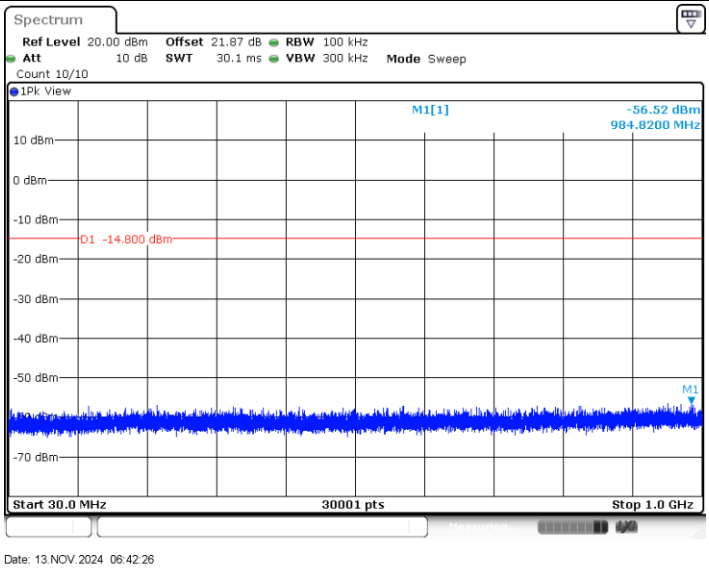
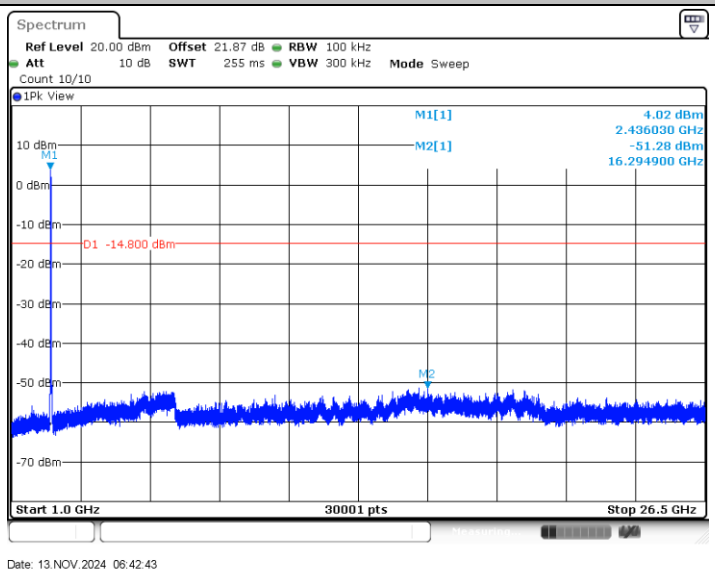
11N20SISO_Ant1_2437_30~1000


11N20SISO_Ant1_2437_1000~26500


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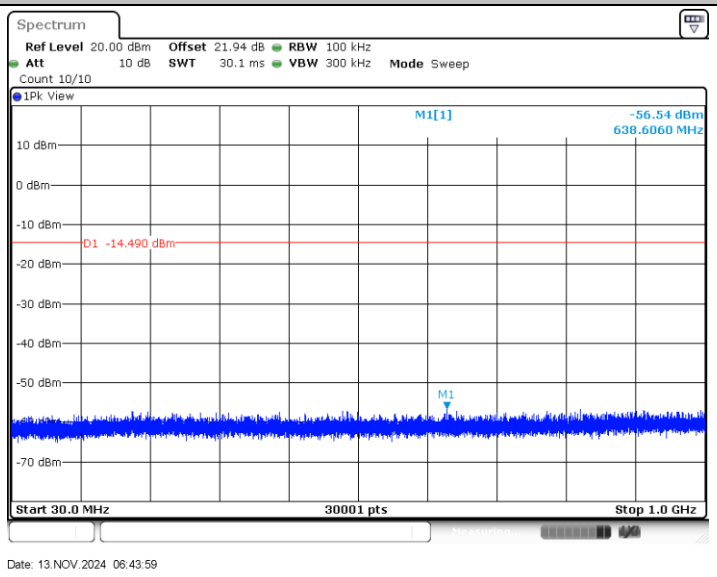

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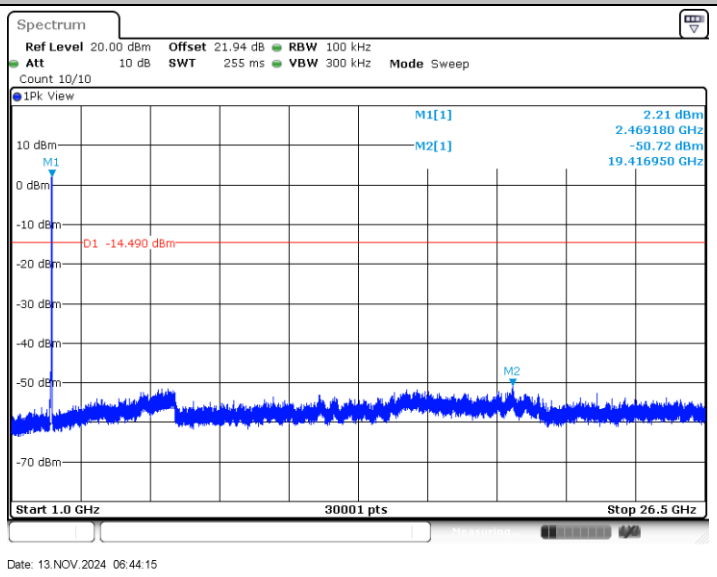


Maximum (Peak) Output Power

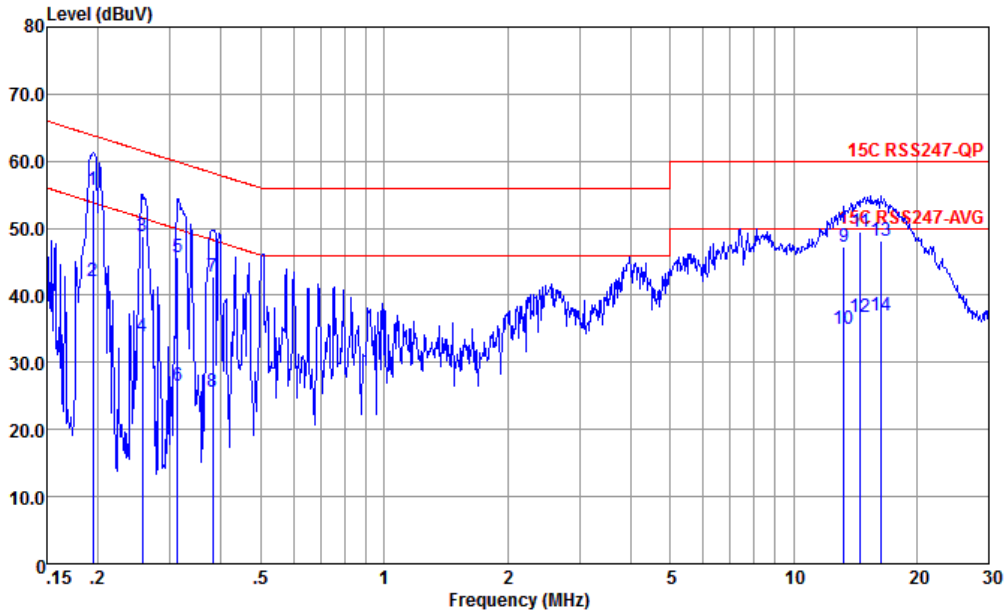
2.4GHz Band Single Antenna										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant1	Ant1	Ant1	Ant1	Ant1	
11b	1Mbps	1	1	2412	21.21	30.00	-2.10	19.11	36.00	Pass
11b	1Mbps	1	2	2417	19.98	30.00	-2.10	17.88	36.00	Pass
11b	1Mbps	1	3	2422	18.09	30.00	-2.10	15.99	36.00	Pass
11b	1Mbps	1	6	2437	16.43	30.00	-2.10	14.33	36.00	Pass
11b	1Mbps	1	10	2457	18.38	30.00	-2.10	16.28	36.00	Pass
11b	1Mbps	1	11	2462	19.59	30.00	-2.10	17.49	36.00	Pass
11g	6Mbps	1	1	2412	23.92	30.00	-2.10	21.82	36.00	Pass
11g	6Mbps	1	6	2437	24.86	30.00	-2.10	22.76	36.00	Pass
11g	6Mbps	1	10	2457	24.42	30.00	-2.10	22.32	36.00	Pass
11g	6Mbps	1	11	2462	23.00	30.00	-2.10	20.90	36.00	Pass
HT20	MCS0	1	1	2412	24.07	30.00	-2.10	21.97	36.00	Pass
HT20	MCS0	1	6	2437	24.94	30.00	-2.10	22.84	36.00	Pass
HT20	MCS0	1	11	2462	23.38	30.00	-2.10	21.28	36.00	Pass

Average Output Power

2.4GHz Band Single Antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power with duty factor (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Setting
					Ant 1	Ant1	Ant1	Ant1	Ant1	Ant1		
11b	1Mbps	1	1	2412	0.00	18.93	30.00	-2.10	16.83	36.00	Pass	20.00
11b	1Mbps	1	2	2417	0.00	17.52	30.00	-2.10	15.42	36.00	Pass	18.00
11b	1Mbps	1	3	2422	0.00	15.74	30.00	-2.10	13.64	36.00	Pass	16.00
11b	1Mbps	1	6	2437	0.00	14.11	30.00	-2.10	12.01	36.00	Pass	15.00
11b	1Mbps	1	10	2457	0.00	15.94	30.00	-2.10	13.84	36.00	Pass	16.50
11b	1Mbps	1	11	2462	0.00	17.28	30.00	-2.10	15.18	36.00	Pass	18.00
11g	6Mbps	1	1	2412	0.13	16.71	30.00	-2.10	14.61	36.00	Pass	18.00
11g	6Mbps	1	6	2437	0.13	17.58	30.00	-2.10	15.48	36.00	Pass	19.00
11g	6Mbps	1	10	2457	0.13	17.22	30.00	-2.10	15.12	36.00	Pass	18.00
11g	6Mbps	1	11	2462	0.13	14.39	30.00	-2.10	12.29	36.00	Pass	15.50
HT20	MCS0	1	1	2412	0.14	14.51	30.00	-2.10	12.41	36.00	Pass	15.50
HT20	MCS0	1	6	2437	0.14	15.58	30.00	-2.10	13.48	36.00	Pass	17.00
HT20	MCS0	1	11	2462	0.14	13.60	30.00	-2.10	11.50	36.00	Pass	14.50

Appendix B. AC Conducted Emission Test Results

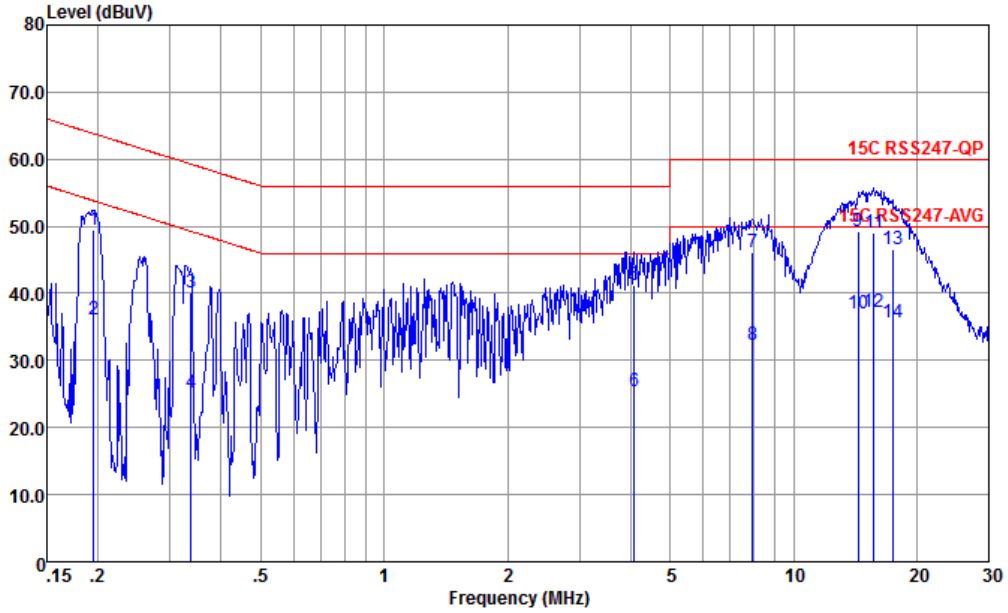
Test Engineer :	Amos Zhang	**Temperature :**	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : 15C RSS247-QP LISN-060105-L 2024 LINE

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	*	0.194	55.74	-8.10	63.84	45.20	0.08	10.46	QP
2		0.194	42.04	-11.80	53.84	31.50	0.08	10.46	Average
3		0.256	48.76	-12.80	61.56	38.20	0.09	10.47	QP
4		0.256	33.86	-17.70	51.56	23.30	0.09	10.47	Average
5		0.313	45.75	-14.13	59.88	35.20	0.07	10.48	QP
6		0.313	26.45	-23.43	49.88	15.90	0.07	10.48	Average
7		0.381	42.68	-15.57	58.25	32.20	-0.01	10.49	QP
8		0.381	25.68	-22.57	48.25	15.20	-0.01	10.49	Average
9		13.267	47.27	-12.73	60.00	37.20	-0.20	10.27	QP
10		13.267	34.97	-15.03	50.00	24.90	-0.20	10.27	Average
11		14.594	49.39	-10.61	60.00	39.29	-0.18	10.28	QP
12		14.594	36.69	-13.31	50.00	26.59	-0.18	10.28	Average
13		16.312	48.23	-11.77	60.00	38.20	-0.26	10.29	QP
14		16.312	36.93	-13.07	50.00	26.90	-0.26	10.29	Average

Test Engineer :	Amos Zhang	**Temperature :**	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : 15C RSS247-QP LISN-060105-N 2024 NEUTRAL

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.195	49.39	-14.41	63.80	38.80	0.13	10.46	QP
2		0.195	36.19	-17.61	53.80	25.60	0.13	10.46	Average
3		0.337	40.16	-19.11	59.27	29.81	-0.13	10.48	QP
4		0.337	25.16	-24.11	49.27	14.81	-0.13	10.48	Average
5		4.092	41.20	-14.80	56.00	31.20	-0.21	10.21	QP
6		4.092	25.50	-20.50	46.00	15.50	-0.21	10.21	Average
7		7.935	46.19	-13.81	60.00	36.19	-0.21	10.21	QP
8		7.935	32.29	-17.71	50.00	22.29	-0.21	10.21	Average
9	*	14.364	49.28	-10.72	60.00	39.19	-0.19	10.28	QP
10		14.364	36.98	-13.02	50.00	26.89	-0.19	10.28	Average
11		15.718	48.98	-11.02	60.00	38.90	-0.20	10.28	QP
12		15.718	37.28	-12.72	50.00	27.20	-0.20	10.28	Average
13		17.475	46.62	-13.38	60.00	36.60	-0.27	10.29	QP
14		17.475	35.62	-14.38	50.00	25.60	-0.27	10.29	Average

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)

Appendix C. Radiated Spurious Emission Test Data

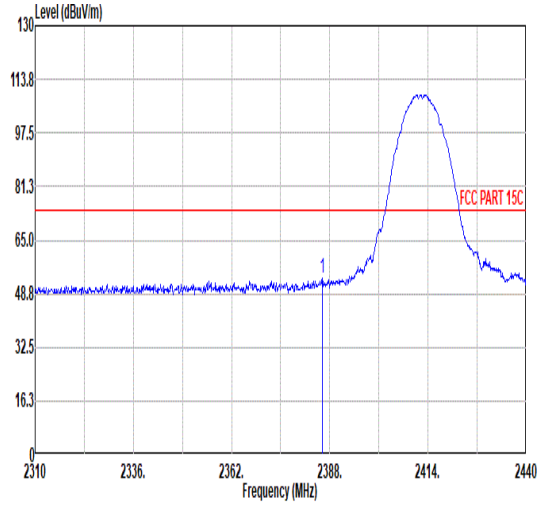
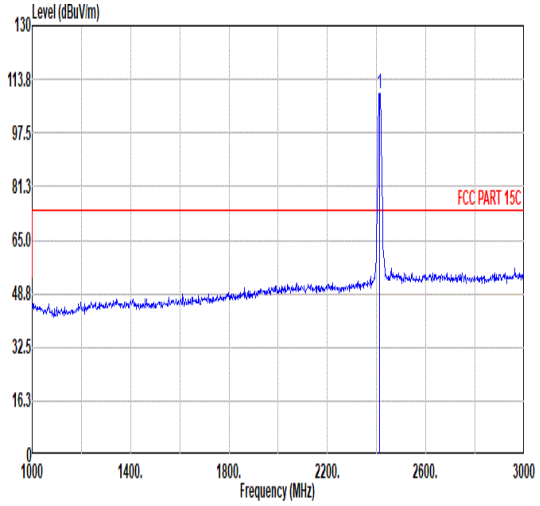
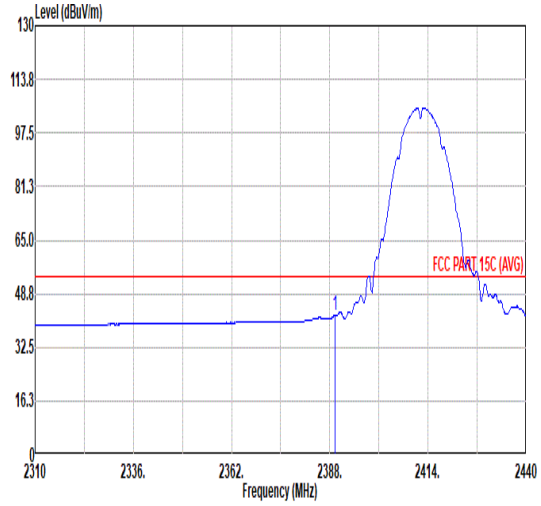
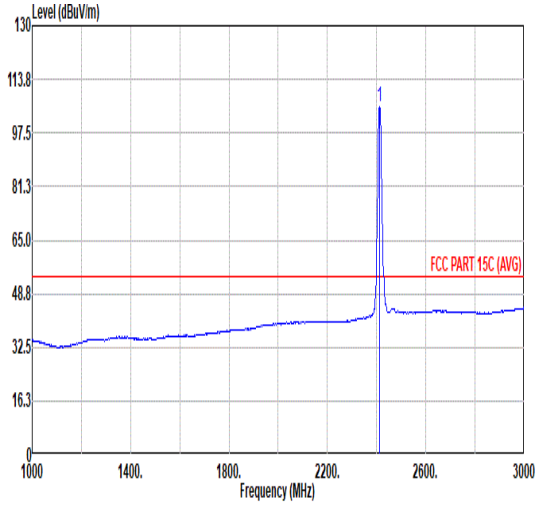
Test Engineer :	Bernie Liu	Relative Humidity :	40 ~ 42 %
		Temperature :	22 ~ 26 ℃

Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 10	2400-2483.5	1	802.11b	01	2412	1Mbps	-	-
Mode 11	2400-2483.5	1	802.11b	06	2437	1Mbps	-	-
Mode 12	2400-2483.5	1	802.11b	11	2462	1Mbps	-	-
Mode 13	2400-2483.5	1	802.11g	01	2412	6Mbps	-	-
Mode 14	2400-2483.5	1	802.11g	06	2437	6Mbps	-	-
Mode 15	2400-2483.5	1	802.11g	11	2462	6Mbps	-	-
Mode 16	2400-2483.5	1	802.11n HT20	01	2412	MCS0	-	-
Mode 17	2400-2483.5	1	802.11n HT20	06	2437	MCS0	-	-
Mode 18	2400-2483.5	1	802.11n HT20	11	2462	MCS0	-	-
Mode 19	2400-2483.5	1	802.11b	2	2417	1Mbps	-	-
Mode 20	2400-2483.5	1	802.11b	3	2422	1Mbps	-	-
Mode 21	2400-2483.5	1	802.11b	10	2457	1Mbps	-	-
Mode 22	2400-2483.5	1	802.11g	10	2457	6Mbps	-	-

Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
10	802.11b	01	2389.43	42.38	54.00	-11.62	H	AVERAGE	Pass	Band Edge
	802.11b	01	4824.00	49.20	54.00	-4.80	H	AVERAGE	Pass	Harmonic
11	802.11b	06	-	-	-	-	-	-	-	Band Edge
	802.11b	06	4874.00	50.49	54.00	-3.51	H	AVERAGE	Pass	Harmonic
12	802.11b	11	2487.58	43.82	54.00	-10.18	H	AVERAGE	Pass	Band Edge
	802.11b	11	7386.00	50.30	54.00	-3.70	V	AVERAGE	Pass	Harmonic
13	802.11g	01	2387.87	70.08	74.00	-3.92	V	PEAK	Pass	Band Edge
	802.11g	01	4824.00	45.74	74.00	-28.26	H	PEAK	Pass	Harmonic
14	802.11g	06	-	-	-	-	-	-	-	Band Edge
	802.11g	06	4874.00	39.72	54.00	-14.28	H	AVERAGE	Pass	Harmonic
15	802.11g	11	2483.50	50.89	54.00	-3.11	H	AVERAGE	Pass	Band Edge
15	802.11g	11	7386.00	43.69	54.00	-10.31	H	AVERAGE	Pass	Harmonic
16	802.11n HT20	01	2389.82	69.28	74.00	-4.72	H	PEAK	Pass	Band Edge
16	802.11n HT20	01	4824.00	43.32	74.00	-30.68	V	PEAK	Pass	Harmonic
17	802.11n HT20	06	-	-	-	-	-	-	-	Band Edge
17	802.11n HT20	06	7311.00	47.44	54.00	-6.56	H	AVERAGE	Pass	Harmonic
18	802.11n HT20	11	2483.86	49.70	54.00	-4.30	H	AVERAGE	Pass	Band Edge
18	802.11n HT20	11	4924.00	45.81	74.00	-28.19	H	PEAK	Pass	Harmonic
19	802.11b	2	2388.78	39.67	54.00	-14.33	H	AVERAGE	Pass	Band Edge
19	802.11b	2	4834.00	50.76	54.00	-3.24	H	AVERAGE	Pass	Harmonic
20	802.11b	3	2388.00	38.84	54.00	-15.16	H	AVERAGE	Pass	Band Edge
20	802.11b	3	4844.00	50.65	54.00	-3.35	H	AVERAGE	Pass	Harmonic
21	802.11b	10	2493.04	41.30	54.00	-12.70	H	AVERAGE	Pass	Band Edge
21	802.11b	10	4914.00	50.56	54.00	-3.44	H	AVERAGE	Pass	Harmonic
22	802.11g	10	2483.74	50.22	54.00	-3.78	H	AVERAGE	Pass	Band Edge
22	802.11g	10	7371.00	36.69	54.00	-17.31	H	AVERAGE	Pass	Harmonic

Mode	10	
	Band Edge	
	2400-2483.5_802.11b_CH01_2412MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2386.05	53.32	74.00	-20.68	45.11	32.16	7.10	37.05	6.00	117	304	PEAK

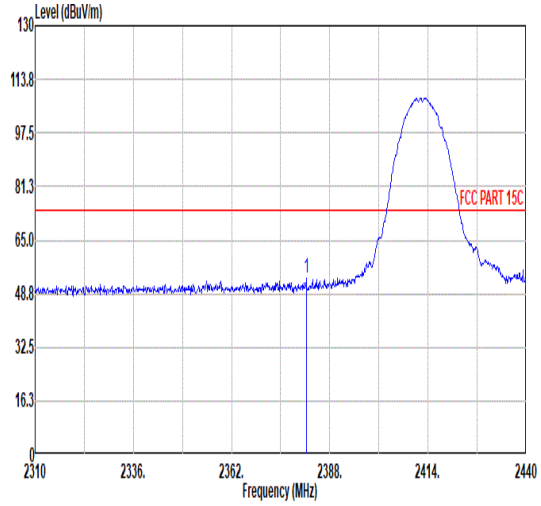
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2412.00	109.56	------	------	101.11	32.32	7.14	37.01	6.00	117	304	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2389.43	42.38	54.00	-11.62	34.14	32.19	7.10	37.05	6.00	117	304	AVERAGE

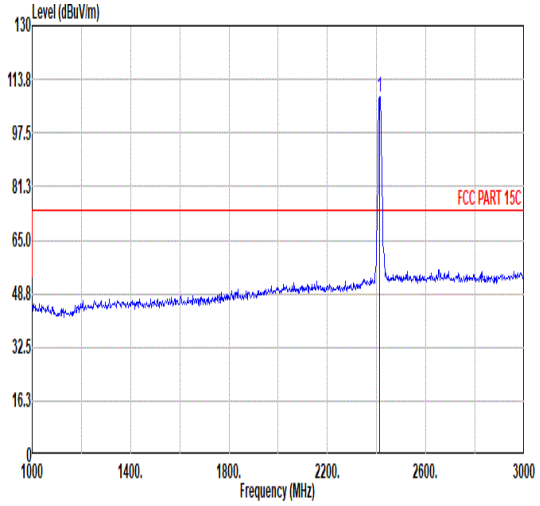
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2412.00	105.37	------	------	96.92	32.32	7.14	37.01	6.00	117	304	AVERAGE

Mode	10	
	Band Edge	
	2400-2483.5_802.11b_CH01_2412MHz	
ANT	1	
Pol.	Vertical	Fundamental

Peak

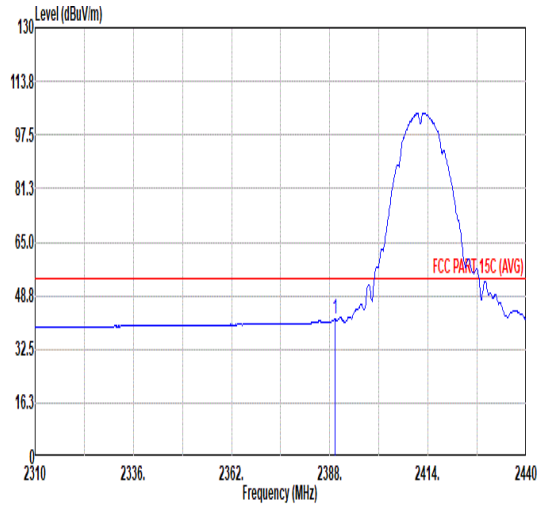


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2381.76	53.23	74.00	-20.77	45.07	32.12	7.09	37.05	6.00	369	281	PEAK

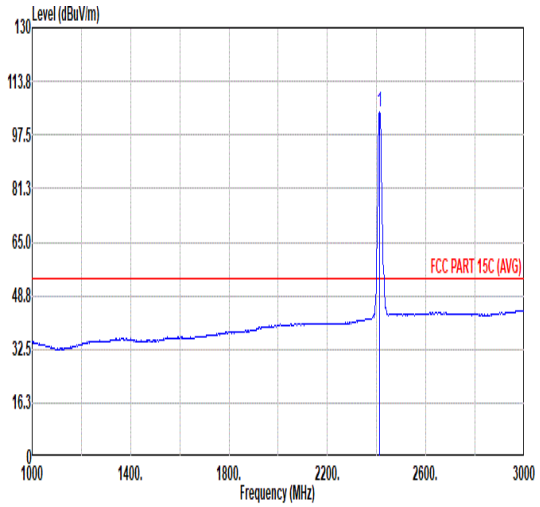


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2412.00	108.55	------	------	100.10	32.32	7.14	37.01	6.00	369	281	PEAK

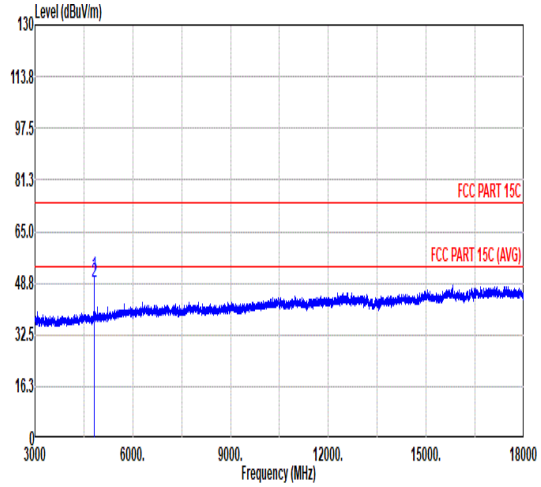
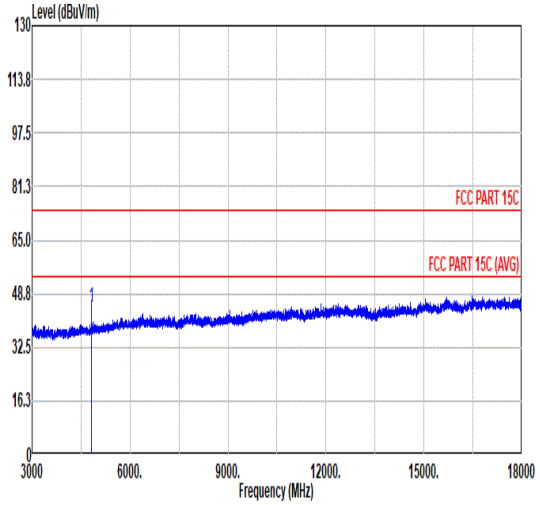
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2389.30	41.56	54.00	-12.44	33.32	32.19	7.10	37.05	6.00	369	281	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2412.00	104.33	------	------	95.88	32.32	7.14	37.01	6.00	369	281	AVERAGE

Mode	10	
	Harmonic	
	2400-2483.5_802.11b_CH01_2412MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4824.00	51.02	74.00	-22.98	72.18	34.10	10.23	65.49	0.00	318	17	PEAK
2	4824.00	49.20	54.00	-4.80	70.36	34.10	10.23	65.49	0.00	318	17	AVERAGE

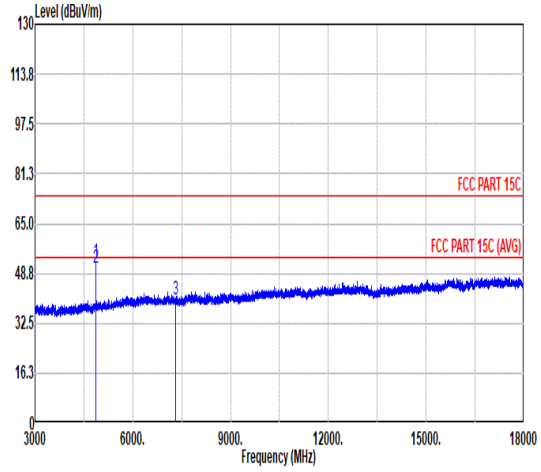
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4824.00	44.73	74.00	-29.27	65.89	34.10	10.23	65.49	0.00	--	--	PEAK

Mode	11
	Harmonic
	2400-2483.5_802.11b_CH06_2437MHz
ANT	1

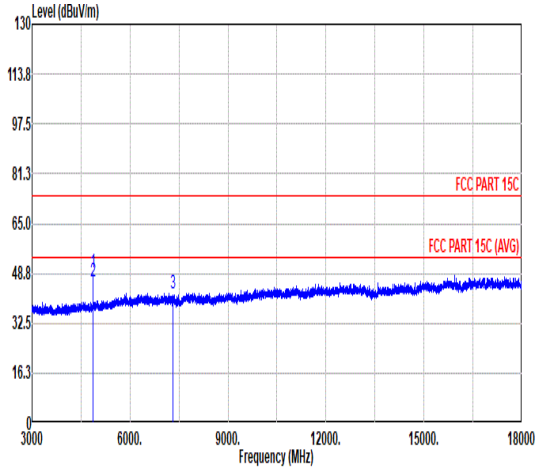
Pol.	Horizontal	Vertical

Peak

Avg



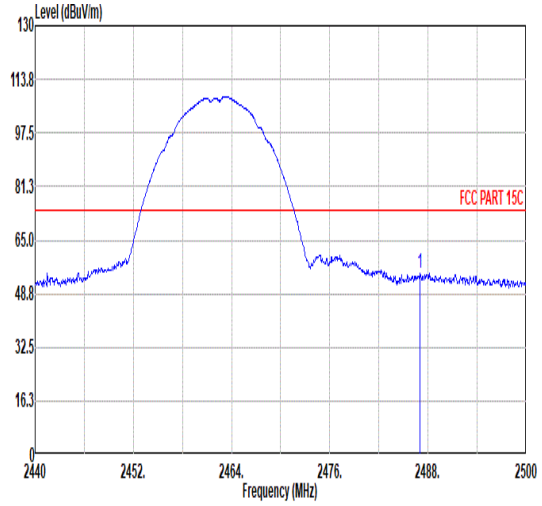
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4874.00	52.68	74.00	-21.32	73.78	34.14	10.29	65.53	0.00	328	18	PEAK
2	4874.00	50.49	54.00	-3.51	71.59	34.14	10.29	65.53	0.00	328	18	AVERAGE
3	7311.00	40.21	74.00	-33.79	58.06	35.72	12.72	66.29	0.00	--	--	Peak



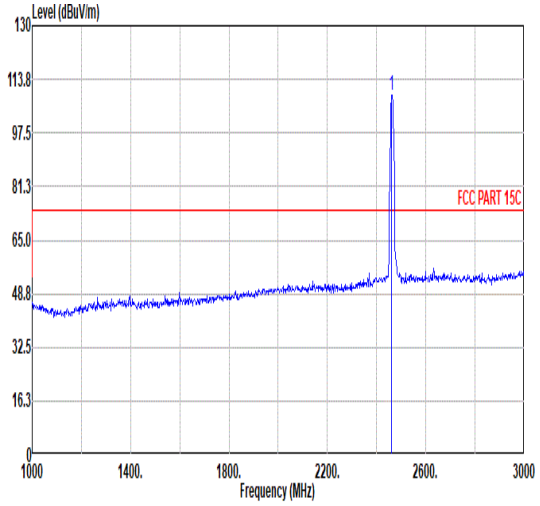
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4874.00	49.23	74.00	-24.77	70.33	34.14	10.29	65.53	0.00	305	9	PEAK
2	4874.00	46.05	54.00	-7.95	67.15	34.14	10.29	65.53	0.00	305	9	AVERAGE
3	7311.00	41.99	74.00	-32.01	59.84	35.72	12.72	66.29	0.00	--	--	PEAK

Mode	12	
	Band Edge	
	2400-2483.5_802.11b_CH11_2462MHz	
ANT	1	
Pol.	Horizontal	Fundamental

Peak

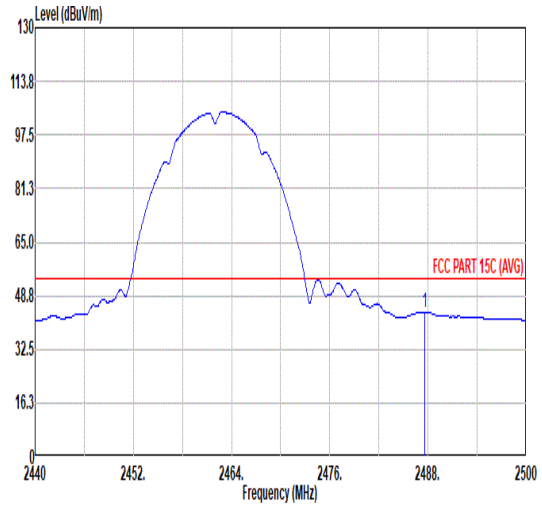


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2486.98	54.88	74.00	-19.12	45.99	32.47	7.26	36.84	6.00	134	299	PEAK

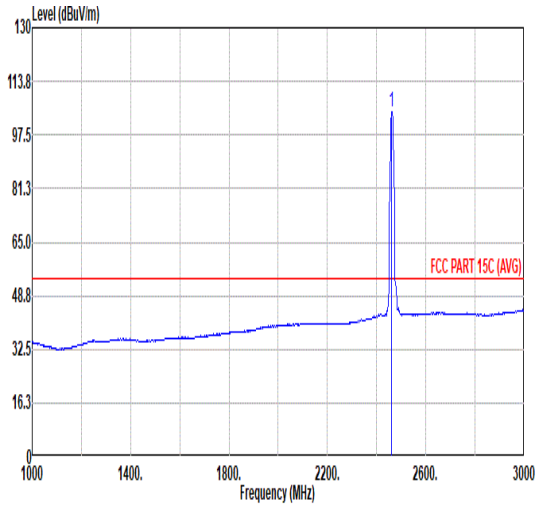


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2462.00	108.92	------	------	100.16	32.43	7.22	36.89	6.00	134	299	PEAK

