51.85	38.2	9.8	57.18	100	0	P	V
		15540	44.39	-29.61	74	50.21	40.64	11.81	58.27	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	42.23	-31.77	74	51.35	38.2	9.82	57.14	100	0	P	H
		15660	45.09	-28.91	74	50.68	40.79	11.8	58.18	100	0	P	H
													H
													H
		10440	42.8	-31.2	74	51.92	38.2	9.82	57.14	100	0	P	V
		15660	45.1	-28.9	74	50.69	40.79	11.8	58.18	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	42.31	-31.69	74	51.38	38.2	9.84	57.11	100	0	P	H
		15720	43.89	-30.11	74	49.34	40.87	11.8	58.12	100	0	P	H
													H
													H
		10480	43.47	-30.53	74	52.54	38.2	9.84	57.11	100	0	P	V
		15720	43.74	-30.26	74	49.19	40.87	11.8	58.12	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11n HT20 CH 36 5180MHz		5128.55	55.71	-18.29	74	46.13	35.16	6.71	32.29	102	358	P	H	
		5128.25	45.09	-8.91	54	35.51	35.16	6.71	32.29	102	358	A	H	
	*	5178	97.69	-	-	88.02	35.22	6.73	32.28	102	358	A	H	
	*	5178	107.83	-	-	98.16	35.22	6.73	32.28	102	358	P	H	
													H	
													H	
														V
														V
														V
														V
802.11n HT20 CH 44 5220MHz		5032.55	51.53	-22.47	74	42.16	35.04	6.65	32.32	100	358	P	H	
		5008.4	38.47	-15.53	54	29.14	35.02	6.64	32.33	100	358	A	H	
	*	5218	97.65	-	-	87.9	35.26	6.76	32.27	100	358	A	H	
	*	5218	107.32	-	-	97.57	35.26	6.76	32.27	100	358	P	H	
														V
														V
														V
														V
														V
														V



