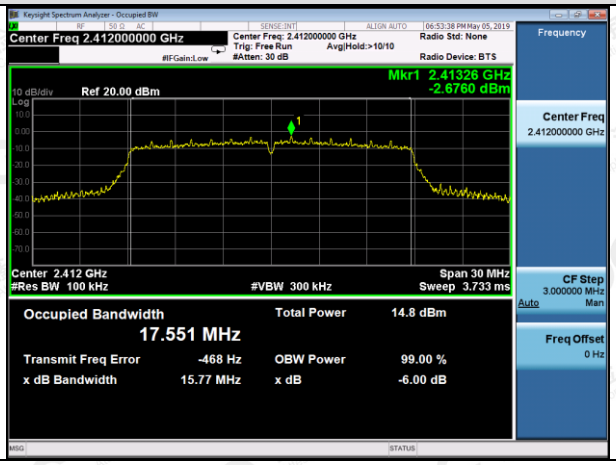
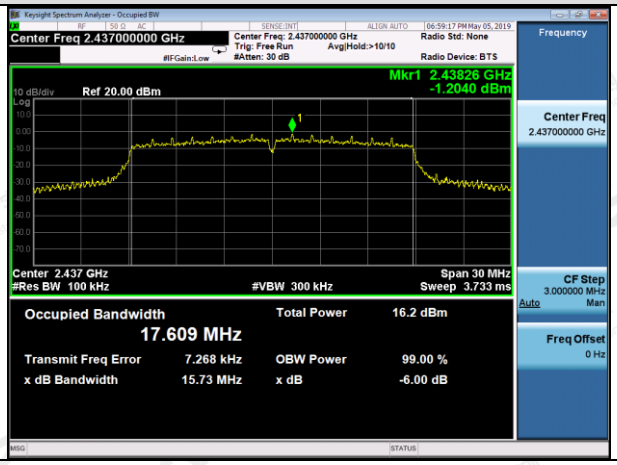
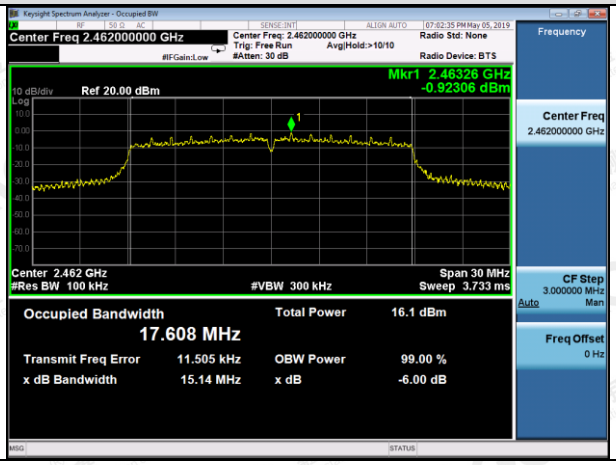
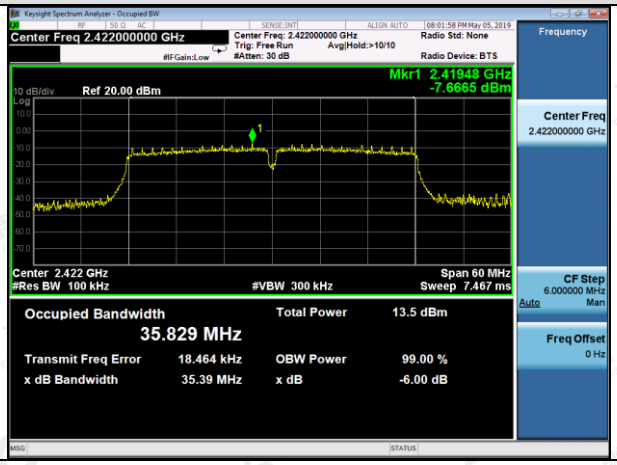
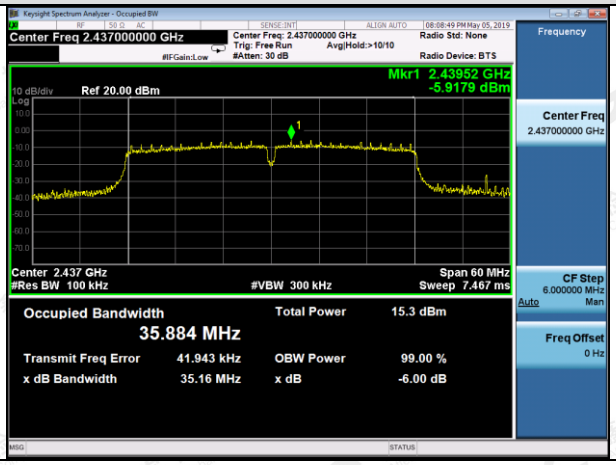
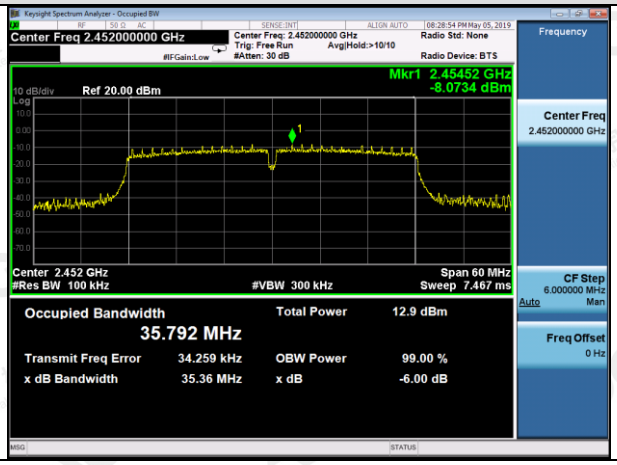
11nHT20-LCH	11nHT20-MCH
	