Avg



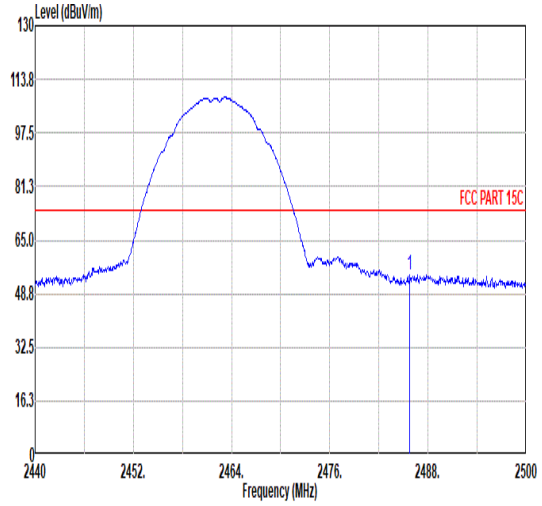
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2487.58	43.82	54.00	-10.18	34.92	32.48	7.26	36.84	6.00	134	299	AVERAGE



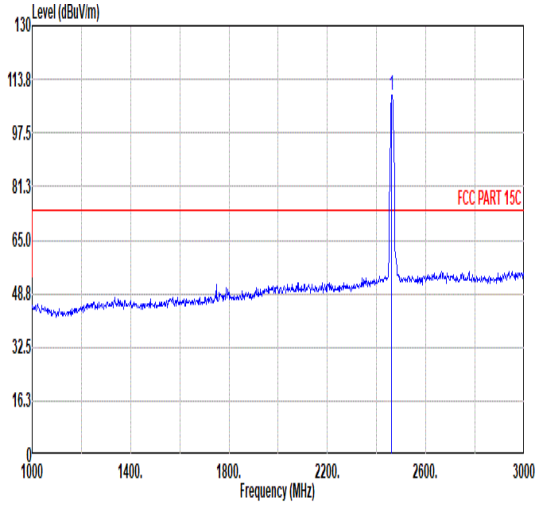
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2462.00	104.70	------	------	95.96	32.42	7.22	36.90	6.00	134	299	AVERAGE

Mode	12	
	Band Edge	
	2400-2483.5_802.11b_CH11_2462MHz	
ANT	1	
Pol.	Vertical	Fundamental

Peak

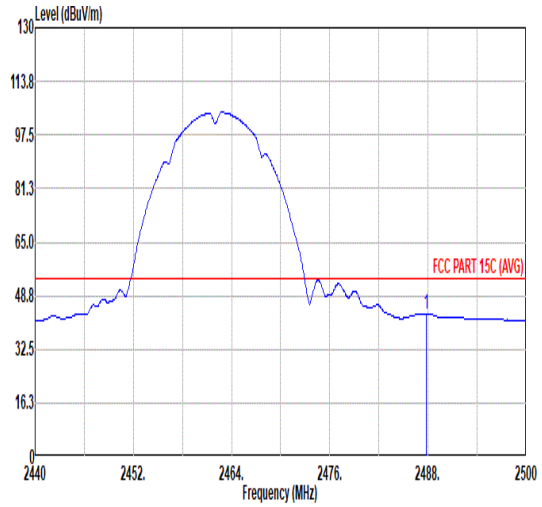


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2485.78	54.48	74.00	-19.52	45.59	32.47	7.26	36.84	6.00	296	58	PEAK

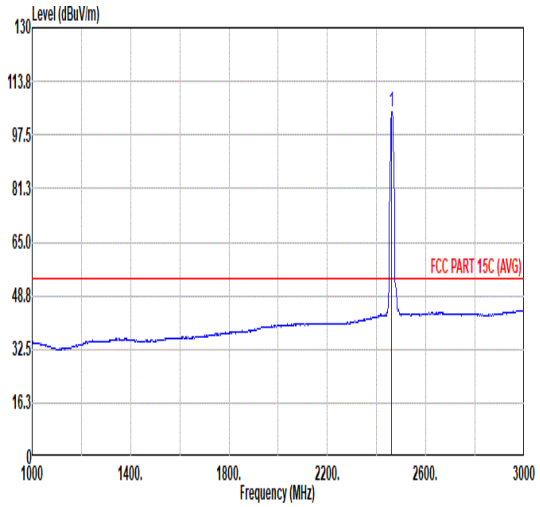


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2462.00	108.75	------	------	100.01	32.42	7.22	36.90	6.00	296	58	PEAK

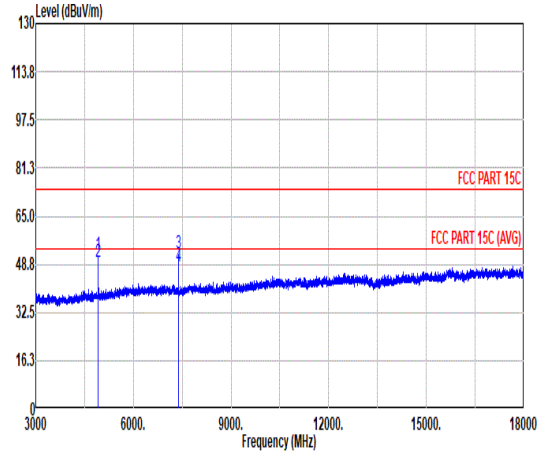
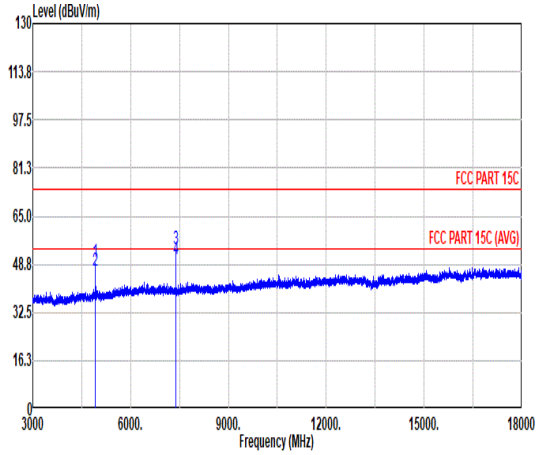
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2487.82	43.35	54.00	-10.65	34.45	32.48	7.26	36.84	6.00	296	58	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2462.00	104.52	------	------	95.78	32.42	7.22	36.90	6.00	296	58	AVERAGE

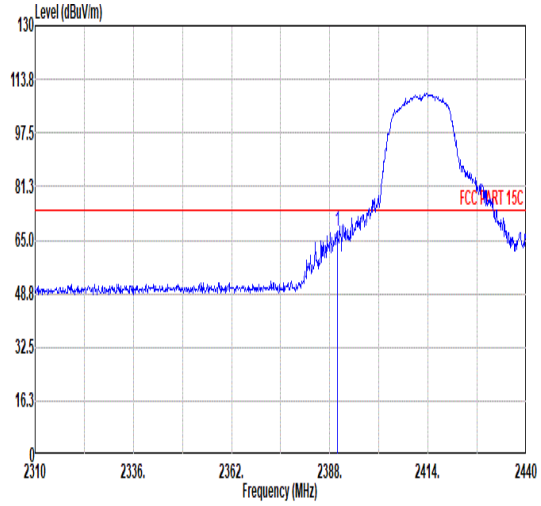
Mode	12	
	Harmonic	
	2400-2483.5_802.11b_CH11_2462MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4924.00	51.86	74.00	-22.14	72.88	34.19	10.35	65.56	0.00	316	32	PEAK
2	4924.00	49.51	54.00	-4.49	70.53	34.19	10.35	65.56	0.00	316	32	AVERAGE
3	7386.00	52.63	74.00	-21.37	70.59	35.80	12.73	66.49	0.00	300	331	PEAK
4	7386.00	48.23	54.00	-5.77	66.19	35.80	12.73	66.49	0.00	300	331	AVERAGE

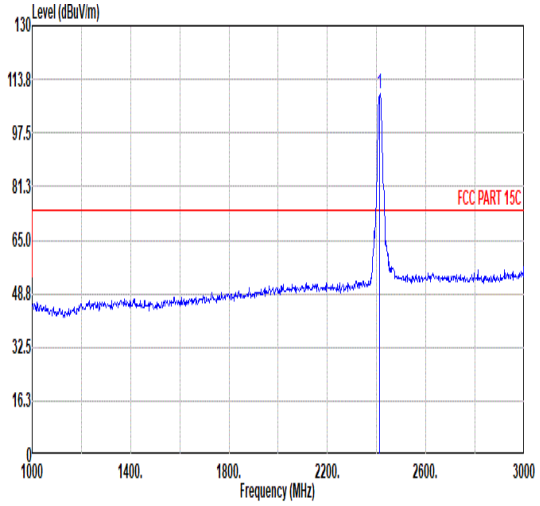
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4924.00	49.33	74.00	-24.67	70.35	34.19	10.35	65.56	0.00	190	11	PEAK
2	4924.00	46.41	54.00	-7.59	67.43	34.19	10.35	65.56	0.00	190	11	AVERAGE
3	7386.00	54.12	74.00	-19.88	72.08	35.80	12.73	66.49	0.00	265	341	PEAK
4	7386.00	50.30	54.00	-3.70	68.26	35.80	12.73	66.49	0.00	265	341	AVERAGE

Mode	13	
	Band Edge	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	1	
Pol.	Horizontal	Fundamental

Peak

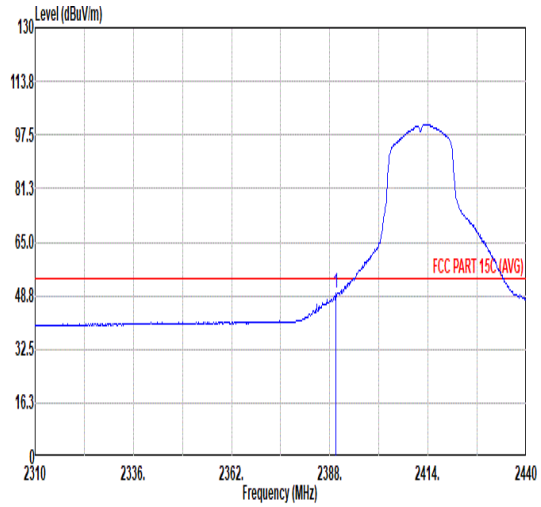


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2389.95	67.81	74.00	-6.19	59.55	32.20	7.11	37.05	6.00	236	301	PEAK

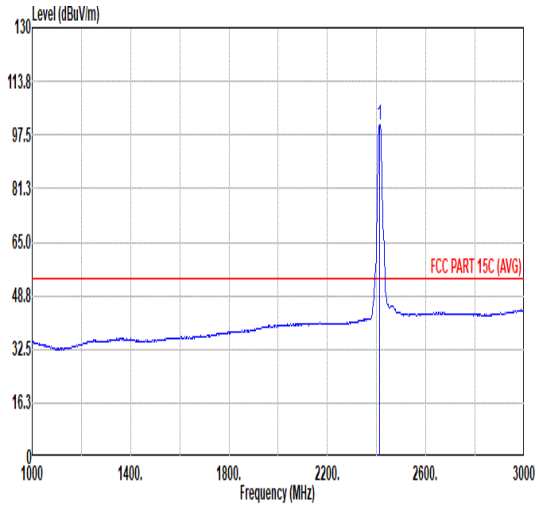


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2412.00	109.47	------	------	101.01	32.33	7.14	37.01	6.00	236	301	PEAK

Avg



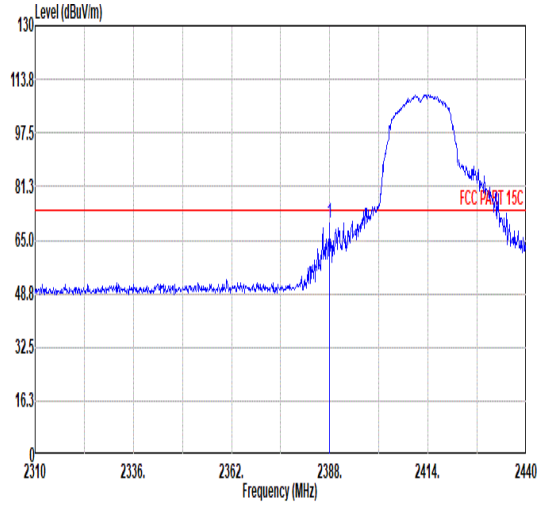
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2389.56	49.64	54.00	-4.36	41.39	32.20	7.10	37.05	6.00	236	301	AVERAGE



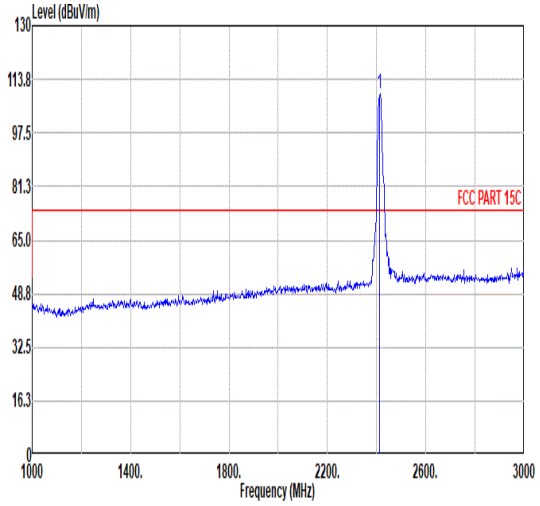
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2412.00	100.58	------	------	92.12	32.33	7.14	37.01	6.00	236	301	AVERAGE

Mode	13	
	Band Edge	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	1	
Pol.	Vertical	Fundamental

Peak

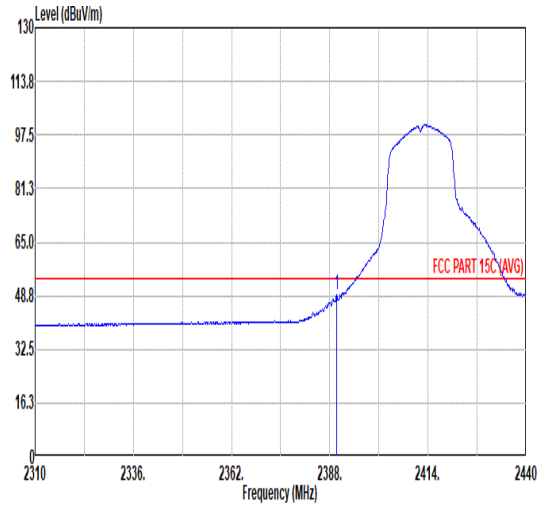


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2387.87	70.08	74.00	-3.92	61.85	32.18	7.10	37.05	6.00	367	278	PEAK

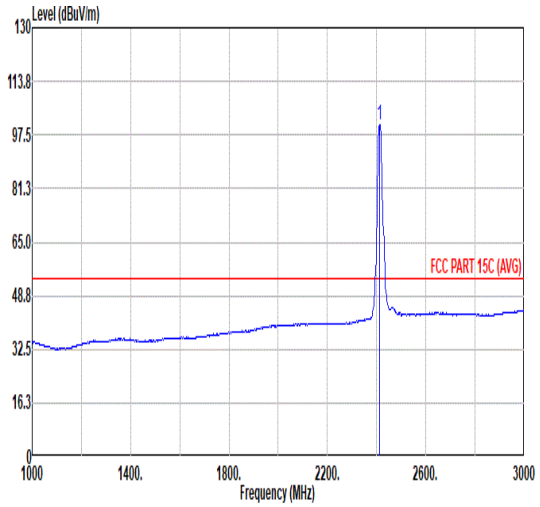


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2412.00	109.15	------	------	100.69	32.33	7.14	37.01	6.00	367	278	PEAK

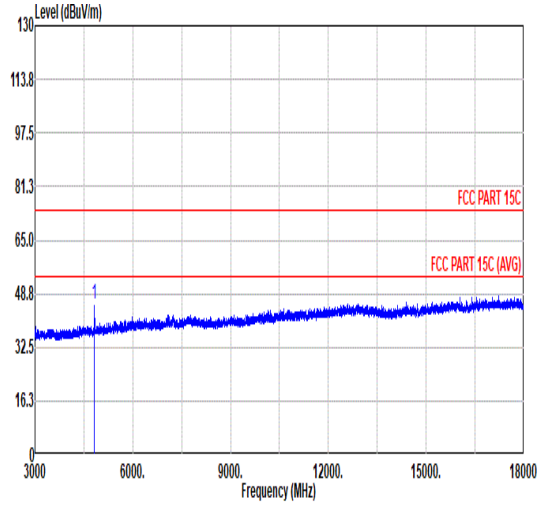
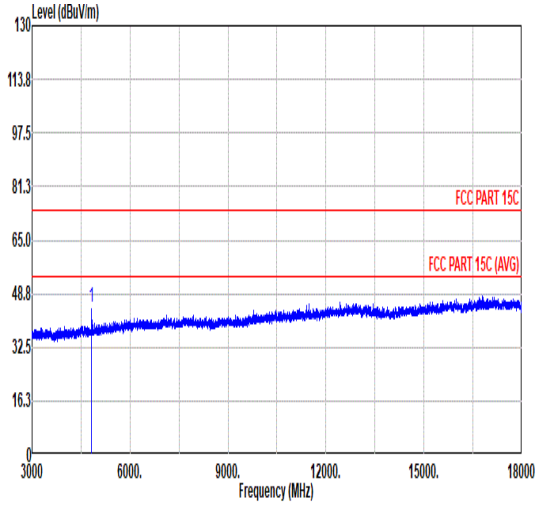
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2389.82	48.92	54.00	-5.08	40.66	32.20	7.11	37.05	6.00	367	278	AVERAGE



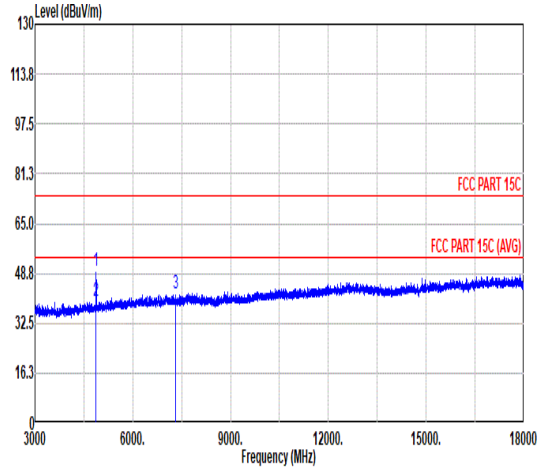
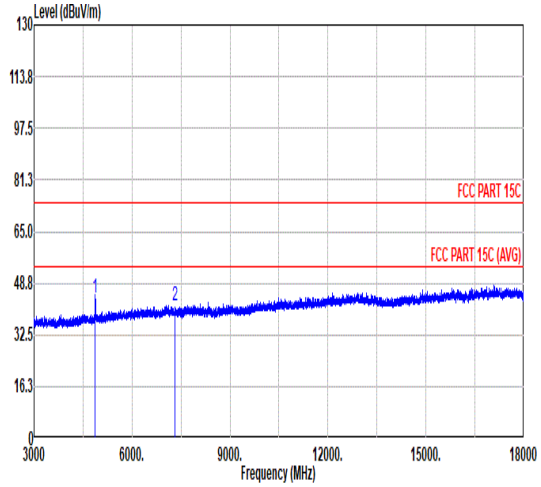
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2412.00	100.48	------	------	92.02	32.33	7.14	37.01	6.00	367	278	AVERAGE