802.11n HT20 CH 48 5240MHz		5003.15	51.7	-22.3	74	42.39	35	6.64	32.33	100	358	P	H
		5025.2	38.58	-15.42	54	29.21	35.04	6.65	32.32	100	358	A	H
	*	5238	97.29	-	-	87.5	35.28	6.77	32.26	100	358	A	H
	*	5238	107.12	-	-	97.33	35.28	6.77	32.26	100	358	P	H
		5437.23	51.72	-22.28	74	41.49	35.52	6.92	32.21	100	358	P	H
		5363.53	39.49	-14.51	54	29.43	35.44	6.85	32.23	100	358	A	H
		5029.85	50.76	-23.24	74	41.39	35.04	6.65	32.32	110	330	P	V
		5001.95	38.53	-15.47	54	29.22	35	6.64	32.33	110	330	A	V
	*	5238	88.81	-	-	79.02	35.28	6.77	32.26	110	330	A	V
	*	5238	96.65	-	-	86.86	35.28	6.77	32.26	110	330	P	V
		5401.59	52.28	-21.72	74	42.14	35.48	6.88	32.22	110	330	P	V
		5365.07	39.58	-14.42	54	29.52	35.44	6.85	32.23	110	330	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		10360	42.87	-31.13	74	52.05	38.2	9.8	57.18	100	0	P	H
		15540	43.98	-30.02	74	49.8	40.64	11.81	58.27	100	0	P	H
													H
													H
		10360	42.99	-31.01	74	52.17	38.2	9.8	57.18	100	0	P	V
		15540	44.12	-29.88	74	49.94	40.64	11.81	58.27	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	41.32	-32.68	74	50.44	38.2	9.82	57.14	100	0	P	H
		15660	45.81	-28.19	74	51.4	40.79	11.8	58.18	100	0	P	H
													H
													H
		10440	42.03	-31.97	74	51.15	38.2	9.82	57.14	100	0	P	V
		15660	45	-29	74	50.59	40.79	11.8	58.18	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	42.21	-31.79	74	51.28	38.2	9.84	57.11	100	0	P	H
		15720	44.06	-29.94	74	49.51	40.87	11.8	58.12	100	0	P	H
													H
													H
		10480	41.49	-32.51	74	50.56	38.2	9.84	57.11	100	0	P	V
		15720	44.09	-29.91	74	49.54	40.87	11.8	58.12	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		5148.95	63.73	-10.27	74	54.12	35.18	6.72	32.29	102	0	P	H
		5150	44.45	-9.55	54	34.84	35.18	6.72	32.29	102	0	A	H
	*	5188	94.9	-	-	85.23	35.22	6.73	32.28	102	0	A	H
	*	5188	104.64	-	-	94.97	35.22	6.73	32.28	102	0	P	H
		5404.89	52.1	-21.9	74	41.94	35.48	6.9	32.22	102	0	P	H
		5363.97	40.08	-13.92	54	30.02	35.44	6.85	32.23	102	0	A	H
		5139.95	51.02	-22.98	74	41.42	35.18	6.71	32.29	124	337	P	V
		5150	39.18	-14.82	54	29.57	35.18	6.72	32.29	124	337	A	V
	*	5188	84.13	-	-	74.46	35.22	6.73	32.28	124	337	A	V
	*	5188	94.34	-	-	84.67	35.22	6.73	32.28	124	337	P	V
		5359.02	51.7	-22.3	74	41.66	35.42	6.85	32.23	124	337	P	V
		5365.51	39.95	-14.05	54	29.89	35.44	6.85	32.23	124	337	A	V
802.11n HT40 CH 46 5230MHz		5125.85	51.39	-22.61	74	41.81	35.16	6.71	32.29	100	0	P	H
		5127.5	41.23	-12.77	54	31.65	35.16	6.71	32.29	100	0	A	H
	*	5228	97.26	-	-	87.48	35.28	6.76	32.26	100	0	A	H
	*	5228	104.86	-	-	95.08	35.28	6.76	32.26	100	0	P	H
		5378.93	52.42	-21.58	74	42.33	35.46	6.85	32.22	100	0	P	H
		5362.98	40.11	-13.89	54	30.05	35.44	6.85	32.23	100	0	A	H
		5003.3	50.65	-23.35	74	41.34	35	6.64	32.33	110	327	P	V
		5040.5	39.18	-14.82	54	29.79	35.06	6.65	32.32	110	327	A	V
	*	5228	83.22	-	-	73.44	35.28	6.76	32.26	110	327	A	V
	*	5228	94.23	-	-	84.45	35.28	6.76	32.26	110	327	P	V
		5365.29	51.89	-22.11	74	41.83	35.44	6.85	32.23	110	327	P	V
		5368.92	40.02	-13.98	54	29.96	35.44	6.85	32.23	110	327	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		10380	42.94	-31.06	74	52.1	38.2	9.81	57.17	100	0	P	H
		15570	44.88	-29.12	74	50.63	40.68	11.81	58.24	100	0	P	H
													H
													H
		10380	42.87	-31.13	74	52.03	38.2	9.81	57.17	100	0	P	V
		15570	43.87	-30.13	74	49.62	40.68	11.81	58.24	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	42.54	-31.46	74	51.64	38.2	9.83	57.13	100	0	P	H
		15690	42.66	-31.34	74	48.18	40.83	11.8	58.15	100	0	P	H
													H
													H
		10460	46.36	-27.64	74	55.46	38.2	9.83	57.13	100	0	P	V
		15690	43.4	-30.6	74	48.92	40.83	11.8	58.15	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5008.4	50.83	-23.17	74	41.5	35.02	6.64	32.33	100	359	P	H
		5034.5	38.45	-15.55	54	29.08	35.04	6.65	32.32	100	359	A	H
	*	5258	100.15	-	-	90.34	35.3	6.77	32.26	100	359	A	H
	*	5258	107.31	-	-	97.5	35.3	6.77	32.26	100	359	P	H
		5362.87	55.07	-18.93	74	45.01	35.44	6.85	32.23	100	359	P	H
		5368.48	39.53	-14.47	54	29.47	35.44	6.85	32.23	100	359	A	H
		5105.15	50.63	-23.37	74	41.12	35.12	6.69	32.3	102	107	P	V
		5000.9	38.59	-15.41	54	29.28	35	6.64	32.33	102	107	A	V
	*	5258	86.83	-	-	77.02	35.3	6.77	32.26	102	107	A	V
	*	5258	94.73	-	-	84.92	35.3	6.77	32.26	102	107	P	V
		5371.89	52.22	-21.78	74	42.16	35.44	6.85	32.23	102	107	P	V
		5355.5	39.33	-14.67	54	29.31	35.42	6.83	32.23	102	107	A	V
802.11a CH 60 5300MHz		5007.65	51.76	-22.24	74	42.43	35.02	6.64	32.33	100	0	P	H
		5014.1	38.46	-15.54	54	29.13	35.02	6.64	32.33	100	0	A	H
	*	5298	100.07	-	-	90.16	35.36	6.8	32.25	100	0	A	H
	*	5298	106.75	-	-	96.84	35.36	6.8	32.25	100	0	P	H
		5352.31	54.32	-19.68	74	44.3	35.42	6.83	32.23	100	0	P	H
		5352.2	43.63	-10.37	54	33.61	35.42	6.83	32.23	100	0	A	H
		5105.75	51.93	-22.07	74	42.4	35.14	6.69	32.3	100	58	P	V
		5003.6	38.51	-15.49	54	29.18	35.02	6.64	32.33	100	58	A	V
	*	5302	84.22	-	-	74.31	35.36	6.8	32.25	100	58	A	V
	*	5302	91.72	-	-	81.81	35.36	6.8	32.25	100	58	P	V
		5366.94	52.06	-21.94	74	42	35.44	6.85	32.23	100	58	P	V
		5352.09	39.55	-14.45	54	29.53	35.42	6.83	32.23	100	58	A	V



