



## Appendix B. Radiated Spurious Emission

Test Engineer :	Derreck Chen	Temperature :	19~21°C
		Relative Humidity :	43~44%

### 15E Band 4 - 5725~5850MHz

### 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 149 5745MHz		5712.68	49.35	-24.65	74	41.31	32.29	9.39	33.64	100	198	P	H	
		5718.68	55.59	-22.71	78.3	47.53	32.31	9.39	33.64	100	198	P	H	
		5714.6	42.09	-11.91	54	34.05	32.29	9.39	33.64	100	198	A	H	
	*	5747	91.79	-	-	83.66	32.34	9.44	33.65	100	198	P	H	
	*	5747	86.04	-	-	77.91	32.34	9.44	33.65	100	198	A	H	
														H
														H
														H
			5710.28	62.44	-11.56	74	54.4	32.29	9.39	33.64	160	354	P	V
			5724.04	70	-8.3	78.3	61.89	32.31	9.44	33.64	160	354	P	V
			5714.6	53.59	-0.41	54	45.55	32.29	9.39	33.64	160	354	A	V
	*		5741	108.48	-	-	100.35	32.34	9.44	33.65	160	354	P	V
	*		5741	101.87	-	-	93.74	32.34	9.44	33.65	160	354	A	V
														V
														V
													V	



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 157 5785MHz		5702.2	48.32	-25.68	74	40.27	32.29	9.39	33.63	201	188	P	H
		5721.64	47.66	-30.64	78.3	39.55	32.31	9.44	33.64	201	188	P	H
		5700.04	39.83	-14.17	54	31.8	32.27	9.39	33.63	201	188	A	H
	*	5785	94.37	-	-	86.13	32.41	9.49	33.66	201	188	P	H
	*	5785	87.14	-	-	78.92	32.39	9.49	33.66	201	188	A	H
		5855.76	49.63	-28.67	78.3	41.26	32.51	9.54	33.68	201	188	P	H
		5870.16	49.46	-24.54	74	41.1	32.51	9.54	33.69	201	188	P	H
		5867.92	40.47	-13.53	54	32.11	32.51	9.54	33.69	201	188	A	H
		5712.84	54.96	-19.04	74	46.92	32.29	9.39	33.64	141	359	P	V
		5721.96	58.42	-19.88	78.3	50.31	32.31	9.44	33.64	141	359	P	V
		5713.56	46.5	-7.5	54	38.46	32.29	9.39	33.64	141	359	A	V
	*	5785	109.2	-	-	100.96	32.41	9.49	33.66	141	359	P	V
	*	5785	102.53	-	-	94.31	32.39	9.49	33.66	141	359	A	V
		5851.04	55.43	-22.87	78.3	47.09	32.48	9.54	33.68	141	359	P	V
		5867.68	55.37	-18.63	74	47.01	32.51	9.54	33.69	141	359	P	V
	5864.88	46.93	-7.07	54	38.57	32.51	9.54	33.69	141	359	A	V	