11nHT20-HCH	11nHT40-LCH
	

11nHT40-MCH	11nHT40-HCH
	

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9. CONDUCTED SPURIOUS EMISSION

9.1. MEASUREMENT PROCEDURE

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2, Set the EUT Work on the top, the middle and the bottom operation frequency individually.
3. Set SPA Trace 1 Max hold, then View.

Note: The EUT was tested according to KDB 558074 for compliance to FCC 47CFR 15.247 requirements. Owing to satisfy the requirements of the number of measurement points, we set the RBW=1MHz, VBW＞RBW, scan up through 10th harmonic, and consider the tested results as the worst case, if the tested results conform to the requirement, we can deem that the real tested results(set the RBW=100KHz, VBW＞RBW) are conform to the requirement.

9.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

The same as described in section 8.2.

9.3. MEASUREMENT EQUIPMENT USED

The same as described in section 6.

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9.4. LIMITS AND MEASUREMENT RESULT

LIMITS AND MEASUREMENT RESULT		
Applicable Limits	Measurement Result	
	Test Data	Criteria
In any 100 KHz Bandwidth Outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produce by the intentional radiator shall be at least 30 dB below that in 100KHz bandwidth within the band that contains the highest level of the desired power. In addition, radiation emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in§15.209(a))	Refer Test Graph	PASS