802.11a CH 64 5320MHz	*	5322	100.24	-	-	90.29	35.38	6.81	32.24	100	357	A	H
	*	5322	107.85	-	-	97.9	35.38	6.81	32.24	100	357	P	H
		5366.72	61.54	-12.46	74	51.48	35.44	6.85	32.23	100	357	P	H
		5372.22	43.86	-10.14	54	33.8	35.44	6.85	32.23	100	357	A	H
													H
													H
	*	5318	86.54	-	-	76.59	35.38	6.81	32.24	100	50	A	V
	*	5318	93.34	-	-	83.39	35.38	6.81	32.24	100	50	P	V
		5365.07	51.54	-22.46	74	41.48	35.44	6.85	32.23	100	50	P	V
		5351.54	39.41	-14.59	54	29.39	35.42	6.83	32.23	100	50	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 2 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 52 5260MHz		10520	43.27	-30.73	74	52.3	38.21	9.86	57.1	100	0	P	H	
		15780	44.3	-29.7	74	49.65	40.93	11.8	58.08	100	0	P	H	
													H	
													H	
		10520	42.82	-31.18	74	51.85	38.21	9.86	57.1	100	0	P	V	
		15780	43.21	-30.79	74	48.56	40.93	11.8	58.08	100	0	P	V	
														V
														V
802.11a CH 60 5300MHz		10600	41.71	-32.29	74	50.67	38.28	9.88	57.12	100	0	P	H	
		15900	43.73	-30.27	74	48.86	41.08	11.77	57.98	100	0	P	H	
													H	
													H	
		10600	40.91	-33.09	74	49.87	38.28	9.88	57.12	100	0	P	V	
		15900	43.76	-30.24	74	48.89	41.08	11.77	57.98	100	0	P	V	
														V
														V
802.11a CH 64 5320MHz		10640	40.31	-33.69	74	49.23	38.31	9.9	57.13	100	0	P	H	
		15960	43.93	-30.07	74	48.94	41.16	11.76	57.93	100	0	P	H	
													H	
													H	
		10640	40.56	-33.44	74	49.48	38.31	9.9	57.13	100	0	P	V	
		15960	44.27	-29.73	74	49.28	41.16	11.76	57.93	100	0	P	V	
														V
														V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**15E band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		5042.3	50.91	-23.09	74	41.52	35.06	6.65	32.32	100	358	P	H
		5010.95	38.56	-15.44	54	29.23	35.02	6.64	32.33	100	358	A	H
	*	5258	96.65	-	-	86.84	35.3	6.77	32.26	100	358	A	H
	*	5258	106.95	-	-	97.14	35.3	6.77	32.26	100	358	P	H
		5351.65	51.51	-22.49	74	41.49	35.42	6.83	32.23	100	358	P	H
		5364.41	39.62	-14.38	54	29.56	35.44	6.85	32.23	100	358	A	H
		5017.4	51.13	-22.87	74	41.8	35.02	6.64	32.33	108	324	P	V
		5004.95	38.61	-15.39	54	29.28	35.02	6.64	32.33	108	324	A	V
	*	5258	86.84	-	-	77.03	35.3	6.77	32.26	108	324	A	V
	*	5258	96.95	-	-	87.14	35.3	6.77	32.26	108	324	P	V
		5366.72	52.01	-21.99	74	41.95	35.44	6.85	32.23	108	324	P	V
		5360.56	39.4	-14.6	54	29.34	35.44	6.85	32.23	108	324	A	V
802.11n HT20 CH 60 5300MHz		5030.3	50.98	-23.02	74	41.61	35.04	6.65	32.32	100	357	P	H
		5024.15	38.64	-15.36	54	29.27	35.04	6.65	32.32	100	357	A	H
	*	5302	98.43	-	-	88.52	35.36	6.8	32.25	100	357	A	H
	*	5302	106.72	-	-	96.81	35.36	6.8	32.25	100	357	P	H
		5351.87	55.16	-18.84	74	45.14	35.42	6.83	32.23	100	357	P	H
		5351.76	44.48	-9.52	54	34.46	35.42	6.83	32.23	100	357	A	H
		5067.35	50.92	-23.08	74	41.48	35.08	6.67	32.31	116	51	P	V
		5003.45	38.48	-15.52	54	29.17	35	6.64	32.33	116	51	A	V
	*	5298	85.82	-	-	75.91	35.36	6.8	32.25	116	51	A	V
	*	5298	95.47	-	-	85.56	35.36	6.8	32.25	116	51	P	V
		5377.5	51.87	-22.13	74	41.78	35.46	6.85	32.22	116	51	P	V
		5351.98	39.82	-14.18	54	29.8	35.42	6.83	32.23	116	51	A	V