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 165 5825MHz	*	5822	92.93	-	-	84.62	32.46	9.52	33.67	107	190	P	H	
	*	5822	85.09	-	-	76.78	32.46	9.52	33.67	107	190	A	H	
		5850.96	52.08	-26.22	78.3	43.74	32.48	9.54	33.68	107	190	P	H	
		5888.88	49.84	-24.16	74	41.41	32.56	9.57	33.7	107	190	P	H	
		5861.12	41.22	-12.78	54	32.86	32.51	9.54	33.69	107	190	A	H	
														H
														H
														H
	*	5825	108.8	-	-	100.49	32.46	9.52	33.67	109	354	P	V	
	*	5825	101.26	-	-	92.95	32.46	9.52	33.67	109	354	A	V	
		5850.56	70.79	-7.51	78.3	62.45	32.48	9.54	33.68	109	354	P	V	
		5860.56	63.9	-10.1	74	55.54	32.51	9.54	33.69	109	354	P	V	
		5860	53.12	-0.88	54	44.76	32.51	9.54	33.69	109	354	A	V	
														V
														V
														V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**15E Band 4 5725~5850MHz  
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 149 5745MHz		11490	45.66	-28.34	74	26.41	40.01	13.95	34.71	150	0	P	H
		17235	47.53	-26.47	74	25.15	41.41	16.95	35.98	150	0	P	H
													H
													H
		11490	44.89	-29.11	74	25.64	40.01	13.95	34.71	150	0	P	V
		17235	49.82	-24.18	74	27.44	41.41	16.95	35.98	150	0	P	V
													V
													V
802.11a CH 157 5785MHz		11571	45.73	-28.27	74	26.61	39.89	14	34.77	150	0	P	H
		17355	50.3	-23.7	74	27.58	41.67	17.03	35.98	150	0	P	H
													H
													H
		11571	45.38	-28.62	74	26.26	39.89	14	34.77	150	0	P	V
		17355	50.07	-23.93	74	27.35	41.67	17.03	35.98	150	0	P	V
													V
													V
802.11a CH 165 5825MHz		11649	45.39	-28.61	74	26.37	39.78	14.05	34.81	150	0	P	H
		17475	50.41	-23.59	74	27.37	41.93	17.1	35.99	150	0	P	H
													H
													H
		11691	44.71	-29.29	74	25.75	39.7	14.08	34.82	150	0	P	V
		17475	49.92	-24.08	74	26.88	41.93	17.1	35.99	150	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E Band 4 5725~5850MHz  
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 149 5745MHz		5709.08	53.6	-20.4	74	45.56	32.29	9.39	33.64	105	195	P	H	
		5723	59.3	-19	78.3	51.19	32.31	9.44	33.64	105	195	P	H	
		5714.68	44.77	-9.23	54	36.73	32.29	9.39	33.64	105	195	A	H	
	*	5747	99.29	-	-	91.16	32.34	9.44	33.65	105	195	P	H	
	*	5747	92.82	-	-	84.69	32.34	9.44	33.65	105	195	A	H	
														H
														H
														H
														V
														V
														V
														V
														V
														V
	<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E Band 4 5725~5850MHz  
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 149 5745MHz		11490	45.66	-28.34	74	26.41	40.01	13.95	34.71	150	0	P	H
		17235	49.53	-24.47	74	27.15	41.41	16.95	35.98	150	0	P	H
													H
													H
5745MHz		11490	44.89	-29.11	74	25.64	40.01	13.95	34.71	150	0	P	V
		17235	49.82	-24.18	74	27.44	41.41	16.95	35.98	150	0	P	V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E Band 4 5725~5850MHz  
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 151 5755MHz		5710.68	62.49	-11.51	74	54.45	32.29	9.39	33.64	263	173	P	H
		5724.68	61.98	-16.32	78.3	53.87	32.31	9.44	33.64	263	173	P	H
		5714.84	50.85	-3.15	54	42.81	32.29	9.39	33.64	263	173	A	H
	*	5741	99.01	-	-	90.88	32.34	9.44	33.65	263	173	P	H
	*	5741	92.22	-	-	84.09	32.34	9.44	33.65	263	173	A	H
		5858.64	49.65	-28.65	78.3	41.29	32.51	9.54	33.69	263	173	P	H
		5861.6	50.33	-23.67	74	41.97	32.51	9.54	33.69	263	173	P	H
		5860	41.64	-12.36	54	33.28	32.51	9.54	33.69	263	173	A	H
		5707.32	68.27	-5.73	74	60.23	32.29	9.39	33.64	104	277	P	V
		5720.52	66.03	-12.27	78.3	57.97	32.31	9.39	33.64	104	277	P	V
		5714.84	52.9	-1.1	54	44.86	32.29	9.39	33.64	104	277	A	V
	*	5762	100.9	-	-	92.7	32.36	9.49	33.65	104	277	P	V
	*	5762	95.08	-	-	86.88	32.36	9.49	33.65	104	277	A	V
		5852.48	51.09	-27.21	78.3	42.75	32.48	9.54	33.68	104	277	P	V
		5860.16	51.33	-22.67	74	42.97	32.51	9.54	33.69	104	277	P	V
	5860.4	42.76	-11.24	54	34.4	32.51	9.54	33.69	104	277	A	V	