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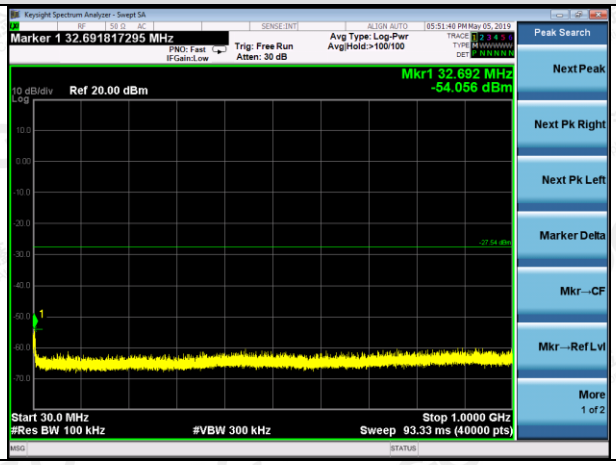
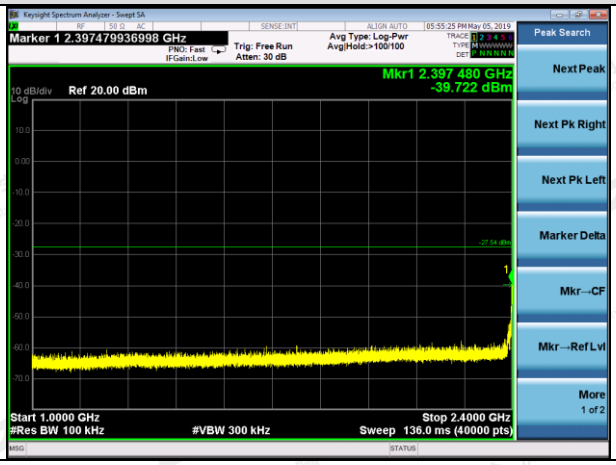
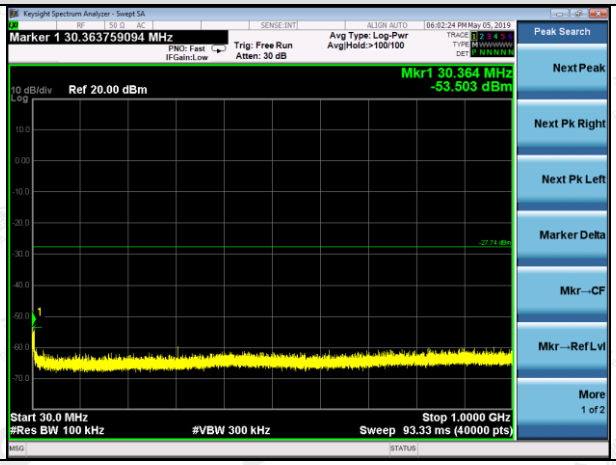
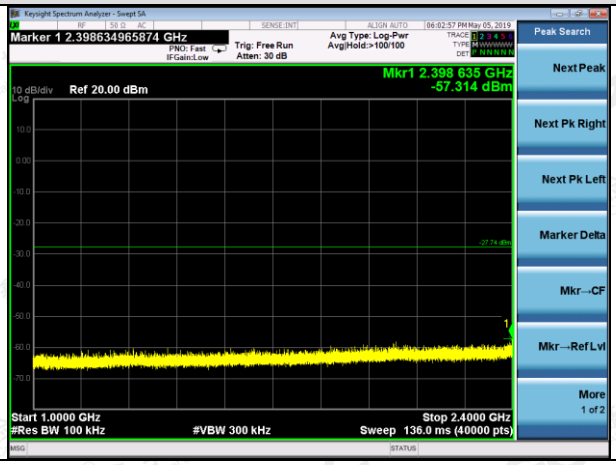
Test Graph