802.11n HT20 CH 64 5320MHz	*	5322	96.6	-	-	86.65	35.38	6.81	32.24	100	356	A	H
	*	5322	107.11	-	-	97.16	35.38	6.81	32.24	100	356	P	H
		5350.55	56.82	-17.18	74	46.8	35.42	6.83	32.23	100	356	P	H
		5371.56	44.01	-9.99	54	33.95	35.44	6.85	32.23	100	356	A	H
													H
													H
	*	5318	84.63	-	-	74.68	35.38	6.81	32.24	114	45	A	V
	*	5318	94.91	-	-	84.96	35.38	6.81	32.24	114	45	P	V
		5350.11	51.71	-22.29	74	41.69	35.42	6.83	32.23	114	45	P	V
		5373.21	39.5	-14.5	54	29.44	35.44	6.85	32.23	114	45	A	V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		10520	42.43	-31.57	74	51.46	38.21	9.86	57.1	100	0	P	H
		15780	43.81	-30.19	74	49.16	40.93	11.8	58.08	100	0	P	H
													H
													H
		10520	42.29	-31.71	74	51.32	38.21	9.86	57.1	100	0	P	V
		15780	44.88	-29.12	74	50.23	40.93	11.8	58.08	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	41.64	-32.36	74	50.6	38.28	9.88	57.12	100	0	P	H
		15900	43	-31	74	48.13	41.08	11.77	57.98	100	0	P	H
													H
													H
		10600	40.6	-33.4	74	49.56	38.28	9.88	57.12	100	0	P	V
		15900	44.01	-29.99	74	49.14	41.08	11.77	57.98	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	40.08	-33.92	74	49	38.31	9.9	57.13	100	0	P	H
		15960	44.46	-29.54	74	49.47	41.16	11.76	57.93	100	0	P	H
													H
													H
		10640	40.37	-33.63	74	49.29	38.31	9.9	57.13	100	0	P	V
		15960	44.91	-29.09	74	49.92	41.16	11.76	57.93	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		5050.85	50.6	-23.4	74	41.19	35.06	6.67	32.32	100	0	P	H
		5055.35	39.28	-14.72	54	29.84	35.08	6.67	32.31	100	0	A	H
	*	5272	94.07	-	-	84.22	35.32	6.79	32.26	100	0	A	H
	*	5272	103.92	-	-	94.07	35.32	6.79	32.26	100	0	P	H
		5373.32	52.3	-21.7	74	42.24	35.44	6.85	32.23	100	0	P	H
		5373.32	41.31	-12.69	54	31.25	35.44	6.85	32.23	100	0	A	H
		5110.25	50.45	-23.55	74	40.92	35.14	6.69	32.3	114	43	P	V
		5009	39.15	-14.85	54	29.82	35.02	6.64	32.33	114	43	A	V
	*	5272	82.3	-	-	72.45	35.32	6.79	32.26	114	43	A	V
	*	5272	91.95	-	-	82.1	35.32	6.79	32.26	114	43	P	V
		5407.97	51.98	-22.02	74	41.82	35.48	6.9	32.22	114	43	P	V
		5353.96	40.06	-13.94	54	30.04	35.42	6.83	32.23	114	43	A	V
802.11n HT40 CH 62 5310MHz		5147.6	50.86	-23.14	74	41.25	35.18	6.72	32.29	100	0	P	H
		5019.05	39.24	-14.76	54	29.91	35.02	6.64	32.33	100	0	A	H
	*	5312	94.09	-	-	84.14	35.38	6.81	32.24	100	0	A	H
	*	5312	103.72	-	-	93.77	35.38	6.81	32.24	100	0	P	H
		5350.11	67.26	-6.74	74	57.24	35.42	6.83	32.23	100	0	P	H
		5374.31	46.84	-7.16	54	36.78	35.44	6.85	32.23	100	0	A	H
		5040.5	50.56	-23.44	74	41.17	35.06	6.65	32.32	100	57	P	V
		5005.7	39.02	-14.98	54	29.69	35.02	6.64	32.33	100	57	A	V
	*	5308	82.45	-	-	72.53	35.36	6.81	32.25	100	57	A	V
	*	5308	89.72	-	-	79.8	35.36	6.81	32.25	100	57	P	V
	5350.44	52.85	-21.15	74	42.83	35.42	6.83	32.23	100	57	P	V	
	5351.32	41.07	-12.93	54	31.05	35.42	6.83	32.23	100	57	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 2 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		10540	43.68	-30.32	74	52.7	38.23	9.86	57.11	100	0	P	H
		15810	43.42	-30.58	74	48.7	40.97	11.8	58.05	100	0	P	H
													H
													H
		10540	47.29	-26.71	74	56.31	38.23	9.86	57.11	100	0	P	V
		15810	43.65	-30.35	74	48.93	40.97	11.8	58.05	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	41.34	-32.66	74	50.27	38.3	9.89	57.12	100	0	P	H
		15930	43.7	-30.3	74	48.78	41.12	11.76	57.96	100	0	P	H
													H
													H
		10620	40.78	-33.22	74	49.71	38.3	9.89	57.12	100	0	P	V
		15930	44.15	-29.85	74	49.23	41.12	11.76	57.96	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 100 5500MHz		5467.6	61	-13	74	50.7	35.56	6.94	32.2	122	340	P	H	
		5447.6	43.28	-10.72	54	33.02	35.54	6.92	32.2	122	340	A	H	
	*	5498	97.46	-	-	87.09	35.6	6.96	32.19	122	340	A	H	
	*	5498	105.73	-	-	95.36	35.6	6.96	32.19	122	340	P	H	
													H	
													H	
			5404.56	52.08	-21.92	74	41.92	35.48	6.9	32.22	100	31	P	V
			5447.92	39.58	-14.42	54	29.32	35.54	6.92	32.2	100	31	A	V
	*		5498	88.6	-	-	78.23	35.6	6.96	32.19	100	31	A	V
	*		5498	96.39	-	-	86.02	35.6	6.96	32.19	100	31	P	V
													V	
													V	
802.11a CH 116 5580MHz		5359.6	51.68	-22.32	74	41.64	35.42	6.85	32.23	121	340	P	H	
		5353.36	39.4	-14.6	54	29.38	35.42	6.83	32.23	121	340	A	H	
	*	5582	96.39	-	-	85.84	35.67	7.04	32.16	121	340	A	H	
	*	5582	106.11	-	-	95.56	35.67	7.04	32.16	121	340	P	H	
			5745.16	52.5	-21.5	74	41.64	35.79	7.18	32.11	121	340	P	H
			5760.92	39.85	-14.15	54	28.97	35.81	7.18	32.11	121	340	A	H
			5414.64	51.88	-22.12	74	41.69	35.5	6.9	32.21	100	193	P	V
			5362.32	39.41	-14.59	54	29.35	35.44	6.85	32.23	100	193	A	V
	*		5582	90.11	-	-	79.56	35.67	7.04	32.16	100	193	A	V
	*		5582	100.36	-	-	89.81	35.67	7.04	32.16	100	193	P	V
			5757.4	51.99	-22.01	74	41.11	35.81	7.18	32.11	100	193	P	V
			5761.48	39.87	-14.13	54	28.99	35.81	7.18	32.11	100	193	A	V