Mode	13	
	Harmonic	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4824.00	45.74	74.00	-28.26	66.90	34.10	10.23	65.49	0.00	--	--	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4824.00	44.50	74.00	-29.50	65.66	34.10	10.23	65.49	0.00	--	--	PEAK

Mode	14
	Harmonic
	2400-2483.5_802.11g_CH06_2437MHz
ANT	1

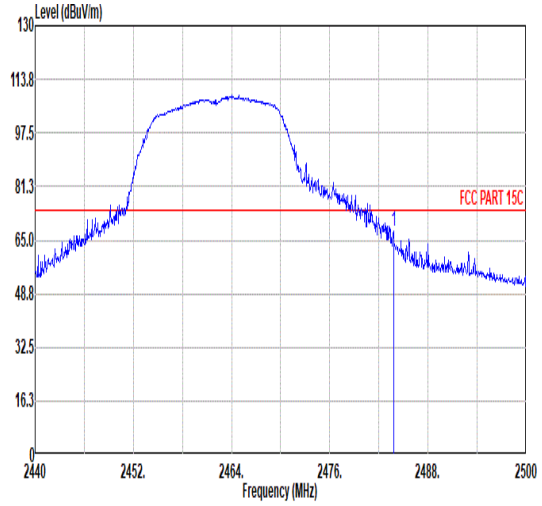
Pol.	Horizontal	Vertical
Peak Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4874.00	49.43	74.00	-24.57	70.53	34.14	10.29	65.53	0.00	300	0	PEAK
2	4874.00	39.72	54.00	-14.28	60.82	34.14	10.29	65.53	0.00	300	0	AVERAGE
3	7311.00	42.29	74.00	-31.71	60.14	35.72	12.72	66.29	0.00	--	--	PEAK

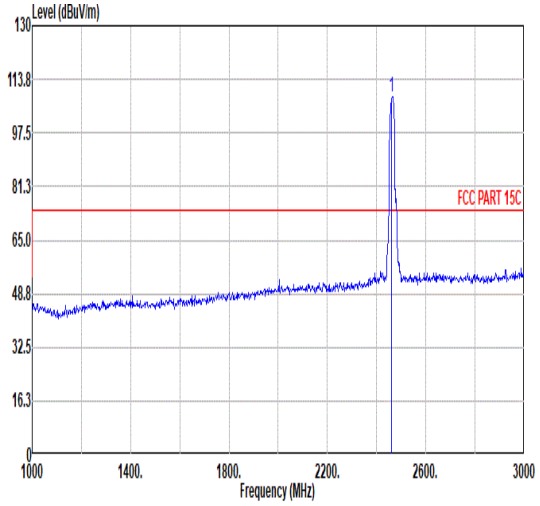
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4874.00	44.25	74.00	-29.75	65.35	34.14	10.29	65.53	0.00	--	--	PEAK
2	7311.00	41.63	74.00	-32.37	59.48	35.72	12.72	66.29	0.00	--	--	PEAK

Mode	15	
	Band Edge	
	2400-2483.5_802.11g_CH11_2462MHz	
ANT	1	
Pol.	Horizontal	Fundamental

Peak

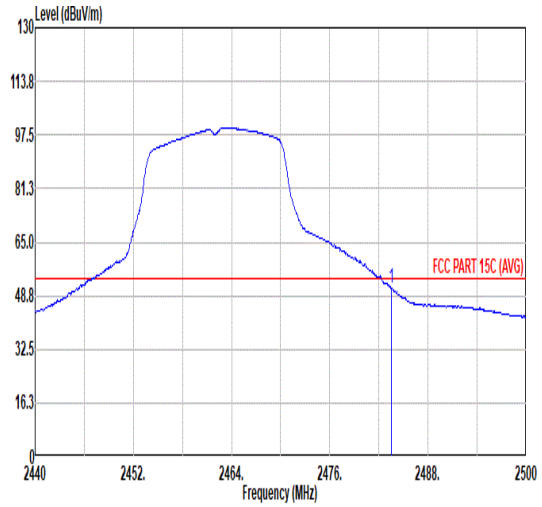


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2483.80	67.48	74.00	-6.52	58.60	32.47	7.26	36.85	6.00	134	299	PEAK

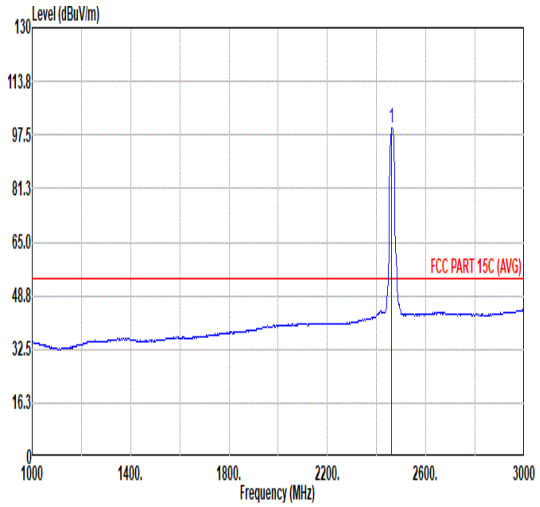


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2462.00	108.56	------	------	99.79	32.43	7.23	36.89	6.00	134	299	PEAK

Avg



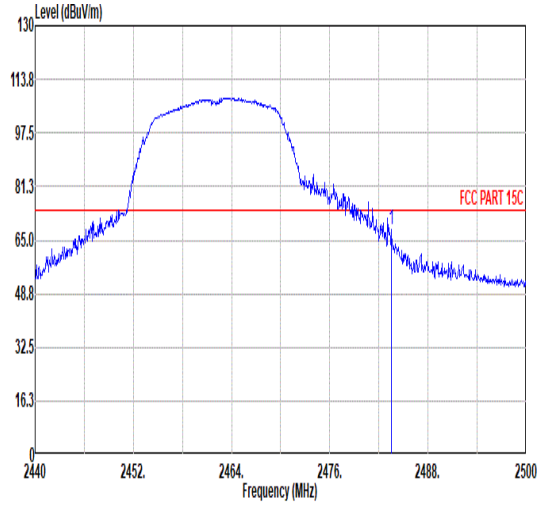
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2483.50	50.89	54.00	-3.11	42.01	32.47	7.26	36.85	6.00	134	299	AVERAGE



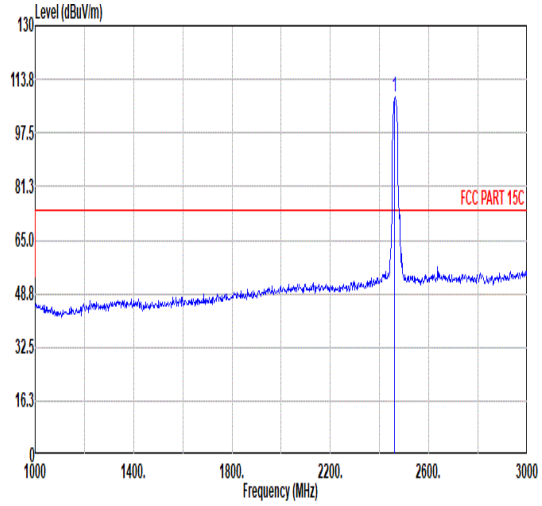
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2462.00	99.63	------	------	90.87	32.43	7.22	36.89	6.00	134	299	AVERAGE

Mode	15	
	Band Edge	
	2400-2483.5_802.11g_CH11_2462MHz	
ANT	1	
Pol.	Vertical	Fundamental

Peak

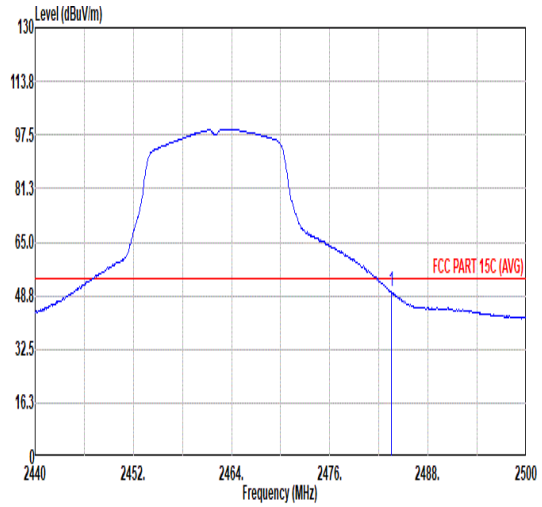


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2483.50	68.25	74.00	-5.75	59.37	32.47	7.26	36.85	6.00	297	58	PEAK

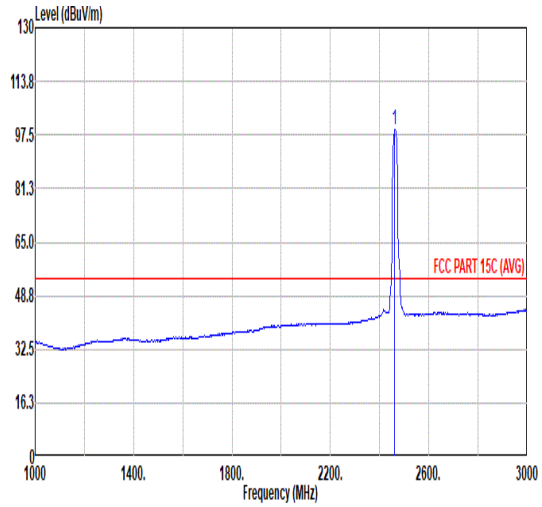


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2462.00	108.56	------	------	99.80	32.43	7.22	36.89	6.00	297	58	PEAK

Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2483.50	50.14	54.00	-3.86	41.26	32.47	7.26	36.85	6.00	297	58	AVERAGE



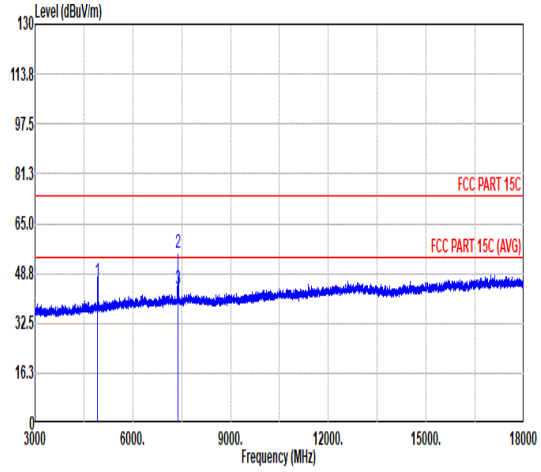
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2462.00	99.25	------	------	90.49	32.43	7.22	36.89	6.00	297	58	AVERAGE

Mode	15
	Harmonic
	2400-2483.5_802.11g_CH11_2462MHz
ANT	1

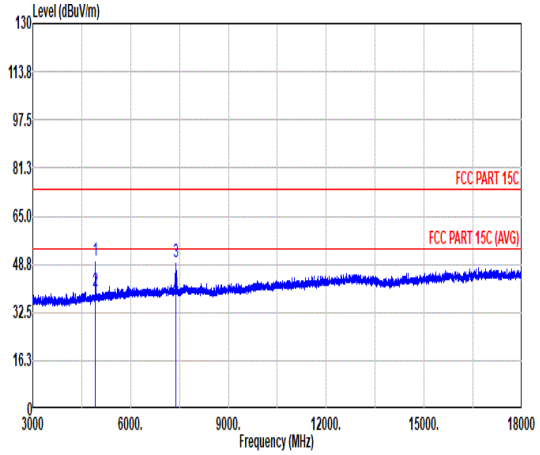
Pol.	Horizontal	Vertical

Peak

Avg



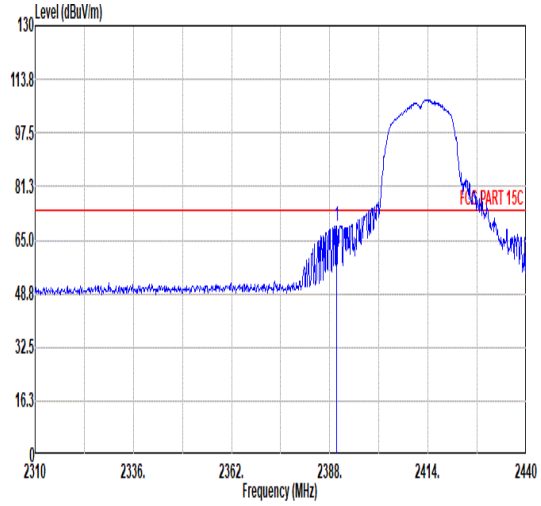
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4924.00	45.88	74.00	-28.12	66.90	34.19	10.35	65.56	0.00	--	--	PEAK
2	7386.00	55.31	74.00	-18.69	73.27	35.80	12.73	66.49	0.00	300	23	PEAK
3	7386.00	43.69	54.00	-10.31	61.66	35.80	12.73	66.50	0.00	300	23	AVERAGE



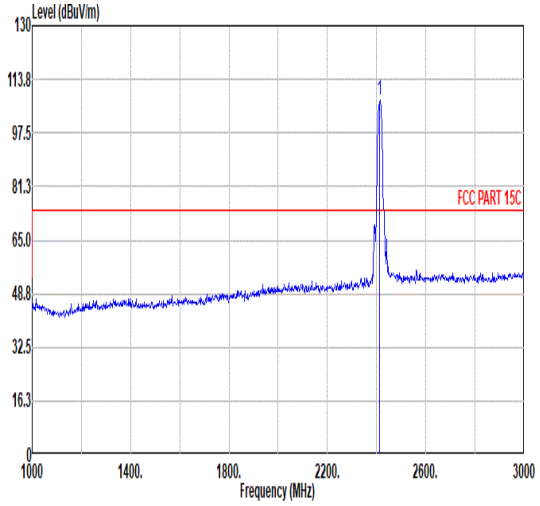
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4924.00	49.84	74.00	-24.16	70.86	34.19	10.35	65.56	0.00	100	0	PEAK
2	4924.00	39.76	54.00	-14.24	60.78	34.19	10.35	65.56	0.00	100	0	AVERAGE
3	7386.00	49.59	74.00	-24.41	67.55	35.80	12.73	66.49	0.00	100	0	PEAK
4	7386.00	38.16	54.00	-15.84	56.14	35.80	12.73	66.51	0.00	100	0	AVERAGE

Mode	16	
	Band Edge	
	2400-2483.5_802.11n HT20_CH01_2412MHz	
ANT	1	
Pol.	Horizontal	Fundamental

Peak

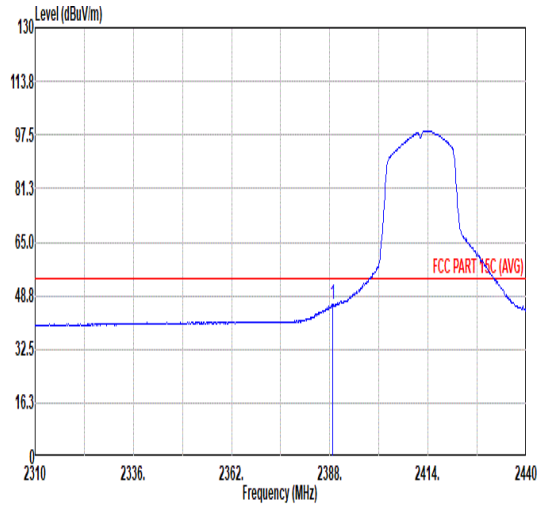


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2389.82	69.28	74.00	-4.72	61.02	32.20	7.11	37.05	6.00	237	301	PEAK

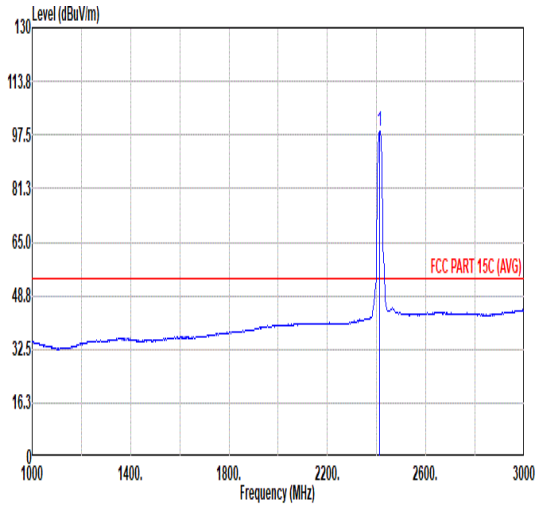


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2412.00	107.55	------	------	99.09	32.33	7.14	37.01	6.00	237	301	PEAK

Avg



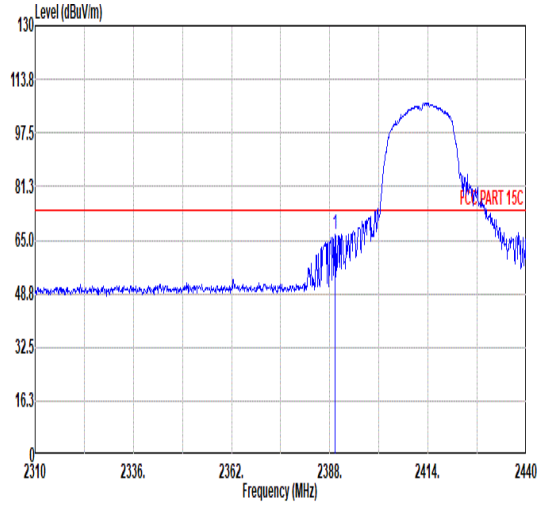
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2388.78	46.03	54.00	-7.97	37.79	32.19	7.10	37.05	6.00	237	301	AVERAGE