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 159 5795MHz		5713.64	50.65	-23.35	74	42.61	32.29	9.39	33.64	100	197	P	H
		5724.44	52.42	-25.88	78.3	44.31	32.31	9.44	33.64	100	197	P	H
		5714.6	42.6	-11.4	54	34.56	32.29	9.39	33.64	100	197	A	H
	*	5793	96.57	-	-	88.33	32.41	9.49	33.66	100	197	P	H
	*	5793	89.28	-	-	81.04	32.41	9.49	33.66	100	197	A	H
		5853.2	51.52	-26.78	78.3	43.18	32.48	9.54	33.68	100	197	P	H
		5863.04	51.78	-22.22	74	43.42	32.51	9.54	33.69	100	197	P	H
		5862.64	42.89	-11.11	54	34.53	32.51	9.54	33.69	100	197	A	H
		5711.32	56.65	-17.35	74	48.61	32.29	9.39	33.64	100	279	P	V
		5723.64	56.09	-22.21	78.3	47.98	32.31	9.44	33.64	100	279	P	V
		5714.84	47.22	-6.78	54	39.18	32.29	9.39	33.64	100	279	A	V
	*	5793	103.11	-	-	94.87	32.41	9.49	33.66	100	279	P	V
	*	5793	95.35	-	-	87.11	32.41	9.49	33.66	100	279	A	V
		5850.16	55.71	-22.59	78.3	47.37	32.48	9.54	33.68	100	279	P	V
		5862.32	54.24	-19.76	74	45.88	32.51	9.54	33.69	100	279	P	V
	5860.16	46.46	-7.54	54	38.1	32.51	9.54	33.69	100	279	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





**15E Band 4 5725~5850MHz  
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 159 5795MHz		11589	45.23	-28.77	74	26.14	39.86	14	34.77	150	0	P	H
		17385	50.44	-23.56	74	27.66	41.74	17.03	35.99	150	0	P	H
													H
													H
		11589	45.46	-28.54	74	26.37	39.86	14	34.77	150	0	P	V
		17385	48.97	-25.03	74	26.19	41.74	17.03	35.99	150	0	P	V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E Emission below 1GHz  
5GHz 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)	
5GHz 802.11a LF		96.69	13.58	-29.92	43.5	34.48	9.6	1.28	31.78			P	H	
		135.3	14.64	-28.86	43.5	33.8	11.16	1.46	31.78			P	H	
		231.42	13.05	-32.95	46	33.36	9.67	1.79	31.77			P	H	
		418.3	17.47	-28.53	46	30.25	16.63	2.41	31.82			P	H	
		615	20.44	-25.56	46	30.62	18.9	2.96	32.04			P	H	
		911.1	22.55	-23.45	46	30.23	20.11	3.55	31.34	198	214	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
			105.33	14.5	-29	43.5	34.07	10.93	1.28	31.78			P	V
			194.16	10.04	-33.46	43.5	31.73	8.45	1.64	31.78			P	V
			257.88	14.55	-31.45	46	31.59	12.79	1.94	31.77			P	V
			482.7	17.49	-28.51	46	29.56	17.23	2.57	31.87			P	V
			622	20.18	-25.82	46	30.26	19	2.96	32.04			P	V
			740.3	21.54	-24.46	46	30.48	19.8	3.25	31.99	177	284	P	V
													V	
													V	
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



**Band 4 - 5725~5850MHz**  
**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.		
2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11a CH 149 5745MHz		5709.64	63.15	-10.85	74	55.11	32.29	9.39	33.64	214	175	P	H	
		5724.76	73.89	-4.41	78.3	65.78	32.31	9.44	33.64	214	175	P	H	
		5714.92	52.66	-1.34	54	44.62	32.29	9.39	33.64	214	175	A	H	
	*	5747	108.66	-	-	100.53	32.34	9.44	33.65	214	175	P	H	
	*	5747	101.44	-	-	93.31	32.34	9.44	33.65	214	175	A	H	
														H
														H
														H
			5689.72	49.39	-24.61	74	41.36	32.27	9.39	33.63	100	64	P	V
			5723.56	55.26	-23.04	78.3	47.15	32.31	9.44	33.64	100	64	P	V
			5714.76	41.36	-12.64	54	33.32	32.29	9.39	33.64	100	64	A	V
	*		5743	93.38	-	-	85.25	32.34	9.44	33.65	100	64	P	V
	*		5743	85.77	-	-	77.64	32.34	9.44	33.65	100	64	A	V
														V
													V	
													V	