802.11a CH 140 5700MHz	*	5698	99.21	-	-	88.44	35.75	7.15	32.13	104	355	A	H
	*	5698	108.46	-	-	97.69	35.75	7.15	32.13	104	355	P	H
		5764.04	66.85	-7.15	74	55.95	35.81	7.2	32.11	104	355	P	H
		5727.32	48.22	-5.78	54	37.4	35.78	7.16	32.12	104	355	A	H
													H
													H
	*	5699	90.33	-	-	79.56	35.75	7.15	32.13	100	222	A	V
	*	5699	100.55	-	-	89.78	35.75	7.15	32.13	100	222	P	V
		5725.24	58.65	-15.35	74	47.83	35.78	7.16	32.12	100	222	P	V
		5735.4	41.74	-12.26	54	30.9	35.79	7.16	32.11	100	222	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		11000	41.05	-32.95	74	49.57	38.6	10.08	57.2	100	0	P	H
		16500	44.36	-29.64	74	47.88	41.4	12.18	57.1	100	0	P	H
													H
													H
		11000	40.94	-33.06	74	49.46	38.6	10.08	57.2	100	0	P	V
		16500	44.22	-29.78	74	47.74	41.4	12.18	57.1	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	42.28	-31.72	74	50.5	38.73	10.15	57.1	100	0	P	H
		16740	45	-29	74	48.04	41.74	12.32	57.1	100	0	P	H
													H
													H
		11160	41.75	-32.25	74	49.97	38.73	10.15	57.1	100	0	P	V
		16740	45.02	-28.98	74	48.06	41.74	12.32	57.1	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	42.3	-31.7	74	50.06	38.92	10.28	56.96	100	0	P	H
		17100	45.46	-28.54	74	48.28	42.06	12.48	57.36	100	0	P	H
													H
													H
		11400	42	-32	74	49.76	38.92	10.28	56.96	100	0	P	V
		17100	46.12	-27.88	74	48.94	42.06	12.48	57.36	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11n HT20 CH 100 5500MHz		5469.36	59.22	-14.78	74	48.92	35.56	6.94	32.2	121	339	P	H	
		5448.4	45.18	-8.82	54	34.92	35.54	6.92	32.2	121	339	A	H	
	*	5498	95.62	-	-	85.25	35.6	6.96	32.19	121	339	A	H	
	*	5498	105.23	-	-	94.86	35.6	6.96	32.19	121	339	P	H	
													H	
														H
			5447.92	56.52	-17.48	74	46.26	35.54	6.92	32.2	100	197	P	V
			5469.36	40.72	-13.28	54	30.42	35.56	6.94	32.2	100	197	A	V
	*		5502	87.15	-	-	76.76	35.6	6.98	32.19	100	197	A	V
	*		5502	98.37	-	-	87.98	35.6	6.98	32.19	100	197	P	V
														V
														V
802.11n HT20 CH 116 5580MHz		5423.76	52.28	-21.72	74	42.09	35.5	6.9	32.21	133	339	P	H	
		5366.96	39.32	-14.68	54	29.26	35.44	6.85	32.23	133	339	A	H	
	*	5578	94.17	-	-	83.64	35.66	7.04	32.17	133	339	A	H	
	*	5578	104.52	-	-	93.99	35.66	7.04	32.17	133	339	P	H	
			5757.4	51.89	-22.11	74	41.01	35.81	7.18	32.11	133	339	P	H
			5761.72	39.92	-14.08	54	29.04	35.81	7.18	32.11	133	339	A	H
			5386	52.74	-21.26	74	42.62	35.46	6.88	32.22	100	192	P	V
			5357.52	39.42	-14.58	54	29.38	35.42	6.85	32.23	100	192	A	V
	*		5578	92.06	-	-	81.53	35.66	7.04	32.17	100	192	A	V
	*		5578	99.51	-	-	88.98	35.66	7.04	32.17	100	192	P	V
			5750.6	51.85	-22.15	74	40.99	35.79	7.18	32.11	100	192	P	V
			5763.16	39.89	-14.11	54	29.01	35.81	7.18	32.11	100	192	A	V