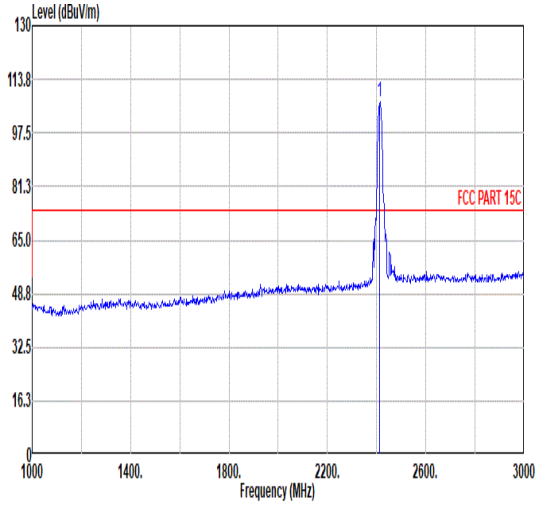
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2412.00	98.62	------	------	90.16	32.33	7.14	37.01	6.00	237	301	AVERAGE

Mode	16	
	Band Edge	
	2400-2483.5_802.11n HT20_CH01_2412MHz	
ANT	1	
Pol.	Vertical	Fundamental

Peak

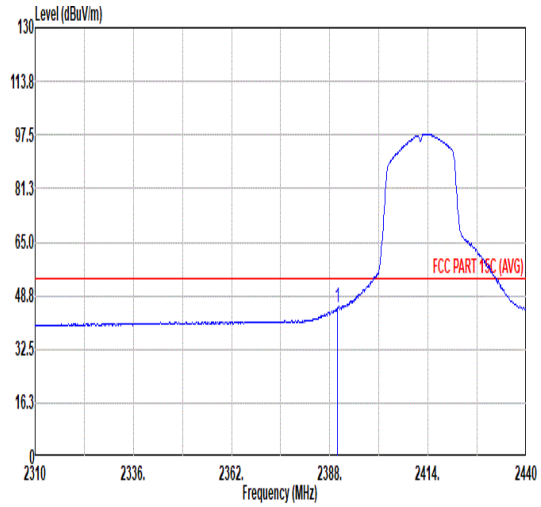


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2389.30	66.53	74.00	-7.47	58.29	32.19	7.10	37.05	6.00	366	280	PEAK

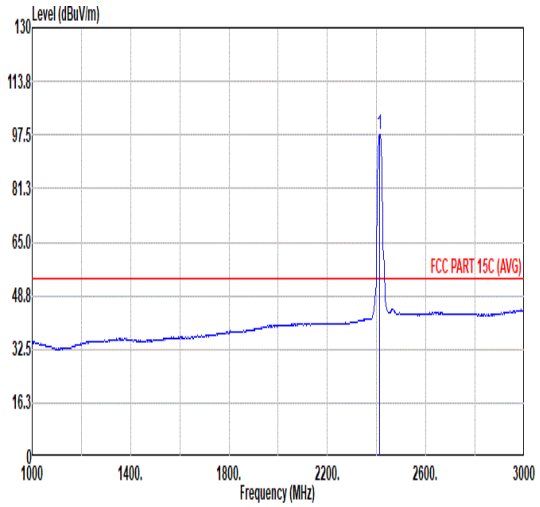


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2412.00	106.96	------	------	98.50	32.33	7.14	37.01	6.00	366	280	PEAK

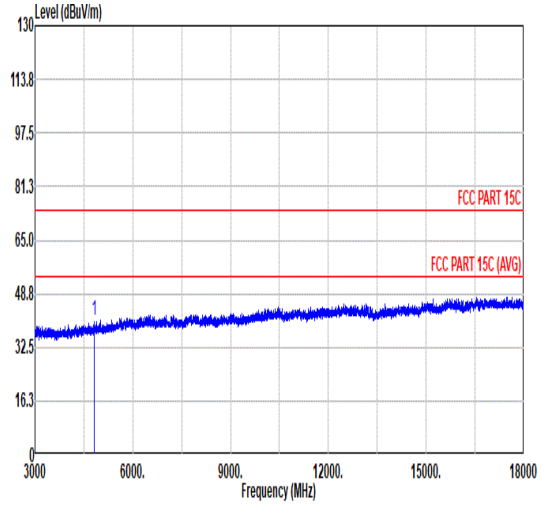
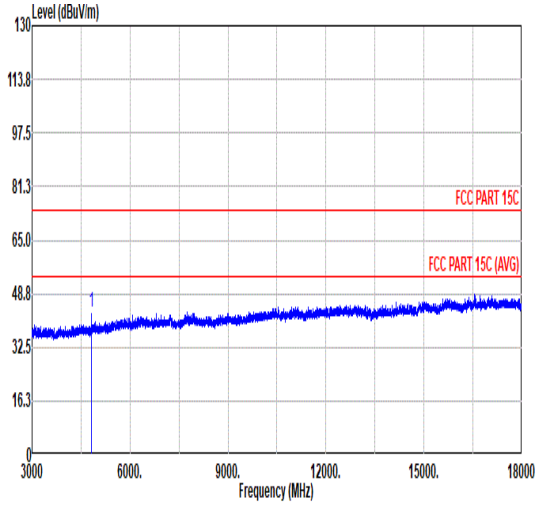
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2389.95	44.98	54.00	-9.02	36.72	32.20	7.11	37.05	6.00	366	280	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2412.00	97.57	------	------	89.11	32.33	7.14	37.01	6.00	366	280	AVERAGE

Mode	16	
	Harmonic	
	2400-2483.5_802.11n HT20_CH01_2412MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4824.00	40.56	74.00	-33.44	61.72	34.10	10.23	65.49	0.00	--	--	PEAK

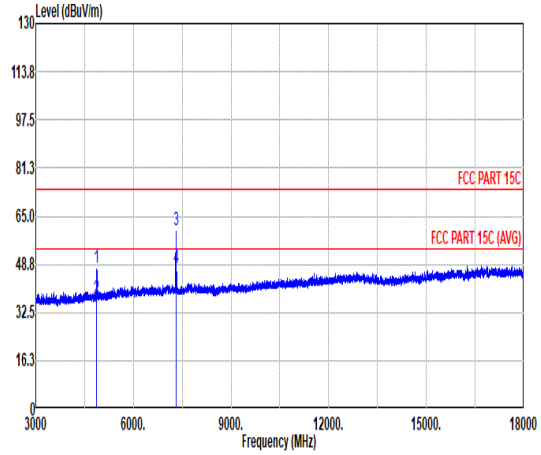
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4824.00	43.32	74.00	-30.68	64.48	34.10	10.23	65.49	0.00	--	--	PEAK

Mode	17
	Harmonic
	2400-2483.5_802.11n HT20_CH06_2437MHz
ANT	1

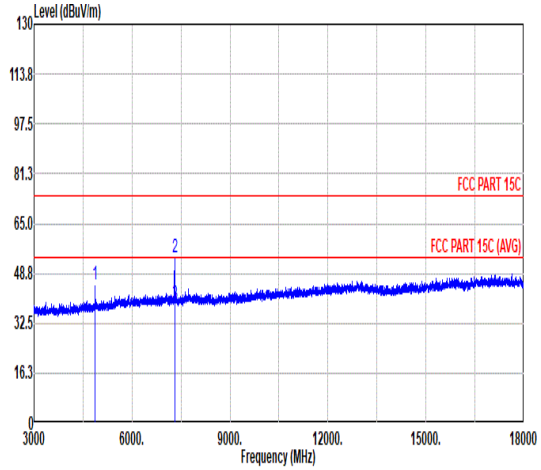
Pol.	Horizontal	Vertical

Peak

Avg



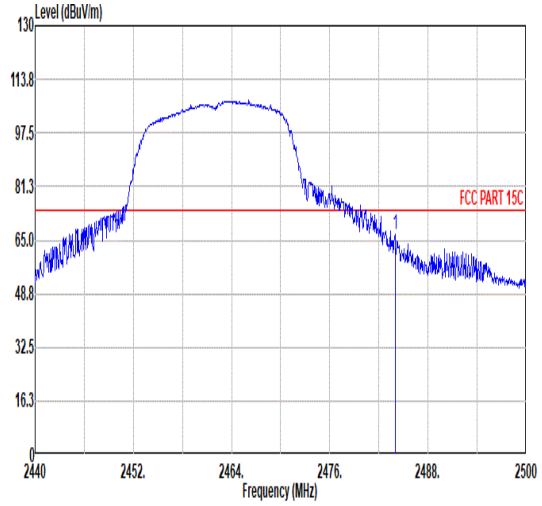
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4874.00	47.37	74.00	-26.63	68.47	34.14	10.29	65.53	0.00	300	0	PEAK
2	4874.00	37.48	54.00	-16.52	58.58	34.14	10.29	65.53	0.00	300	0	AVERAGE
3	7311.00	60.42	74.00	-13.58	78.27	35.72	12.72	66.29	0.00	182	21	PEAK
4	7311.00	47.44	54.00	-6.56	65.29	35.72	12.72	66.29	0.00	182	21	AVERAGE



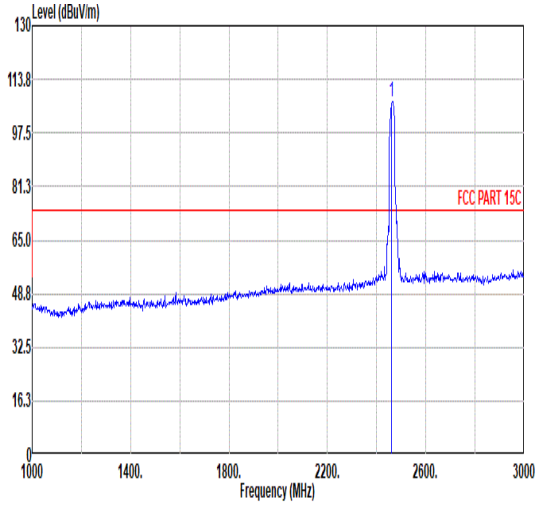
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4874.00	45.12	74.00	-28.88	66.22	34.14	10.29	65.53	0.00	--	--	PEAK
2	7311.00	54.02	74.00	-19.98	71.87	35.72	12.72	66.29	0.00	291	6	PEAK
3	7311.00	38.97	54.00	-15.03	56.82	35.71	12.72	66.28	0.00	291	6	AVERAGE

Mode	18	
	Band Edge	
	2400-2483.5_802.11n HT20_CH11_2462MHz	
ANT	1	
Pol.	Horizontal	Fundamental

Peak

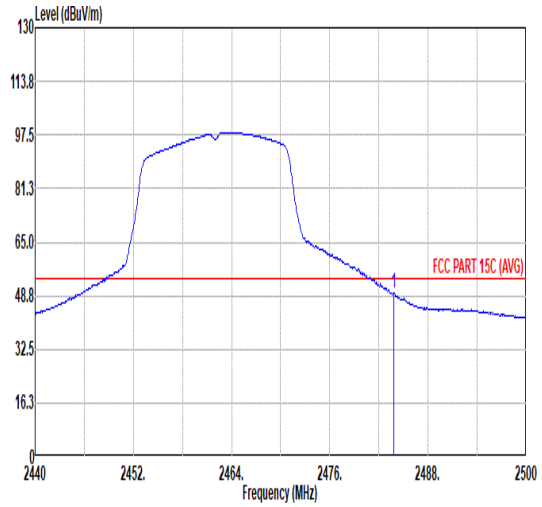


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2483.98	66.51	74.00	-7.49	57.63	32.47	7.26	36.85	6.00	135	299	PEAK

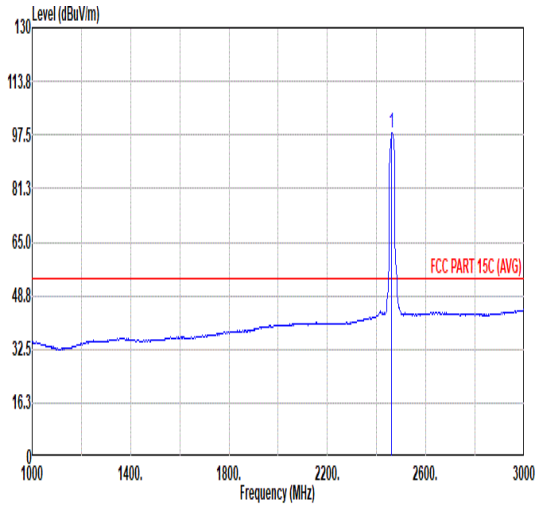


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2462.00	107.01	------	------	98.25	32.43	7.22	36.89	6.00	135	299	PEAK

Avg



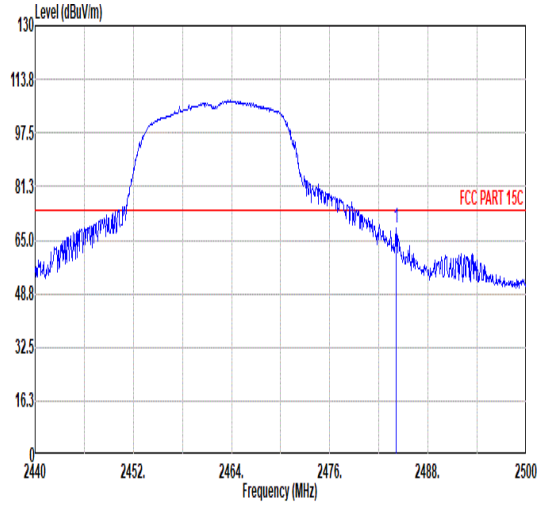
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2483.86	49.70	54.00	-4.30	40.82	32.47	7.26	36.85	6.00	135	299	AVERAGE



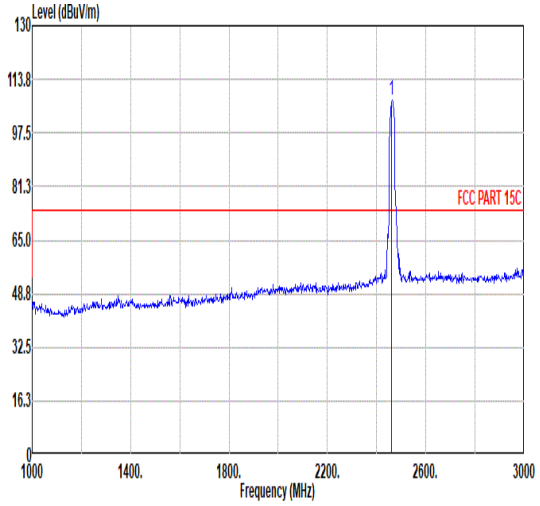
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2462.00	98.13	------	------	89.37	32.43	7.22	36.89	6.00	135	299	AVERAGE

Mode	18	
	Band Edge	
	2400-2483.5_802.11n HT20_CH11_2462MHz	
ANT	1	
Pol.	Vertical	Fundamental

Peak

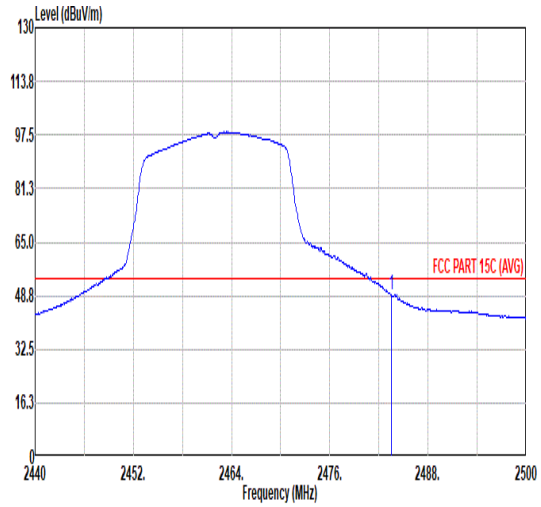


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2484.10	68.53	74.00	-5.47	59.65	32.47	7.26	36.85	6.00	297	56	PEAK

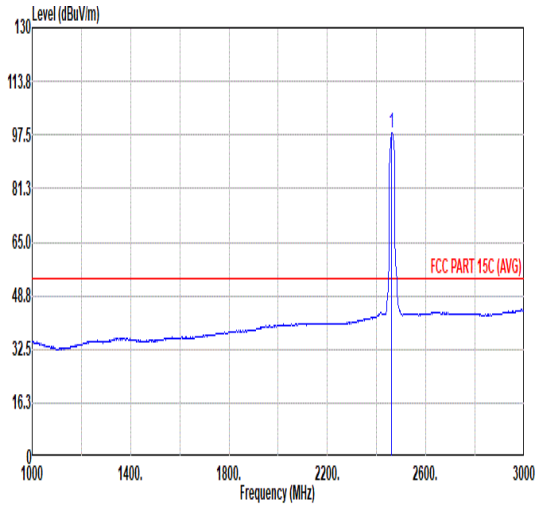


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2462.00	107.32	------	------	98.56	32.43	7.22	36.89	6.00	297	56	PEAK

Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2483.50	49.28	54.00	-4.72	40.40	32.47	7.26	36.85	6.00	297	56	AVERAGE

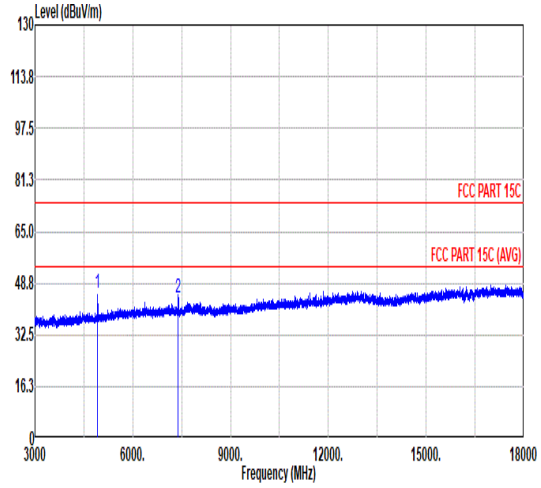


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2462.00	98.23	------	------	89.47	32.43	7.22	36.89	6.00	297	56	AVERAGE

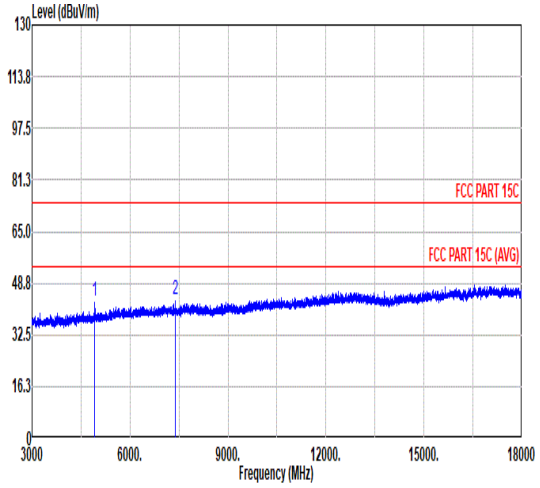
Mode	18
	Harmonic
	2400-2483.5_802.11n HT20_CH11_2462MHz
ANT	1