WIFI Ant. 2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 157 5785MHz		5713.72	56.18	-17.82	74	48.14	32.29	9.39	33.64	234	175	P	H
		5720.04	55.88	-22.42	78.3	47.82	32.31	9.39	33.64	234	175	P	H
		5714.76	46.79	-7.21	54	38.75	32.29	9.39	33.64	234	175	A	H
	*	5787	110.38	-	-	102.14	32.41	9.49	33.66	234	175	P	H
	*	5787	103.09	-	-	94.85	32.41	9.49	33.66	234	175	A	H
		5852.8	55	-23.3	78.3	46.66	32.48	9.54	33.68	234	175	P	H
		5865.12	55.26	-18.74	74	46.9	32.51	9.54	33.69	234	175	P	H
		5864.96	47.07	-6.93	54	38.71	32.51	9.54	33.69	234	175	A	H
		5708.92	49.33	-24.67	74	41.29	32.29	9.39	33.64	377	120	P	V
		5716.52	50.58	-27.72	78.3	42.54	32.29	9.39	33.64	377	120	P	V
		5704.52	40.68	-13.32	54	32.63	32.29	9.39	33.63	377	120	A	V
	*	5787	99.67	-	-	91.43	32.41	9.49	33.66	377	120	P	V
	*	5787	93.21	-	-	84.97	32.41	9.49	33.66	377	120	A	V
		5857.84	49.38	-28.92	78.3	41.02	32.51	9.54	33.69	377	120	P	V
		5866.4	49.57	-24.43	74	41.21	32.51	9.54	33.69	377	120	P	V
		5869.36	41.19	-12.81	54	32.83	32.51	9.54	33.69	377	120	A	V



WIFI Ant. 2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11a CH 165 5825MHz	*	5827	109.18	-	-	100.87	32.46	9.52	33.67	214	175	P	H	
	*	5827	102.52	-	-	94.21	32.46	9.52	33.67	214	175	A	H	
		5850.96	69.58	-8.72	78.3	61.24	32.48	9.54	33.68	214	175	P	H	
		5870.8	66.27	-7.73	74	57.89	32.53	9.54	33.69	214	175	P	H	
		5860.16	53.89	-0.11	54	45.53	32.51	9.54	33.69	214	175	A	H	
														H
														H
														H
	*	5827	96.09	-	-	87.78	32.46	9.52	33.67	102	127	P	V	
	*	5827	88.72	-	-	80.41	32.46	9.52	33.67	102	127	A	V	
		5852.96	54.88	-23.42	78.3	46.54	32.48	9.54	33.68	102	127	P	V	
		5868.24	52.79	-21.21	74	44.43	32.51	9.54	33.69	102	127	P	V	
		5860.08	42.86	-11.14	54	34.5	32.51	9.54	33.69	102	127	A	V	
														V
														V
														V
														V
	<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 4 5725~5850MHz**  
**WIFI 802.11a (Harmonic @ 3m)**

WIFI Ant. 2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11a CH 149 5745MHz		11490	46.43	-27.57	74	27.18	40.01	34.71	13.95	150	0	P	H
		17235	49.28	-24.72	74	26.9	41.41	35.98	16.95	150	0	P	H
													H
													H
		11490	47.23	-26.77	74	27.98	40.01	34.71	13.95	150	0	P	V
		17235	49.64	-24.36	74	27.26	41.41	35.98	16.95	150	0	P	V
													V
													V
802.11a CH 157 5785MHz		11571	46.4	-27.6	74	27.28	39.89	14	34.77	150	0	P	H
		17355	49.9	-24.1	74	27.18	41.67	17.03	35.98	150	0	P	H
													H
													H
		11571	45.77	-28.23	74	26.65	39.89	14	34.77	150	0	P	V
		17355	50.58	-23.42	74	27.86	41.67	17.03	35.98	150	0	P	V
													V
													V
802.11a CH 165 5825MHz		11649	45.02	-28.98	74	26	39.78	14.05	34.81	150	0	P	H
		17475	50.33	-23.67	74	27.29	41.93	17.1	35.99	150	0	P	H
													H
													H
		11649	45.01	-28.99	74	25.99	39.78	14.05	34.81	150	0	P	V
		17475	50.14	-23.86	74	27.1	41.93	17.1	35.99	150	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 4 5725~5850MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI Ant. 2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11n HT20 CH 149 5745MHz		5711.64	61.56	-12.44	74	53.52	32.29	9.39	33.64	201	175	P	H	
		5723.48	69.06	-9.24	78.3	60.95	32.31	9.44	33.64	201	175	P	H	
		5715	53.83	-0.17	54	45.79	32.29	9.39	33.64	201	175	A	H	
	*	5747	109.16	-	-	101.03	32.34	9.44	33.65	201	175	P	H	
	*	5747	101.93	-	-	93.8	32.34	9.44	33.65	201	175	A	H	
														H
														H
														H
			5714.2	51.64	-22.36	74	43.6	32.29	9.39	33.64	380	126	P	V
			5724.12	60.37	-17.93	78.3	52.26	32.31	9.44	33.64	380	126	P	V
			5714.52	44.07	-9.93	54	36.03	32.29	9.39	33.64	380	126	A	V
		*	5744	99.35	-	-	91.22	32.34	9.44	33.65	380	126	P	V
		*	5744	91.78	-	-	83.65	32.34	9.44	33.65	380	126	A	V
														V
														V
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 4 5725~5850MHz**  
**WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI Ant. 2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11n HT20 CH 149 5745MHz		11490	46.43	-27.57	74	27.18	40.01	34.71	13.95	150	0	P	H	
		17235	49.28	-24.72	74	26.9	41.41	35.98	16.95	150	0	P	H	
													H	
													H	
			11490	47.23	-26.77	74	27.98	40.01	34.71	13.95	150	0	P	V
			17235	48.64	-25.36	74	26.26	41.41	35.98	16.95	150	0	P	V
														V
														V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													