802.11n HT20 CH 140 5700MHz	*	5698	97.01	-	-	86.24	35.75	7.15	32.13	104	12	A	H
	*	5698	107.89	-	-	97.12	35.75	7.15	32.13	104	12	P	H
		5729.32	70.74	-3.26	74	59.92	35.78	7.16	32.12	104	12	P	H
		5751.56	46.68	-7.32	54	35.8	35.81	7.18	32.11	104	12	A	H
													H
													H
	*	5698	88.35	-	-	77.58	35.75	7.15	32.13	100	236	A	V
	*	5698	98.37	-	-	87.6	35.75	7.15	32.13	100	236	P	V
		5725.4	60.83	-13.17	74	50.01	35.78	7.16	32.12	100	236	P	V
		5725.08	41.1	-12.9	54	30.28	35.78	7.16	32.12	100	236	A	V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		11000	41.96	-32.04	74	50.48	38.6	10.08	57.2	100	0	P	H
		16500	44.06	-29.94	74	47.58	41.4	12.18	57.1	100	0	P	H
													H
													H
		11000	41.74	-32.26	74	50.26	38.6	10.08	57.2	100	0	P	V
		16500	43.77	-30.23	74	47.29	41.4	12.18	57.1	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	41.58	-32.42	74	49.8	38.73	10.15	57.1	100	0	P	H
		16740	45.23	-28.77	74	48.27	41.74	12.32	57.1	100	0	P	H
													H
													H
		11160	41.53	-32.47	74	49.75	38.73	10.15	57.1	100	0	P	V
		16740	44.53	-29.47	74	47.57	41.74	12.32	57.1	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	41.2	-32.8	74	48.96	38.92	10.28	56.96	100	0	P	H
		17100	45.03	-28.97	74	47.85	42.06	12.48	57.36	100	0	P	H
													H
													H
		11400	41.66	-32.34	74	49.42	38.92	10.28	56.96	100	0	P	V
		17100	45.62	-28.38	74	48.44	42.06	12.48	57.36	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		5469.68	64.98	-9.02	74	54.68	35.56	6.94	32.2	120	338	P	H
		5469.68	46.45	-7.55	54	36.15	35.56	6.94	32.2	120	338	A	H
	*	5512	93.6	-	-	83.21	35.6	6.98	32.19	120	338	A	H
	*	5512	102.19	-	-	91.8	35.6	6.98	32.19	120	338	P	H
		5737.24	52.33	-21.67	74	41.49	35.79	7.16	32.11	120	338	P	H
		5757.72	40.31	-13.69	54	29.43	35.81	7.18	32.11	120	338	A	H
		5463.12	58.69	-15.31	74	48.39	35.56	6.94	32.2	100	192	P	V
		5469.68	44.68	-9.32	54	34.38	35.56	6.94	32.2	100	192	A	V
	*	5512	87.81	-	-	77.42	35.6	6.98	32.19	100	192	A	V
	*	5512	96.39	-	-	86	35.6	6.98	32.19	100	192	P	V
		5753.16	52.42	-21.58	74	41.54	35.81	7.18	32.11	100	192	P	V
		5734.52	40.27	-13.73	54	29.43	35.79	7.16	32.11	100	192	A	V
802.11n HT40 CH 110 5550MHz		5447.76	53.46	-20.54	74	43.2	35.54	6.92	32.2	107	358	P	H
		5447.12	42.96	-11.04	54	32.7	35.54	6.92	32.2	107	358	A	H
	*	5548	95.95	-	-	85.46	35.64	7.02	32.17	107	358	A	H
	*	5548	105.71	-	-	95.22	35.64	7.02	32.17	107	358	P	H
		5734.28	52.86	-21.14	74	42.04	35.78	7.16	32.12	107	358	P	H
		5760.44	40.36	-13.64	54	29.48	35.81	7.18	32.11	107	358	A	H
		5450.96	51.95	-22.05	74	41.69	35.54	6.92	32.2	100	192	P	V
		5466.8	40.2	-13.8	54	29.9	35.56	6.94	32.2	100	192	A	V
	*	5548	87.69	-	-	77.2	35.64	7.02	32.17	100	192	A	V
	*	5548	97.35	-	-	86.86	35.64	7.02	32.17	100	192	P	V
		5735.56	52.27	-21.73	74	41.43	35.79	7.16	32.11	100	192	P	V
		5758.84	40.28	-13.72	54	29.4	35.81	7.18	32.11	100	192	A	V