Pol.	Horizontal	Vertical

Peak

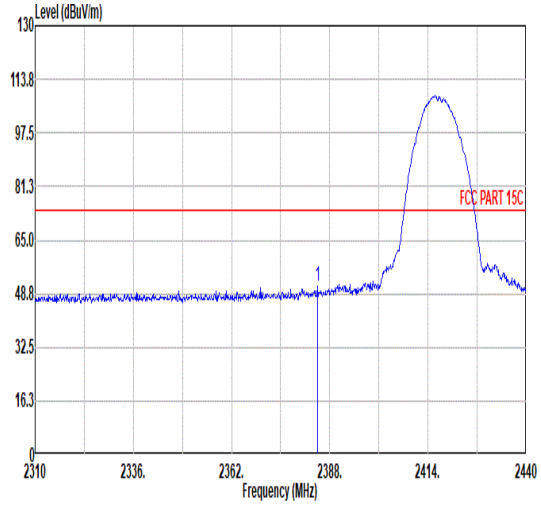
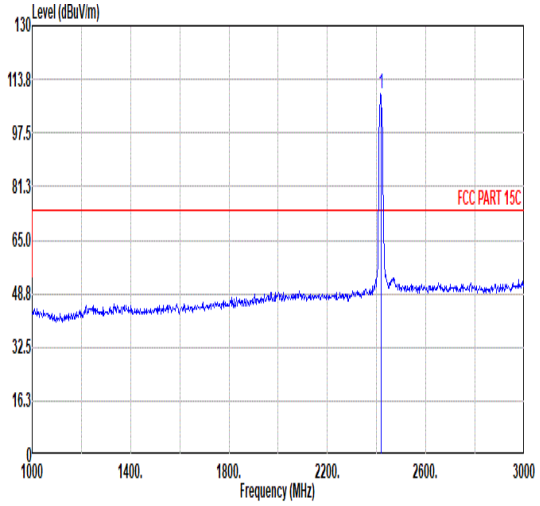
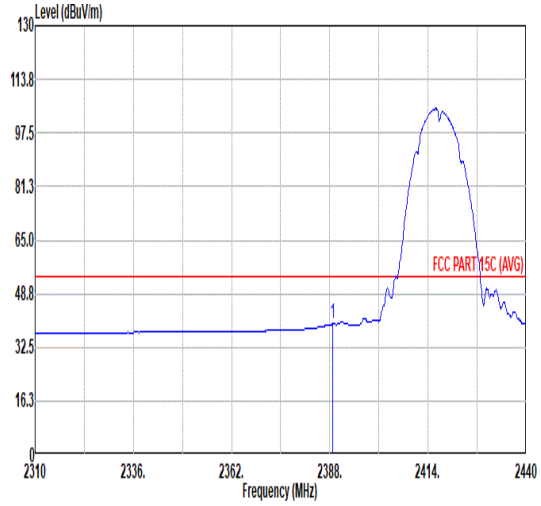
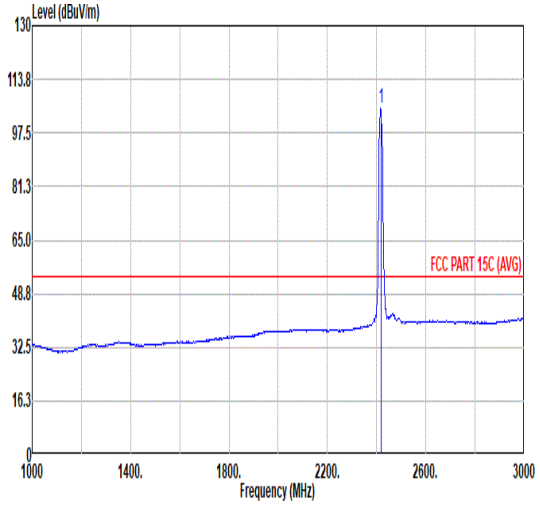


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4924.00	45.81	74.00	-28.19	66.83	34.19	10.35	65.56	0.00	--	--	PEAK
2	7386.00	44.36	74.00	-29.64	62.32	35.80	12.73	66.49	0.00	--	--	PEAK



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4924.00	43.18	74.00	-30.82	64.20	34.19	10.35	65.56	0.00	--	--	PEAK
2	7386.00	43.57	74.00	-30.43	61.53	35.80	12.73	66.49	0.00	--	--	PEAK

Avg

Mode	19	
	Band Edge	
	2400-2483.5_802.11b_CH2_2417MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2384.75	51.05	74.00	-22.95	42.85	32.15	7.10	37.05	6.00	145	304	PEAK

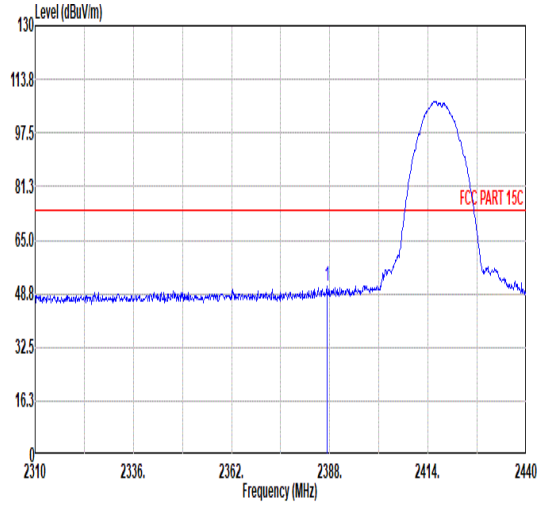
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2417.00	109.31	------	------	100.83	32.33	7.15	37.00	6.00	145	304	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2388.78	39.67	54.00	-14.33	31.43	32.19	7.10	37.05	6.00	145	304	AVERAGE

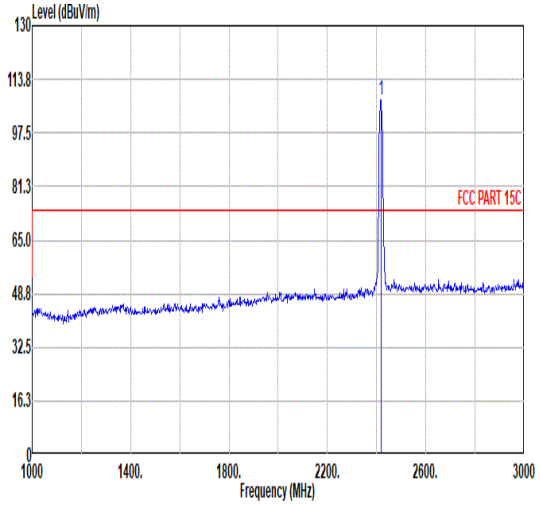
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2417.00	104.87	------	------	96.39	32.33	7.15	37.00	6.00	145	304	AVERAGE

Mode	19	
	Band Edge	
	2400-2483.5_802.11b_CH2_2417MHz	
ANT	1	
Pol.	Vertical	Fundamental

Peak

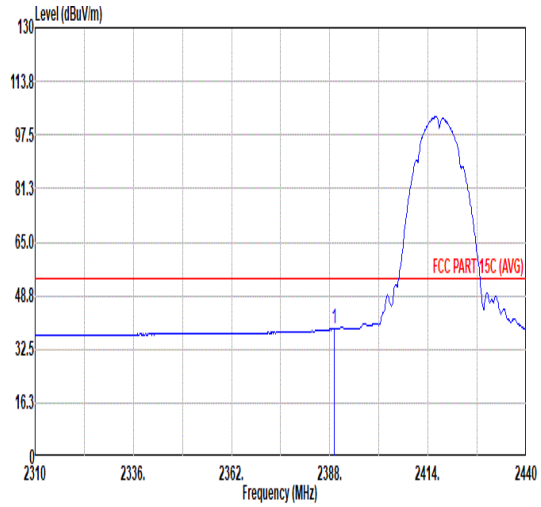


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2387.22	51.08	74.00	-22.92	42.86	32.17	7.10	37.05	6.00	301	280	PEAK

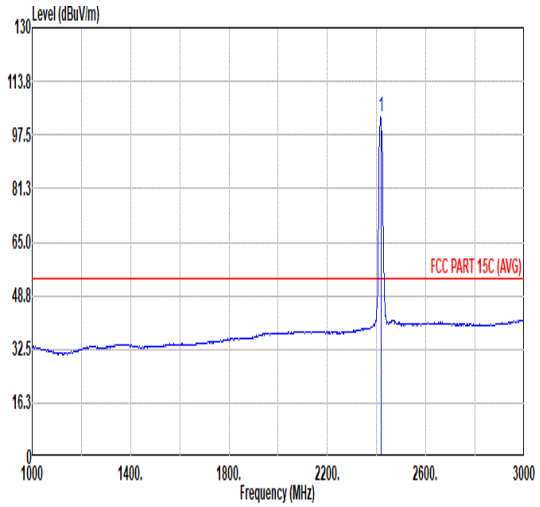


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2417.00	107.63	------	------	99.15	32.33	7.15	37.00	6.00	301	280	PEAK

Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2389.17	38.76	54.00	-15.24	30.52	32.19	7.10	37.05	6.00	301	280	AVERAGE



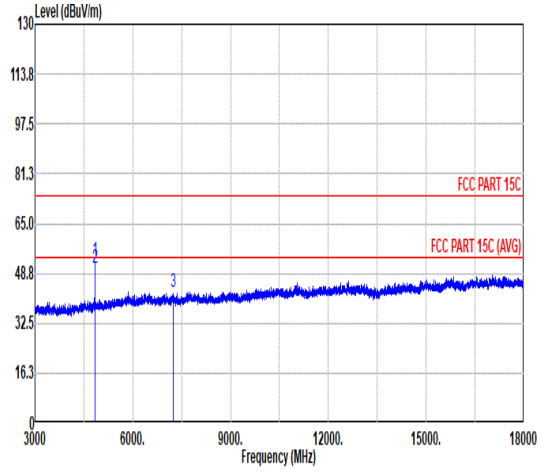
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2417.00	103.19	------	------	94.71	32.33	7.15	37.00	6.00	301	280	AVERAGE

Mode	19
	Harmonic
	2400-2483.5_802.11b_CH2_2417MHz
ANT	1

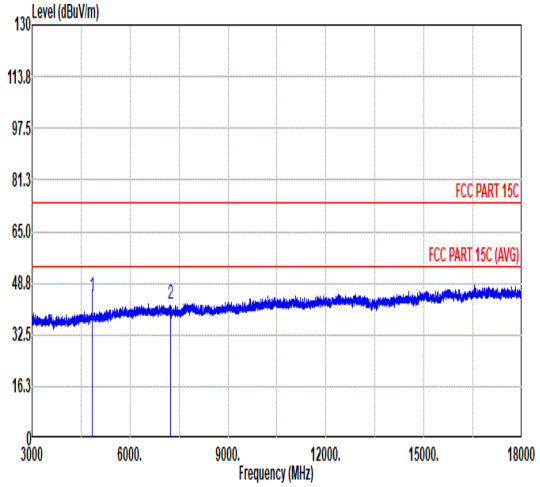
Pol.	Horizontal	Vertical

Peak

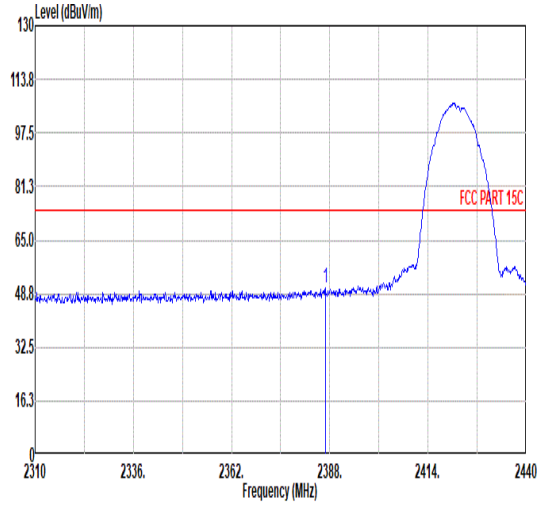
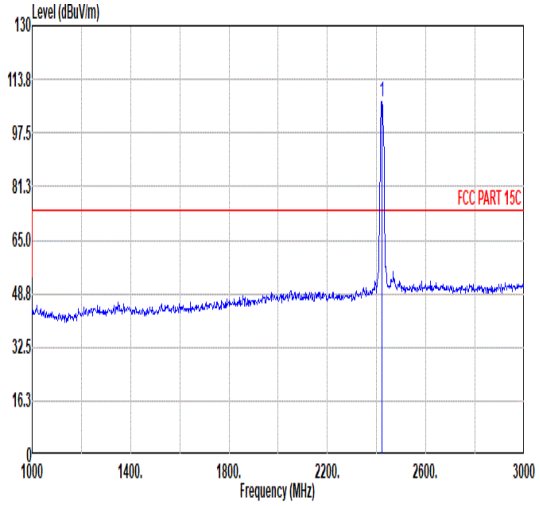
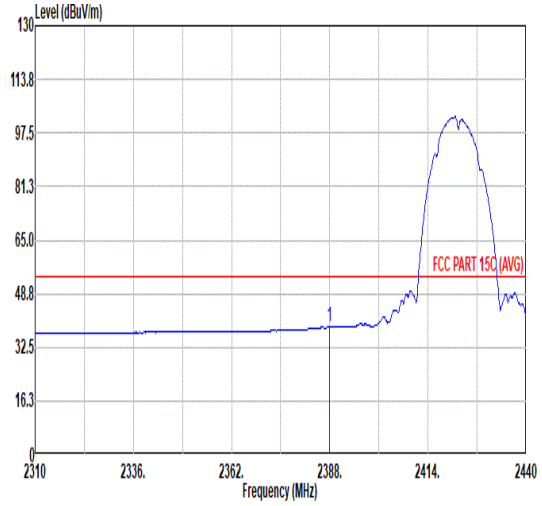
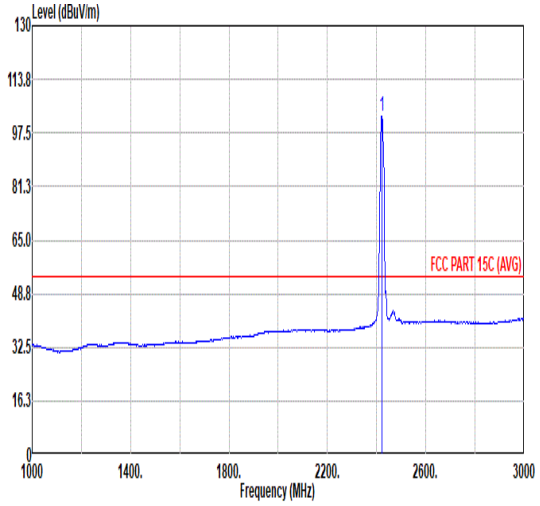
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4834.00	52.76	74.00	-21.24	73.91	34.11	10.24	65.50	0.00	316	14	PEAK
2	4834.00	50.76	54.00	-3.24	71.91	34.11	10.24	65.50	0.00	316	14	AVERAGE
3	7251.00	42.58	74.00	-31.42	60.30	35.70	12.72	66.14	0.00	--	--	PEAK



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4834.00	44.88	74.00	-29.12	66.03	34.11	10.24	65.50	0.00	--	--	PEAK
2	7251.00	42.30	74.00	-31.70	60.02	35.70	12.72	66.14	0.00	--	--	PEAK

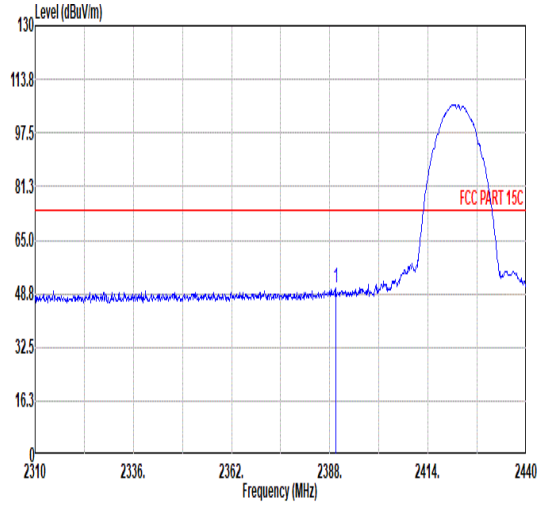
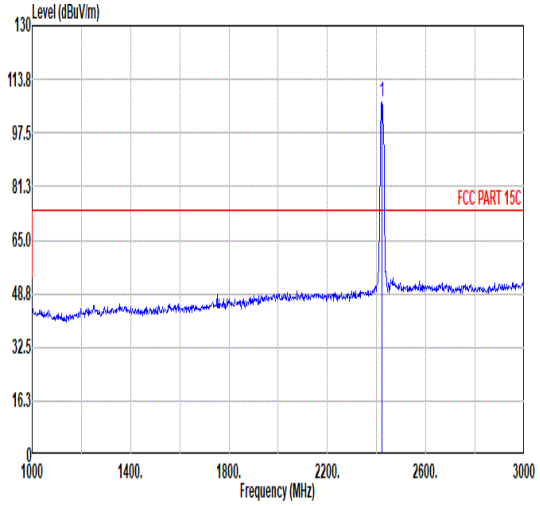
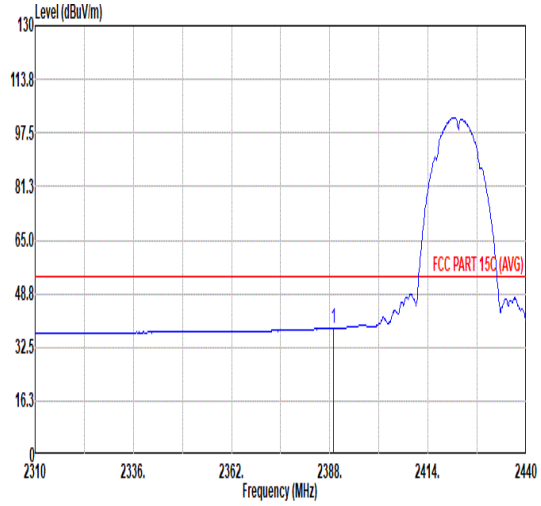
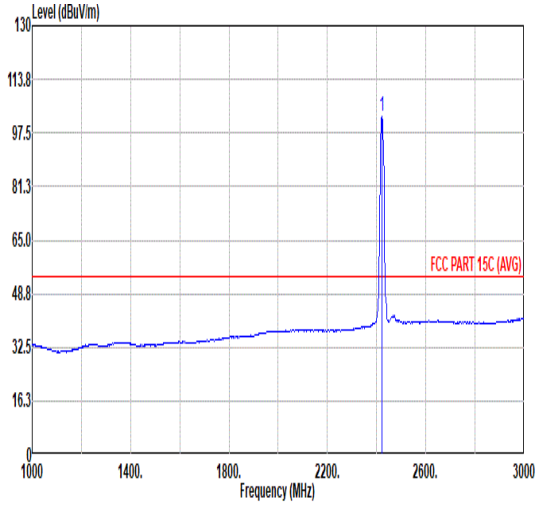
Mode	20	
	Band Edge	
	2400-2483.5_802.11b_CH3_2422MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2386.83	50.77	74.00	-23.23	42.55	32.17	7.10	37.05	6.00	169	306	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2422.00	106.91	------	------	98.40	32.34	7.16	36.99	6.00	169	306	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2388.00	38.84	54.00	-15.16	30.61	32.18	7.10	37.05	6.00	169	306	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2422.00	102.47	------	------	93.96	32.34	7.16	36.99	6.00	169	306	AVERAGE