**Band 4 5725~5850MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI Ant. 2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 151 5755MHz		5713.8	66.2	-7.8	74	58.16	32.29	9.39	33.64	222	179	P	H
		5722.44	70.05	-8.25	78.3	61.94	32.31	9.44	33.64	222	179	P	H
		5711.72	52.85	-1.15	54	44.81	32.29	9.39	33.64	222	179	A	H
	*	5759	103.59	-	-	95.44	32.36	9.44	33.65	222	179	P	H
	*	5759	96.67	-	-	88.52	32.36	9.44	33.65	222	179	A	H
		5850.24	55.74	-22.56	78.3	47.4	32.48	9.54	33.68	222	179	P	H
		5880.56	53.28	-20.72	74	44.9	32.53	9.54	33.69	222	179	P	H
		5860.08	45.87	-8.13	54	37.51	32.51	9.54	33.69	222	179	A	H
		5712.2	50.85	-23.15	74	42.81	32.29	9.39	33.64	285	140	P	V
		5723.8	54.3	-24	78.3	46.19	32.31	9.44	33.64	285	140	P	V
		5714.68	42.26	-11.74	54	34.22	32.29	9.39	33.64	285	140	A	V
	*	5742	90.02	-	-	81.89	32.34	9.44	33.65	285	140	P	V
	*	5742	83.18	-	-	75.05	32.34	9.44	33.65	285	140	A	V
		5858	49.81	-28.49	78.3	41.45	32.51	9.54	33.69	285	140	P	V
		5869.28	49.78	-24.22	74	41.42	32.51	9.54	33.69	285	140	P	V
		5860.4	41.17	-12.83	54	32.81	32.51	9.54	33.69	285	140	A	V