11B-LCH	11B-LCH
	

11B-LCH	11B-MCH
	

11B-MCH	11B-MCH
	

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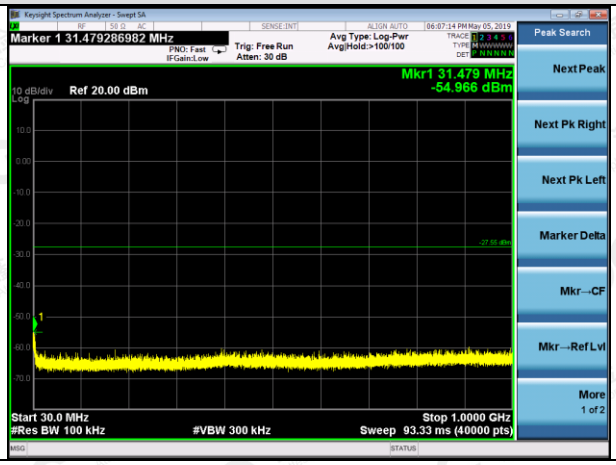
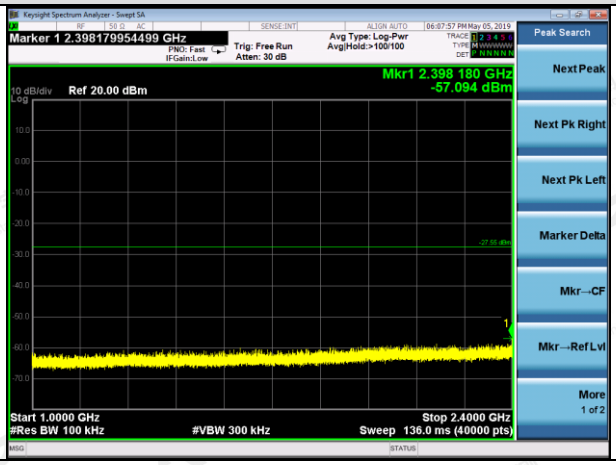
11B-HCH