Mode	20	
	Band Edge	
	2400-2483.5_802.11b_CH3_2422MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak		
Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2389.56	50.40	74.00	-23.60	42.15	32.20	7.10	37.05	6.00	293	282	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2422.00	106.83	------	------	98.32	32.34	7.16	36.99	6.00	293	282	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2388.91	38.42	54.00	-15.58	30.18	32.19	7.10	37.05	6.00	293	282	AVERAGE

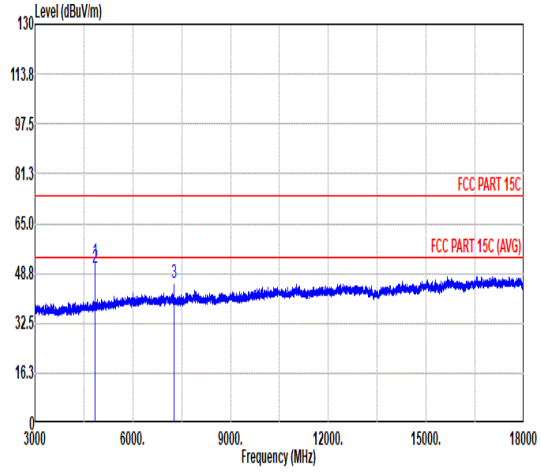
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2422.00	102.32	------	------	93.81	32.34	7.16	36.99	6.00	293	282	AVERAGE

Mode	20
	Harmonic
	2400-2483.5_802.11b_CH3_2422MHz
ANT	1

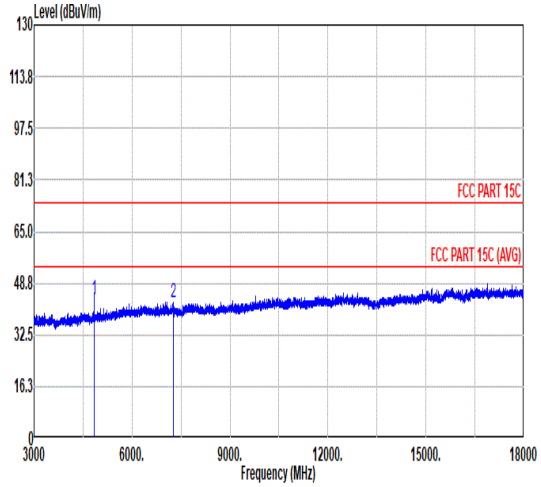
Pol.	Horizontal	Vertical

Peak

Avg



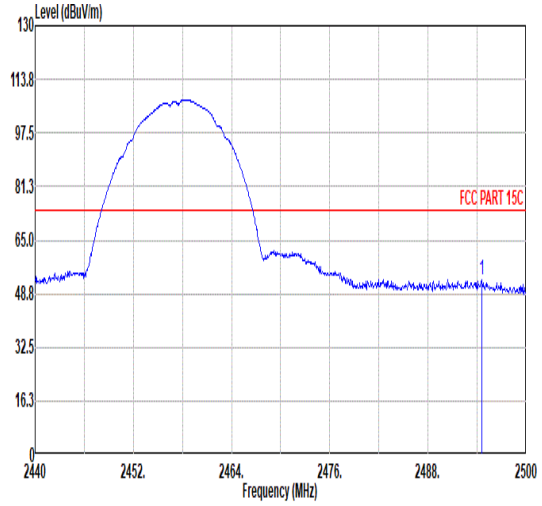
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4844.00	52.59	74.00	-21.41	73.73	34.12	10.25	65.51	0.00	314	16	PEAK
2	4844.00	50.65	54.00	-3.35	71.79	34.12	10.25	65.51	0.00	314	16	AVERAGE
3	7266.00	45.69	74.00	-28.31	63.45	35.70	12.72	66.18	0.00	--	--	PEAK



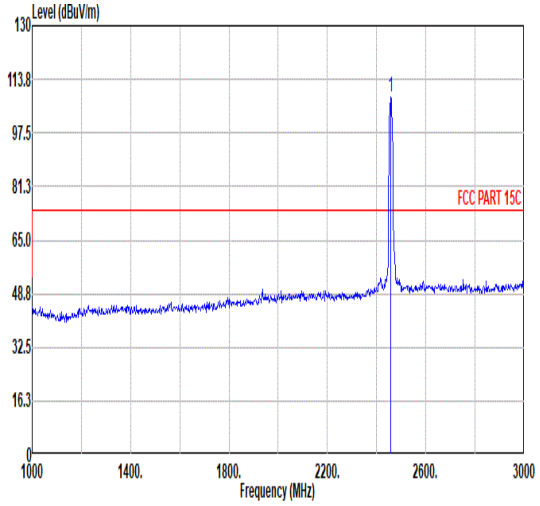
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4844.00	43.76	74.00	-30.24	64.90	34.12	10.25	65.51	0.00	--	--	PEAK
2	7266.00	42.77	74.00	-31.23	60.53	35.70	12.72	66.18	0.00	--	--	PEAK

Mode	21	
	Band Edge	
	2400-2483.5_802.11b_CH10_2457MHz	
ANT	1	
Pol.	Horizontal	Fundamental

Peak

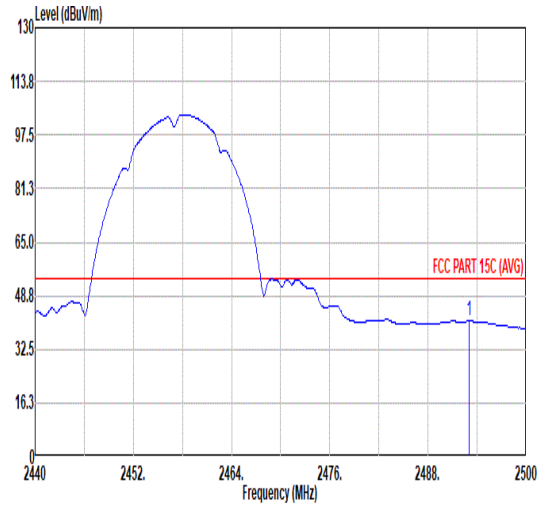


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2494.54	52.82	74.00	-21.18	43.88	32.49	7.27	36.82	6.00	115	304	PEAK

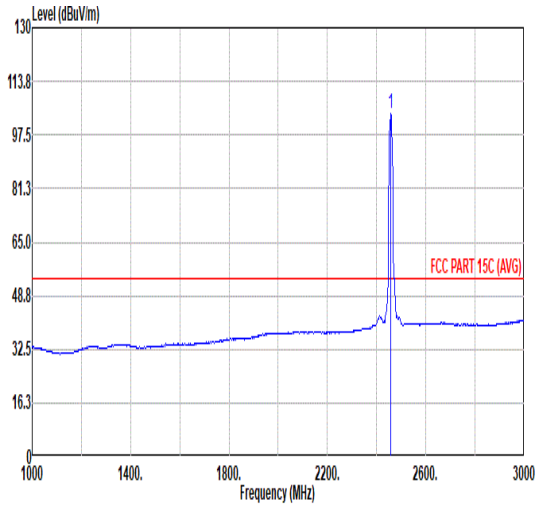


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2457.00	108.19	------	------	99.47	32.42	7.21	36.91	6.00	115	304	PEAK

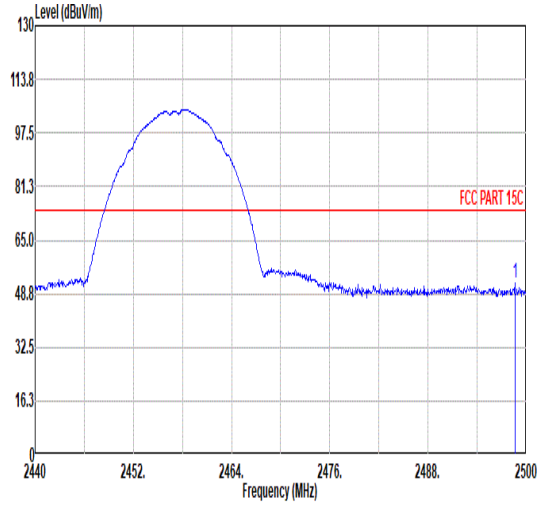
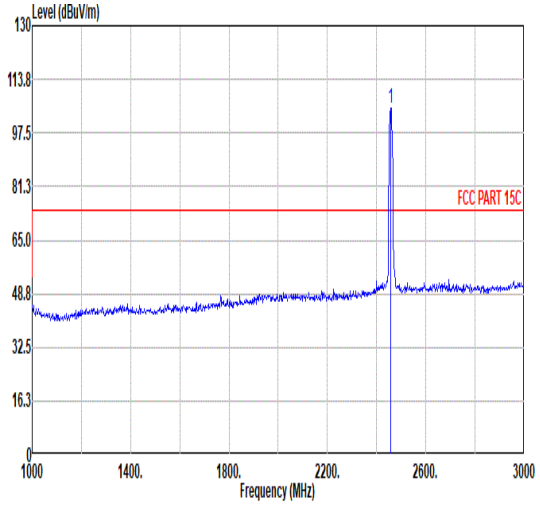
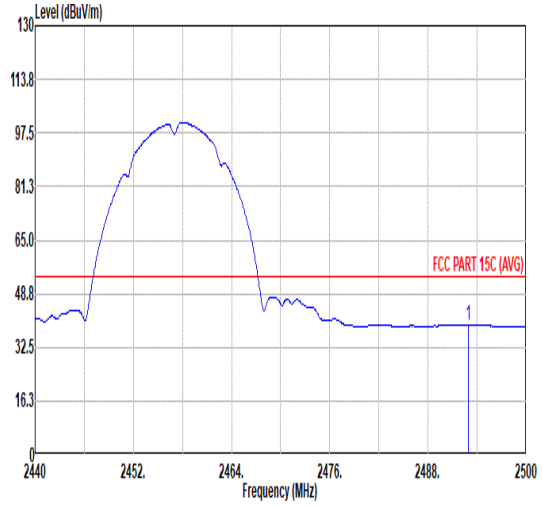
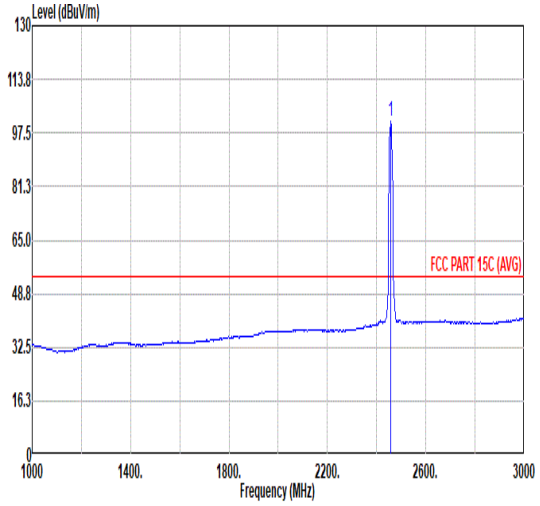
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2493.04	41.30	54.00	-12.70	32.37	32.49	7.27	36.83	6.00	115	304	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2457.00	103.88	------	------	95.16	32.42	7.21	36.91	6.00	115	304	AVERAGE

Mode	21	
	Band Edge	
	2400-2483.5_802.11b_CH10_2457MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak		
Avg		

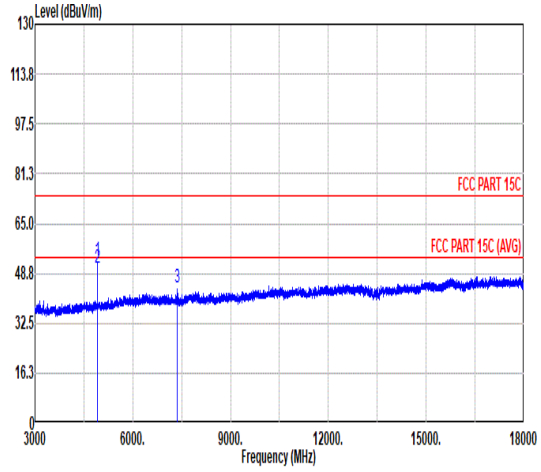
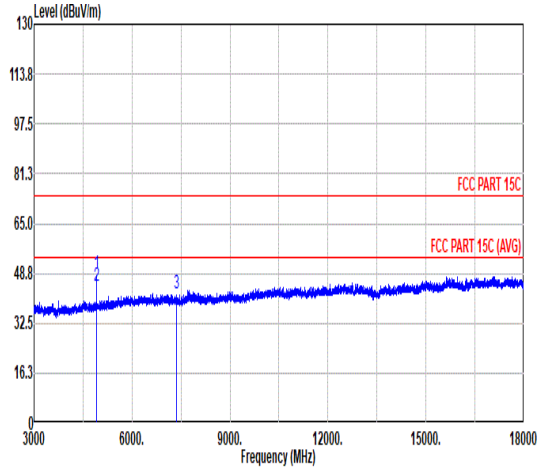
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2498.62	51.77	74.00	-22.23	42.80	32.50	7.28	36.81	6.00	244	0	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2457.00	105.06	------	------	96.34	32.42	7.21	36.91	6.00	244	0	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2492.92	39.43	54.00	-14.57	30.50	32.49	7.27	36.83	6.00	244	0	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2457.00	100.85	------	------	92.13	32.42	7.21	36.91	6.00	244	0	AVERAGE

Mode	21
	Harmonic
	2400-2483.5_802.11b_CH10_2457MHz
ANT	1

Pol.	Horizontal	Vertical
Peak Avg		

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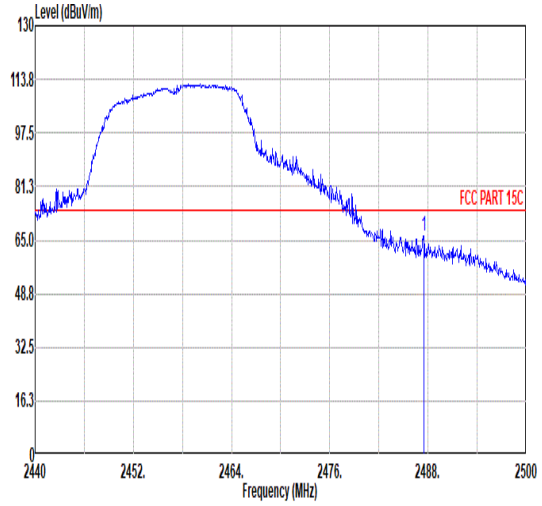
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4914.00	52.98	74.00	-21.02	74.02	34.18	10.34	65.56	0.00	307	14	PEAK
2	4914.00	50.56	54.00	-3.44	71.60	34.18	10.34	65.56	0.00	307	14	AVERAGE
3	7371.00	44.39	74.00	-29.61	62.31	35.80	12.73	66.45	0.00	--	--	PEAK

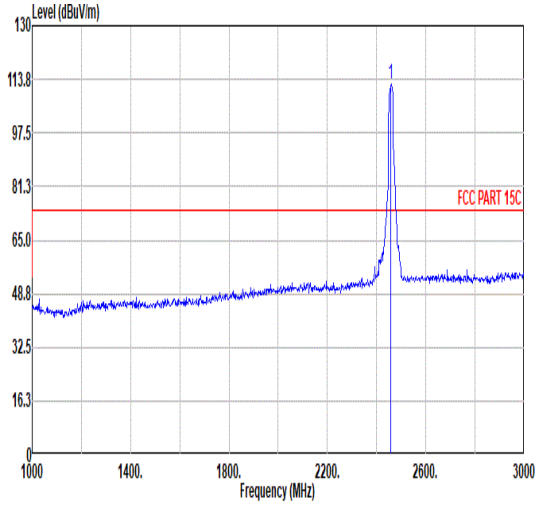
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4914.00	48.56	74.00	-25.44	69.60	34.18	10.34	65.56	0.00	100	0	PEAK
2	4914.00	44.50	54.00	-9.50	65.54	34.18	10.34	65.56	0.00	100	0	AVERAGE
3	7371.00	42.36	74.00	-31.64	60.28	35.80	12.73	66.45	0.00	--	--	PEAK

Mode	22	
	Band Edge	
	2400-2483.5_802.11g_CH10_2457MHz	
ANT	1	
Pol.	Horizontal	Fundamental

Peak

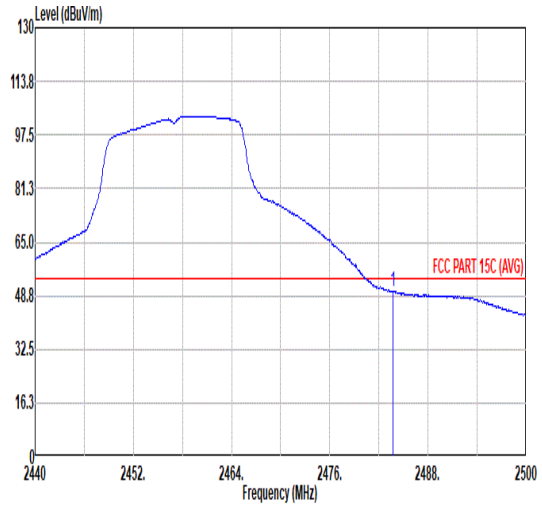


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2487.52	66.12	74.00	-7.88	57.22	32.48	7.26	36.84	6.00	185	302	PEAK