802.11n HT40 CH 134 5670MHz		5353.36	52.05	-21.95	74	42.03	35.42	6.83	32.23	118	0	P	H
		5350.96	39.99	-14.01	54	29.97	35.42	6.83	32.23	118	0	A	H
	*	5668	94.24	-	-	83.53	35.74	7.1	32.13	118	0	A	H
	*	5668	104.26	-	-	93.55	35.74	7.1	32.13	118	0	P	H
		5740.92	62.91	-11.09	74	52.05	35.79	7.18	32.11	118	0	P	H
		5725	43.08	-10.92	54	32.26	35.78	7.16	32.12	118	0	P	H
		5350.32	51.79	-22.21	74	41.77	35.42	6.83	32.23	100	214	P	V
		5359.92	39.99	-14.01	54	29.95	35.42	6.85	32.23	100	214	A	V
	*	5672	91.16	-	-	80.42	35.74	7.13	32.13	100	214	A	V
	*	5672	97.28	-	-	86.54	35.74	7.13	32.13	100	214	P	V
		5740.76	55.63	-18.37	74	44.77	35.79	7.18	32.11	100	214	P	V
		5725.32	44.74	-9.26	54	33.92	35.78	7.16	32.12	100	214	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		11020	41.46	-32.54	74	49.95	38.61	10.09	57.19	100	0	P	H
		16530	43.64	-30.36	74	47.09	41.45	12.2	57.1	100	0	P	H
													H
													H
		11020	41.21	-32.79	74	49.7	38.61	10.09	57.19	100	0	P	V
		16530	43.87	-30.13	74	47.32	41.45	12.2	57.1	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	39.86	-34.14	74	48.19	38.68	10.13	57.14	100	0	P	H
		16650	44.49	-29.51	74	47.69	41.62	12.28	57.1	100	0	P	H
													H
													H
		11100	41.09	-32.91	74	49.42	38.68	10.13	57.14	100	0	P	V
		16650	44.91	-29.09	74	48.11	41.62	12.28	57.1	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	40.36	-33.64	74	48.24	38.87	10.25	57	100	0	P	H
		17010	43.9	-30.1	74	46.51	42.09	12.44	57.14	100	0	P	H
													H
													H
		11340	40.45	-33.55	74	48.33	38.87	10.25	57	100	0	P	V
		17010	43.78	-30.22	74	46.39	42.09	12.44	57.14	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E Emission Below 1GHz