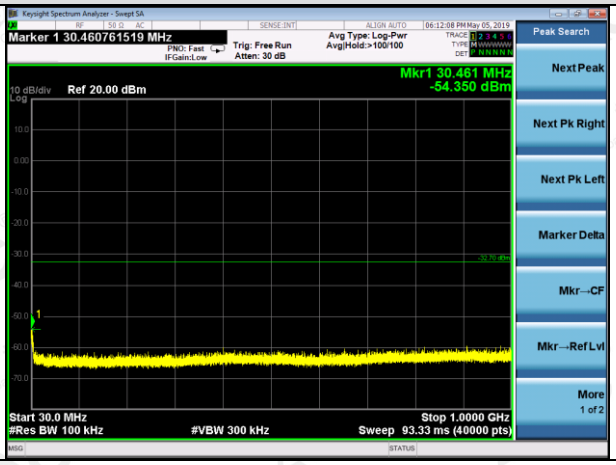


11B-HCH

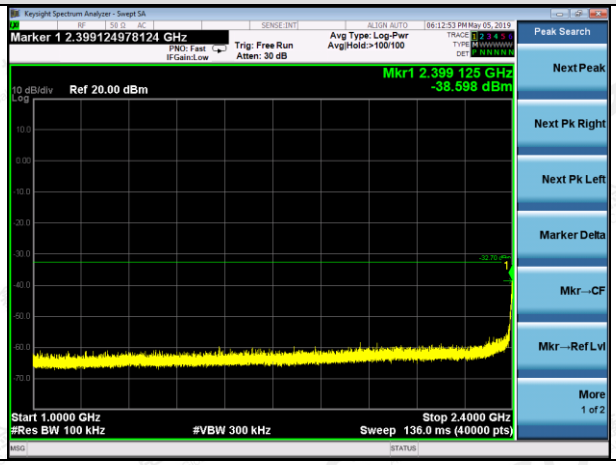


11B-HCH

11G-LCH



11G-LCH



11G-LCH

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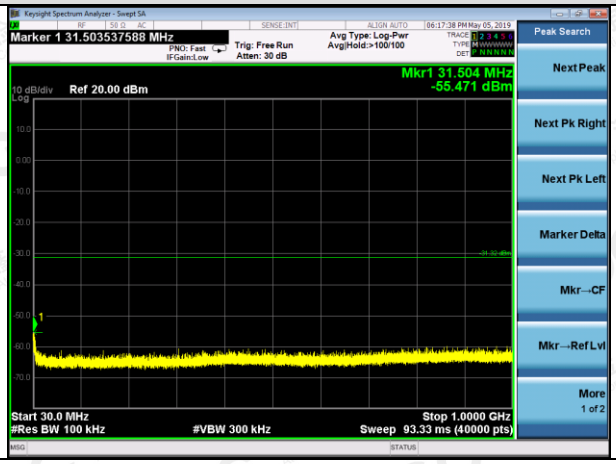
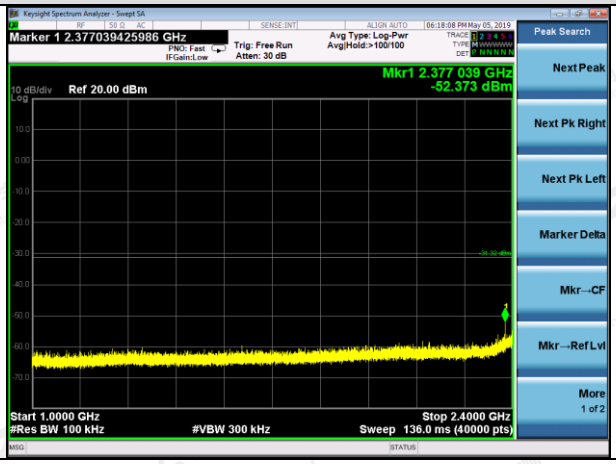
11G-MCH