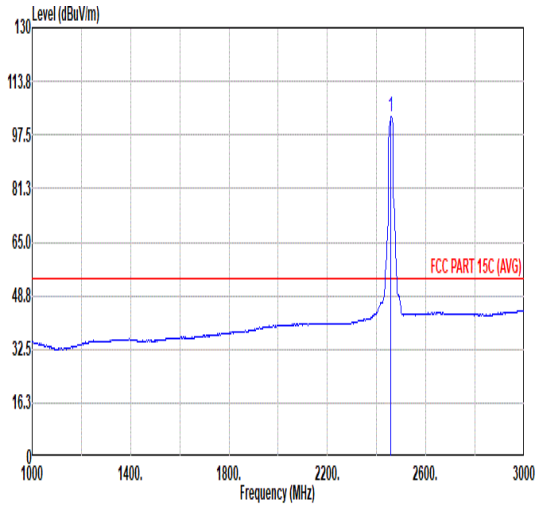


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2457.00	112.47	------	------	103.73	32.42	7.22	36.90	6.00	185	302	PEAK

Avg



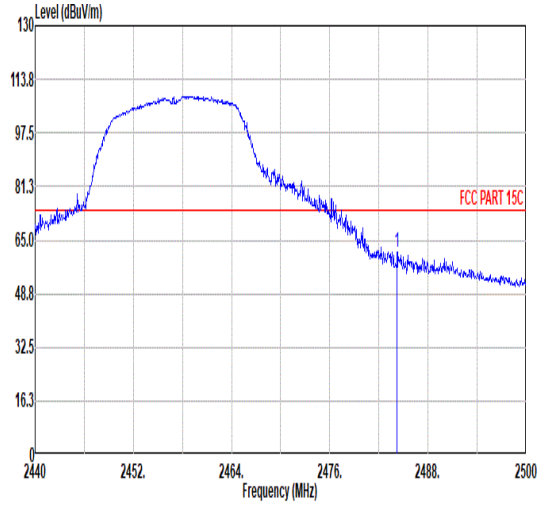
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2483.74	50.22	54.00	-3.78	41.34	32.47	7.26	36.85	6.00	185	302	AVERAGE



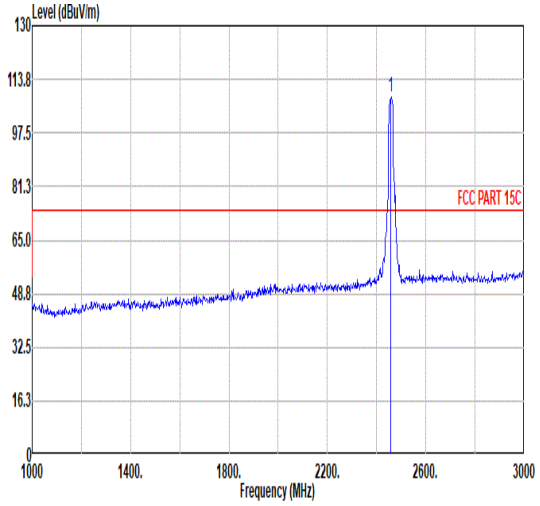
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2457.00	103.11	------	------	94.39	32.42	7.21	36.91	6.00	185	302	AVERAGE

Mode	22	
	Band Edge	
	2400-2483.5_802.11g_CH10_2457MHz	
ANT	1	
Pol.	Vertical	Fundamental

Peak

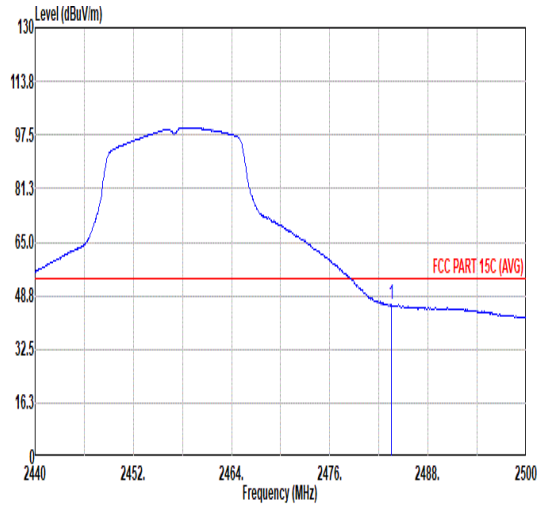


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2484.22	61.54	74.00	-12.46	52.66	32.47	7.26	36.85	6.00	244	0	PEAK

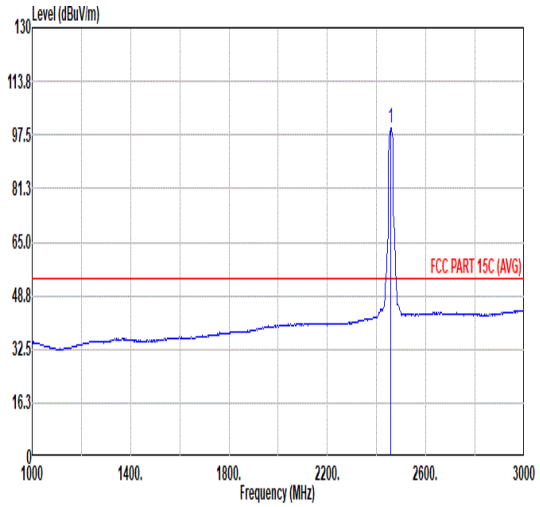


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2457.00	108.47	------	------	99.73	32.42	7.22	36.90	6.00	244	0	PEAK

Avg

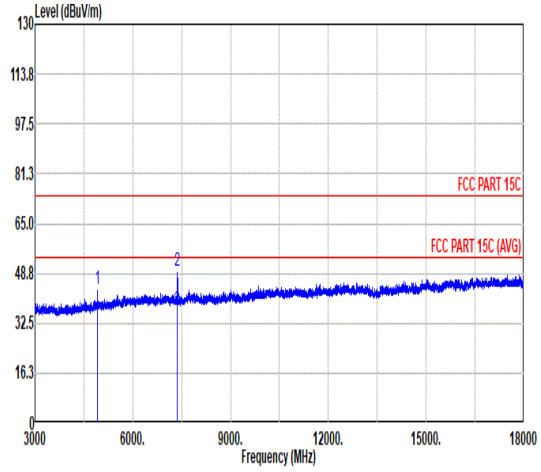
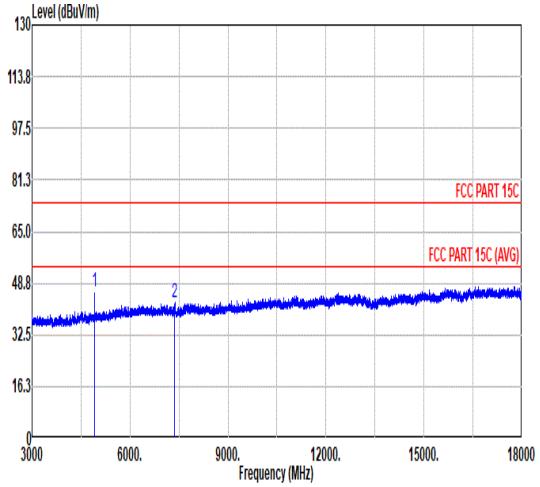


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2483.50	46.11	54.00	-7.89	37.23	32.47	7.26	36.85	6.00	244	0	AVERAGE



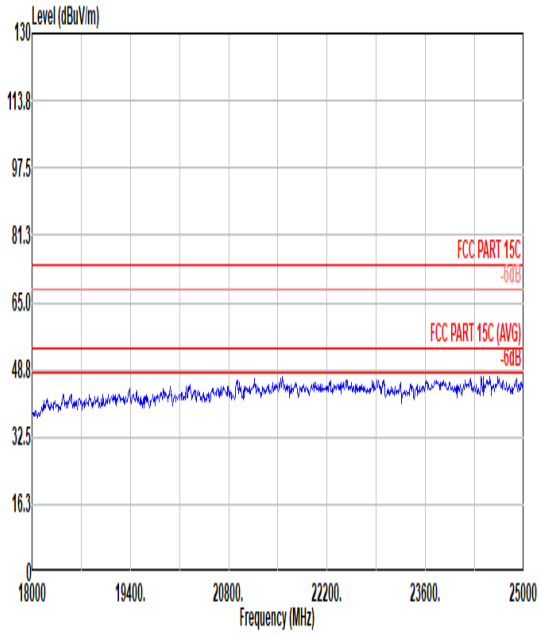
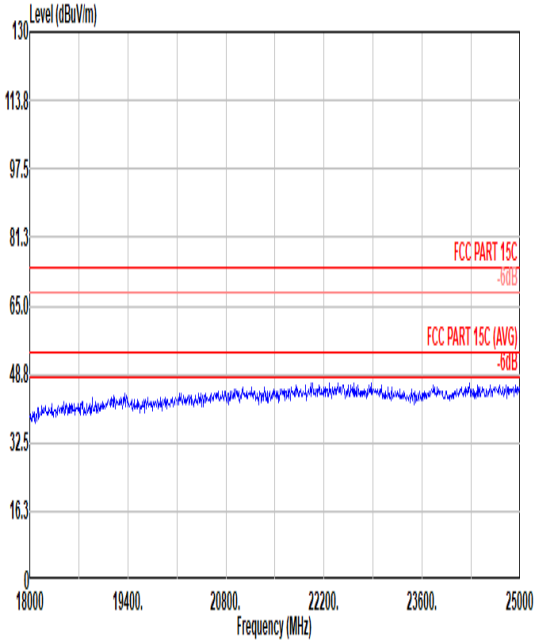
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2457.00	99.70	------	------	90.98	32.42	7.21	36.91	6.00	244	0	AVERAGE

Mode	22
	Harmonic
	2400-2483.5_802.11g_CH10_2457MHz
ANT	1

Pol.	Horizontal	Vertical
Peak Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4914.00	43.58	74.00	-30.42	64.62	34.18	10.34	65.56	0.00	--	--	PEAK
2	7371.00	49.58	74.00	-24.42	67.50	35.80	12.73	66.45	0.00	300	0	PEAK
3	7371.00	36.69	54.00	-17.31	54.62	35.80	12.73	66.46	0.00	300	0	AVERAGE

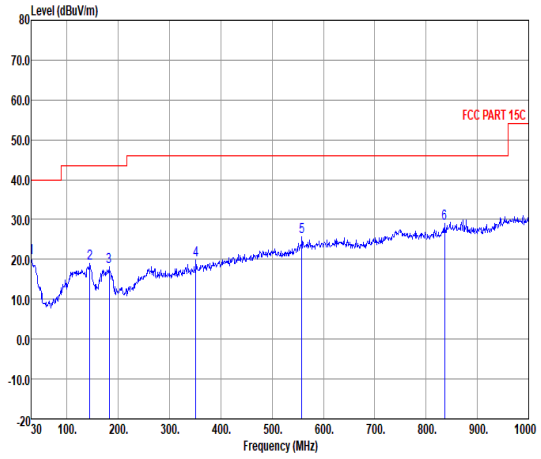
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4914.00	46.30	74.00	-27.70	67.34	34.18	10.34	65.56	0.00	--	--	PEAK
2	7371.00	42.80	74.00	-31.20	60.72	35.80	12.73	66.45	0.00	--	--	PEAK

Mode	15	
	18G-25G	
	2400-2483.5_802.11g_CH11_2462MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg		

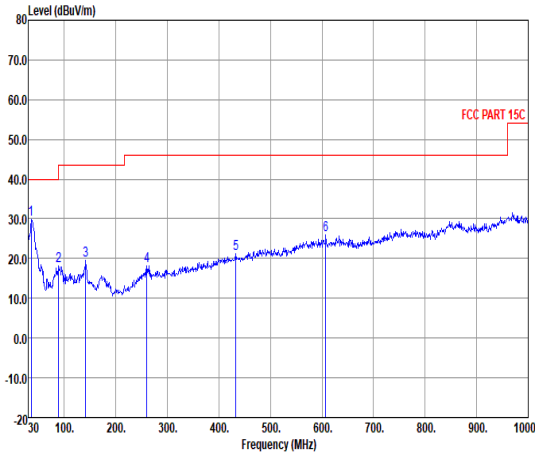
Mode	15
	30-1G
	2400-2483.5_802.11g_CH11_2462MHz
ANT	1

Pol.	Horizontal	Vertical

Peak



	Freq	Level	Limit Line	Over Limit	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	30.00	20.32	40.00	-19.68	28.06	24.57	0.71	33.02	0.00	---	---	Peak
2	144.46	18.94	43.50	-24.56	33.47	16.49	1.81	32.83	0.00	---	---	Peak
3	182.29	18.22	43.50	-25.28	33.24	15.77	2.04	32.83	0.00	---	---	Peak
4	351.07	19.82	46.00	-26.18	29.45	20.45	2.85	32.93	0.00	---	---	Peak
5	557.68	25.61	46.00	-20.39	30.04	25.08	3.60	33.11	0.00	---	---	Peak
6	836.07	28.89	46.00	-17.11	30.46	26.50	4.41	32.48	0.00	---	---	Peak

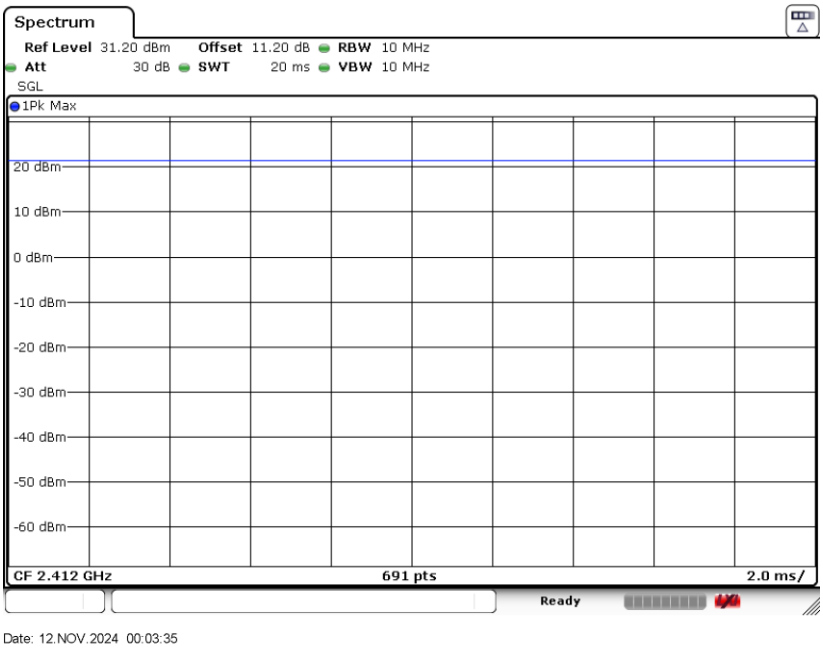


	Freq	Level	Limit Line	Over Limit	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	35.82	29.93	40.00	-10.07	40.53	21.49	0.81	32.90	0.00	---	---	Peak
2	89.17	18.03	43.50	-25.47	34.50	14.97	1.41	32.85	0.00	---	---	Peak
3	141.55	19.51	43.50	-23.99	34.02	16.53	1.79	32.83	0.00	---	---	Peak
4	259.89	18.18	46.00	-27.82	29.90	18.60	2.46	32.78	0.00	---	---	Peak
5	432.55	21.26	46.00	-24.74	28.84	22.23	3.17	32.98	0.00	---	---	Peak
6	607.15	25.83	46.00	-20.17	30.15	24.98	3.76	33.06	0.00	---	---	Peak

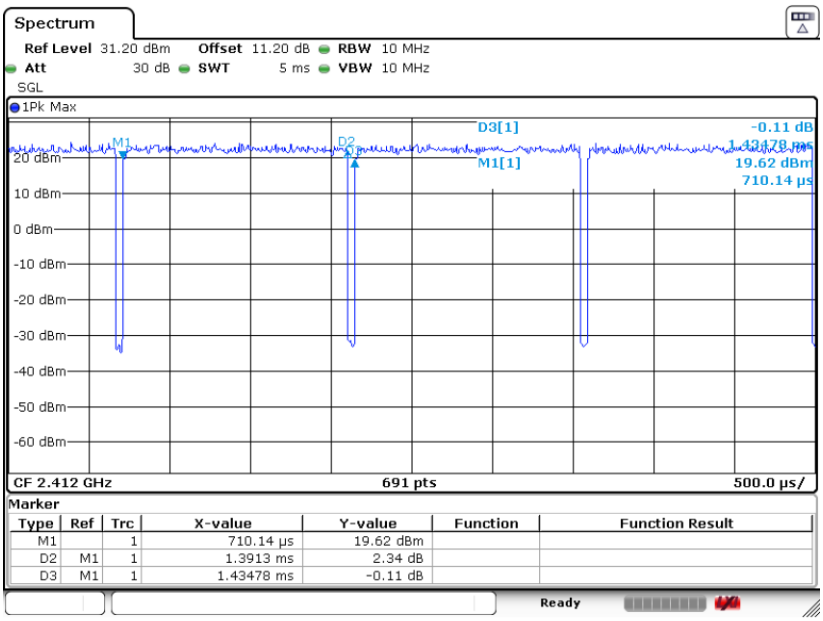
Appendix D. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11b	100	-	-	10Hz
802.11g	96.97	1.391	0.719	0.75KHz
802.11n HT20	96.76	1.297	0.771	0.82KHz

802.11b



802.11g



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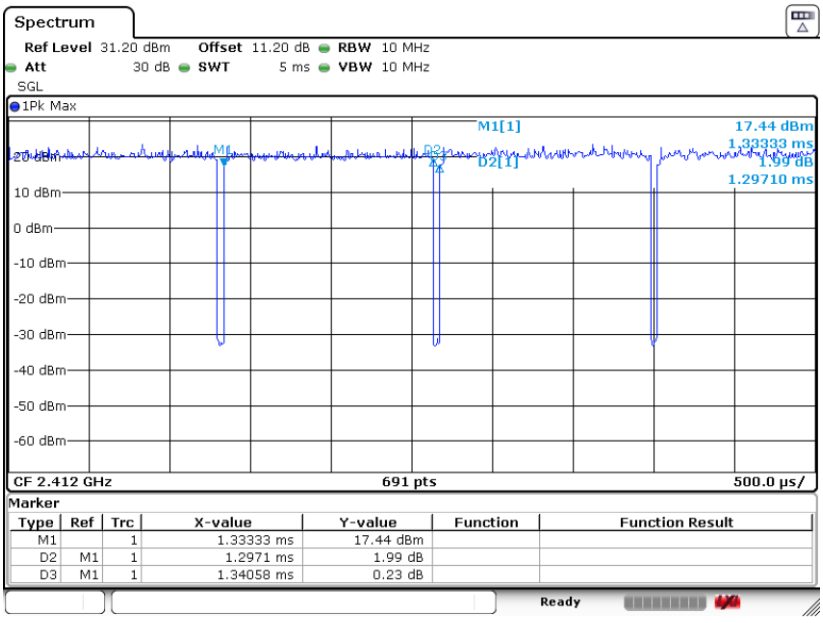
802.11n HT20



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