WIFI Ant. 2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 159 5795MHz		5711.96	56.88	-17.12	74	48.84	32.29	9.39	33.64	217	172	P	H
		5723.64	56.56	-21.74	78.3	48.45	32.31	9.44	33.64	217	172	P	H
		5713.72	47.28	-6.72	54	39.24	32.29	9.39	33.64	217	172	A	H
	*	5797	105.39	-	-	97.15	32.41	9.49	33.66	217	172	P	H
	*	5797	97.66	-	-	89.42	32.41	9.49	33.66	217	172	A	H
		5852.08	62.76	-15.54	78.3	54.42	32.48	9.54	33.68	217	172	P	H
		5862	60.84	-13.16	74	52.48	32.51	9.54	33.69	217	172	P	H
		5861.6	51.78	-2.22	54	43.42	32.51	9.54	33.69	217	172	A	H
		5691.24	49.69	-24.31	74	41.66	32.27	9.39	33.63	377	118	P	V
		5723.8	48.6	-29.7	78.3	40.49	32.31	9.44	33.64	377	118	P	V
		5709.24	41.04	-12.96	54	33	32.29	9.39	33.64	377	118	A	V
	*	5793	95.32	-	-	87.08	32.41	9.49	33.66	377	118	P	V
	*	5793	88.11	-	-	79.87	32.41	9.49	33.66	377	118	A	V
		5852.72	51.19	-27.11	78.3	42.85	32.48	9.54	33.68	377	118	P	V
		5876.4	50.66	-23.34	74	42.28	32.53	9.54	33.69	377	118	P	V
	5861.2	42.39	-11.61	54	34.03	32.51	9.54	33.69	377	118	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 4 5725~5850MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI Ant. 2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT40 CH 159 5795MHz		11589	44.81	-29.19	74	25.72	39.86	14	34.77	150	0	P	H	
		17385	49.88	-24.12	74	27.1	41.74	17.03	35.99	150	0	P	H	
													H	
													H	
			11589	45.46	-28.54	74	26.37	39.86	14	34.77	150	0	P	V
			17385	50.16	-23.84	74	27.38	41.74	17.03	35.99	150	0	P	V
														V
														V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Emission below 1GHz**  
**5GHz 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.		
2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
5GHz 802.11a LF		75.63	12.38	-27.62	40	37.29	5.84	1.04	31.79			P	H	
		135.3	14.64	-28.86	43.5	33.8	11.16	1.46	31.78			P	H	
		231.42	13.05	-32.95	46	33.36	9.67	1.79	31.77			P	H	
		408.5	17.33	-28.67	46	30.52	16.21	2.41	31.81			P	H	
		552	19.95	-26.05	46	30.49	18.66	2.77	31.97			P	H	
		843.2	23.19	-22.81	46	31.3	20.2	3.4	31.71	197	136	P	H	
														H
														H
														H
														H
														H
														H
			72.66	11.3	-28.7	40	36.58	5.47	1.04	31.79			P	V
			162.03	13.75	-29.75	43.5	34.67	9.4	1.46	31.78			P	V
			257.88	14.55	-31.45	46	31.59	12.79	1.94	31.77			P	V
			400.1	18.27	-27.73	46	32.04	15.71	2.32	31.8			P	V
			666.1	21.28	-24.72	46	31.36	18.94	3.02	32.04			P	V
			896.4	23.04	-22.96	46	30.84	20.1	3.55	31.45	204	237	P	V
														V
														V
													V	
													V	
													V	
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against limit line.													



**Band 4 5725~5850MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11n HT20 CH 149 5745MHz		5711.48	55.78	-18.22	74	47.74	32.29	9.39	33.64	331	116	P	H	
		5724.2	59.68	-18.62	78.3	51.57	32.31	9.44	33.64	331	116	P	H	
		5714.44	47.87	-6.13	54	39.83	32.29	9.39	33.64	331	116	A	H	
	*	5743	103.27	-	-	95.14	32.34	9.44	33.65	331	116	P	H	
	*	5743	97.19	-	-	89.06	32.34	9.44	33.65	331	116	A	H	
														H
														H
														H
			5700.92	62.94	-11.06	74	54.89	32.29	9.39	33.63	112	277	P	V
			5724.92	68.95	-9.35	78.3	60.84	32.31	9.44	33.64	112	277	P	V
			5714.84	53.56	-0.44	54	45.52	32.29	9.39	33.64	112	277	A	V
	*		5747	110.4	-	-	102.27	32.34	9.44	33.65	112	277	P	V
	*		5747	103.23	-	-	95.1	32.34	9.44	33.65	112	277	A	V
														V
													V	
													V	



WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 157 5785MHz		5697.8	51.28	-22.72	74	43.25	32.27	9.39	33.63	329	115	P	H
		5724.12	53.59	-24.71	78.3	45.48	32.31	9.44	33.64	329	115	P	H
		5711.64	43.31	-10.69	54	35.27	32.29	9.39	33.64	329	115	A	H
	*	5783	107.82	-	-	99.6	32.39	9.49	33.66	329	115	P	H
	*	5783	100.7	-	-	92.48	32.39	9.49	33.66	329	115	A	H
		5852.64	50.78	-27.52	78.3	42.44	32.48	9.54	33.68	329	115	P	H
		5862.64	51.99	-22.01	74	43.63	32.51	9.54	33.69	329	115	P	H
		5861.52	43.24	-10.76	54	34.88	32.51	9.54	33.69	329	115	A	H
		5714.76	55.98	-18.02	74	47.94	32.29	9.39	33.64	100	267	P	V
		5723.08	60.31	-17.99	78.3	52.2	32.31	9.44	33.64	100	267	P	V
		5714.44	48.17	-5.83	54	40.13	32.29	9.39	33.64	100	267	A	V
	*	5787	111.65	-	-	103.41	32.41	9.49	33.66	100	267	P	V
	*	5787	105.54	-	-	97.3	32.41	9.49	33.66	100	267	A	V
		5856.8	58.59	-19.71	78.3	50.22	32.51	9.54	33.68	100	267	P	V
		5860.16	56.35	-17.65	74	47.99	32.51	9.54	33.69	100	267	P	V
	5860.24	47.71	-6.29	54	39.35	32.51	9.54	33.69	100	267	A	V	



WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11n HT20 CH 165 5825MHz	*	5823	102.45	-	-	94.14	32.46	9.52	33.67	108	196	P	H	
	*	5823	94.88	-	-	86.57	32.46	9.52	33.67	108	196	A	H	
		5851.04	60.42	-17.88	78.3	52.08	32.48	9.54	33.68	108	196	P	H	
		5860.4	55.12	-18.88	74	46.76	32.51	9.54	33.69	108	196	P	H	
		5862.24	45.12	-8.88	54	36.76	32.51	9.54	33.69	108	196	A	H	
														H
														H
														H
	*	5823	110.86	-	-	102.55	32.46	9.52	33.67	100	267	P	V	
	*	5823	103.61	-	-	95.3	32.46	9.52	33.67	100	267	A	V	
		5854.72	67.04	-11.26	78.3	58.67	32.51	9.54	33.68	100	267	P	V	
		5860.88	60.88	-13.12	74	52.52	32.51	9.54	33.69	100	267	P	V	
		5860.24	52.93	-1.07	54	44.57	32.51	9.54	33.69	100	267	A	V	
														V
														V
														V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 4 5725~5850MHz**  
**WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT20 CH 149 5745MHz		11490	47.06	-26.94	74	27.81	40.01	34.71	13.95	150	0	P	H	
		17235	49.51	-24.49	74	27.13	41.41	35.98	16.95	150	0	P	H	
													H	
													H	
			11490	46.01	-27.99	74	26.76	40.01	34.71	13.95	150	0	P	V
			17235	50.65	-23.35	74	28.27	41.41	35.98	16.95	150	0	P	V
														V
802.11n HT20 CH 157 5785MHz		11570	44.25	-29.75	74	25.13	39.89	14	34.77	150	0	P	H	
		17355	48.62	-25.38	74	25.9	41.67	17.03	35.98	150	0	P	H	
													H	
													H	
			11570	44.85	-29.15	74	25.73	39.89	14	34.77	150	0	P	V
			17355	49.52	-24.48	74	26.8	41.67	17.03	35.98	150	0	P	V
														V
802.11n HT20 CH 165 5825MHz		11650	46.38	-27.62	74	27.36	39.78	14.05	34.81	150	0	P	H	
		17475	50.72	-23.28	74	27.68	41.93	17.1	35.99	150	0	P	H	
													H	
													H	
			11650	46.44	-27.56	74	27.42	39.78	14.05	34.81	150	0	P	V
			17475	50.79	-23.21	74	27.75	41.93	17.1	35.99	150	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													





**Band 4 5725~5850MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 151 5755MHz		5708.2	54.9	-19.1	74	46.86	32.29	9.39	33.64	331	116	P	H
		5717.16	61.64	-16.66	78.3	53.6	32.29	9.39	33.64	331	116	P	H
		5714.92	45.97	-8.03	54	37.93	32.29	9.39	33.64	331	116	A	H
	*	5757	96.8	-	-	88.65	32.36	9.44	33.65	331	116	P	H
	*	5757	89.7	-	-	81.55	32.36	9.44	33.65	331	116	A	H
		5859.44	49.09	-29.21	78.3	40.73	32.51	9.54	33.69	331	116	P	H
		5886.24	49.61	-24.39	74	41.21	32.53	9.57	33.7	331	116	P	H
		5861.44	41.78	-12.22	54	33.42	32.51	9.54	33.69	331	116	A	H
		5714.92	60.02	-13.98	74	51.98	32.29	9.39	33.64	111	265	P	V
		5723.72	64.87	-13.43	78.3	56.76	32.31	9.44	33.64	111	265	P	V
		5715	51.09	-2.91	54	43.05	32.29	9.39	33.64	111	265	A	V
	*	5757	103	-	-	94.85	32.36	9.44	33.65	111	265	P	V
	*	5757	96.45	-	-	88.3	32.36	9.44	33.65	111	265	A	V
		5852.32	53.65	-24.65	78.3	45.31	32.48	9.54	33.68	111	265	P	V
		5868.8	52.98	-21.02	74	44.62	32.51	9.54	33.69	111	265	P	V
		5860.8	45.34	-8.66	54	36.98	32.51	9.54	33.69	111	265	A	V