WIFI 802.11a (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a LF		100.47	8.52	-34.98	43.5	28.76	10.44	1.1	31.78			P	H	
		136.38	12.19	-31.31	43.5	31.22	11.5	1.25	31.78			P	H	
		184.44	20.56	-22.94	43.5	42.02	8.9	1.42	31.78	109	336	P	H	
		482.7	15.68	-30.32	46	27.59	17.76	2.2	31.87			P	H	
		645.1	18.29	-27.71	46	27.37	20.4	2.56	32.04			P	H	
		666.1	17.97	-28.03	46	27.11	20.3	2.6	32.04			P	H	
														H
														H
														H
														H
														H
														H
			67.53	22.78	-17.22	40	47.42	6.24	0.91	31.79	125	101	P	V
			98.31	18.78	-24.72	43.5	39.55	9.92	1.09	31.78			P	V
			127.74	14.46	-29.04	43.5	33.12	11.9	1.22	31.78			P	V
			461.7	16.93	-29.07	46	29.22	17.42	2.15	31.86			P	V
			561.1	19.07	-26.93	46	28.65	20.05	2.35	31.98			P	V
			669.6	19.55	-26.45	46	28.69	20.3	2.6	32.04			P	V
														V
													V	
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



Note symbol for Part 15E rule

15E band 1 - 5150~5250MHz

15E band 2 - 5250~5350MHz

15E band 3 - 5470~5725MHz

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency per 15.209(c).
!	Test result is over limit line.
@	Frequency falls in non-restricted band complies with the alternative limit of 15.209 per FCC KDB 789033 D01 General UNII Test Procedures v01r02.
#	Peak measured value is under 20dB and complies with the average limit, so it is unnecessary to perform an average measurement per clause 6.5.4.2 of ANSI C63.10.
P/A	Peak or Average
H/V	Horizontal or Vertical



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

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

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
 = 55.45 (dBμV/m)

2. Over Limit(dB)
 = Level(dBμV/m) – Limit Line(dBμV/m)
 = 55.45(dBμV/m) – 74(dBμV/m)
 = -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
 = 43.54 (dBμV/m)

2. Over Limit(dB)
 = Level(dBμV/m) – Limit Line(dBμV/m)
 = 43.54(dBμV/m) – 54(dBμV/m)
 = -10.46(dB)

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