WiFi Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 159 5795MHz		5714.44	55.85	-18.15	74	47.81	32.29	9.39	33.64	328	115	P	H
		5723.72	59.53	-18.77	78.3	51.42	32.31	9.44	33.64	328	115	P	H
		5713.72	46.38	-7.62	54	38.34	32.29	9.39	33.64	328	115	A	H
	*	5793	104.41	-	-	96.17	32.41	9.49	33.66	328	115	P	H
	*	5793	96.28	-	-	88.04	32.41	9.49	33.66	328	115	A	H
		5850.56	59.38	-18.92	78.3	51.04	32.48	9.54	33.68	328	115	P	H
		5861.76	58.44	-15.56	74	50.08	32.51	9.54	33.69	328	115	P	H
		5864.64	48.37	-5.63	54	40.01	32.51	9.54	33.69	328	115	A	H
		5714.2	58	-16	74	49.96	32.29	9.39	33.64	100	266	P	V
		5721.64	58.76	-19.54	78.3	50.65	32.31	9.44	33.64	100	266	P	V
		5712.12	50.32	-3.68	54	42.28	32.29	9.39	33.64	100	266	A	V
	*	5793	107.35	-	-	99.11	32.41	9.49	33.66	100	266	P	V
	*	5793	100.31	-	-	92.07	32.41	9.49	33.66	100	266	A	V
		5854.96	63.08	-15.22	78.3	54.71	32.51	9.54	33.68	100	266	P	V
		5871.92	63.32	-10.68	74	54.94	32.53	9.54	33.69	100	266	P	V
	5861.52	53.12	-0.88	54	44.76	32.51	9.54	33.69	100	266	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 4 5725~5850MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 151 5755MHz		11510	45.51	-28.49	74	26.29	40	13.95	34.73	150	0	P	H
		17265	49.1	-24.9	74	26.64	41.49	16.95	35.98	150	0	P	H
													H
													H
		11510	45.94	-28.06	74	26.72	40	13.95	34.73	150	0	P	V
		17265	49.07	-24.93	74	26.61	41.49	16.95	35.98	150	0	P	V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	46.72	-27.28	74	27.63	39.86	14	34.77	150	0	P	H
		17385	50.01	-23.99	74	27.23	41.74	17.03	35.99	150	0	P	H
													H
													H
		11590	47.42	-26.58	74	28.33	39.86	14	34.77	150	0	P	V
		17385	50.72	-23.28	74	27.94	41.74	17.03	35.99	150	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

5GHz WIFI 802.11n HT20 (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+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
5GHz 802.11n HT20 LF		49.98	21.8	-18.2	40	44.85	7.71	1.04	31.8	165	158	P	H	
		113.97	15.83	-27.67	43.5	35.03	11.3	1.28	31.78			P	H	
		273	14.84	-31.16	46	32.27	12.4	1.94	31.77			P	H	
		552	19.95	-26.05	46	30.49	18.66	2.77	31.97			P	H	
		776	21.62	-24.38	46	30.52	19.7	3.35	31.95			P	H	
		984.6	23.25	-30.75	54	29.84	20.39	3.78	30.76			P	H	
														H
														H
														H
														H
														H
														H
														H
														H
														H
			53.22	18.56	-21.44	40	42.75	6.57	1.04	31.8	172	194	P	V
			123.15	15.57	-27.93	43.5	34.61	11.46	1.28	31.78			P	V
			247.89	13.14	-32.86	46	31.22	11.75	1.94	31.77			P	V
			400.1	18.27	-27.73	46	32.04	15.71	2.32	31.8			P	V
			630.4	20.38	-25.62	46	30.46	19	2.96	32.04			P	V
		939.1	22.52	-23.48	46	29.49	20.47	3.68	31.12			P	V	
													V	
													V	
													V	
													V	
													V	
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against limit line.													



**Note symbol**

*	<b>Fundamental Frequency</b> 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 <b>over limit</b> line.
P/A	<b>Peak</b> or <b>Average</b>
H/V	<b>Horizontal</b> or <b>Vertical</b>



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+2		( 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

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

**For Peak Limit @ 2390MHz:**

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

**For Average Limit @ 2390MHz:**

- 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)
- 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”.