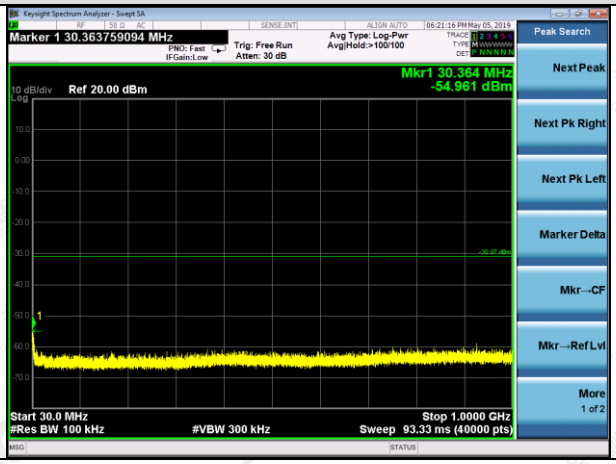


11G-MCH

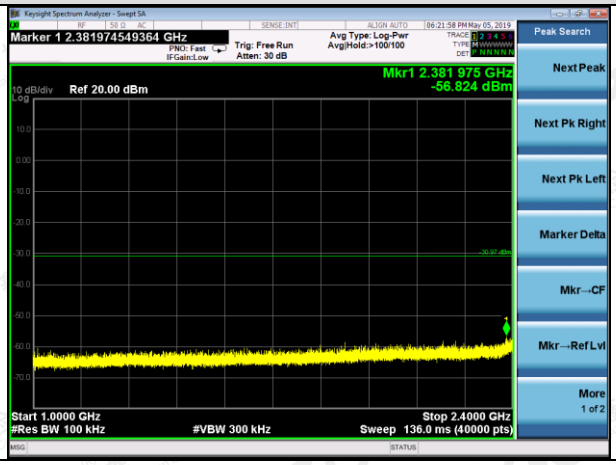


11G-MCH

11G-CH



11G-HCH



11G-HCH

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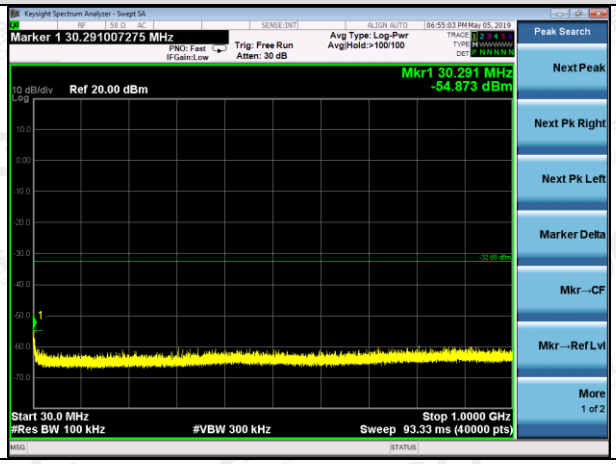
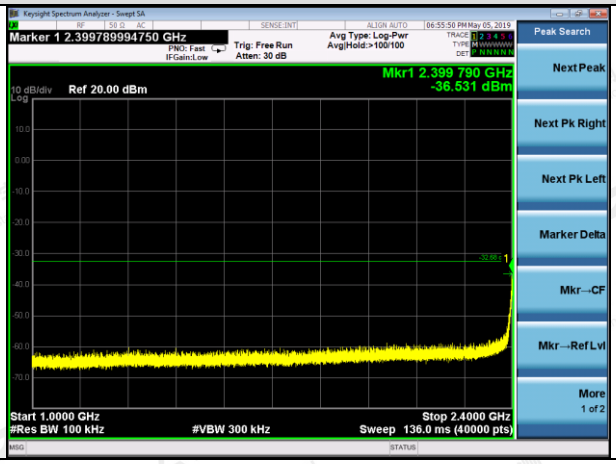
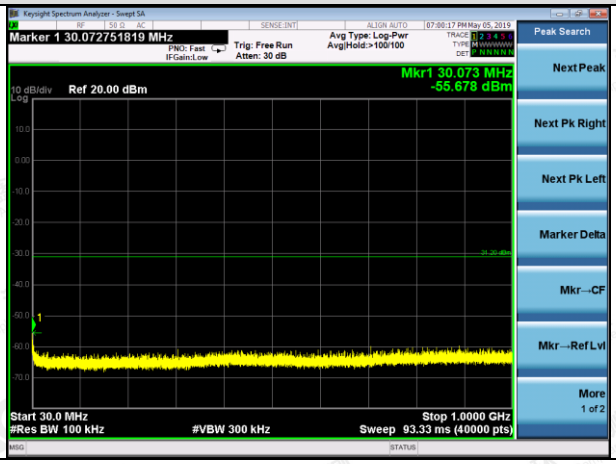
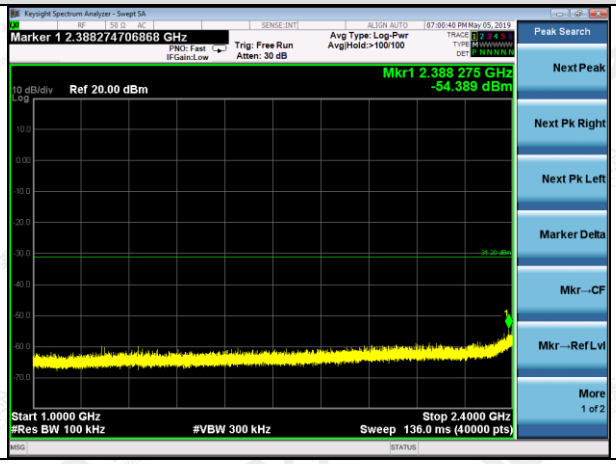
11nHT20-LCH	11nHT20-LCH
	

11nHT20-LCH	11nHT20-MCH
	

11nHT20-MCH	11nHT20-MCH
	

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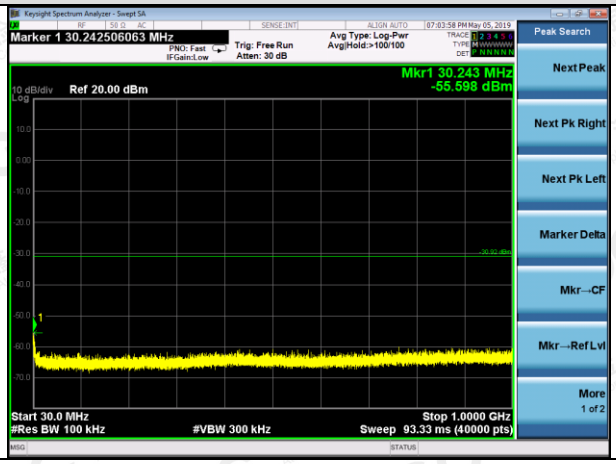
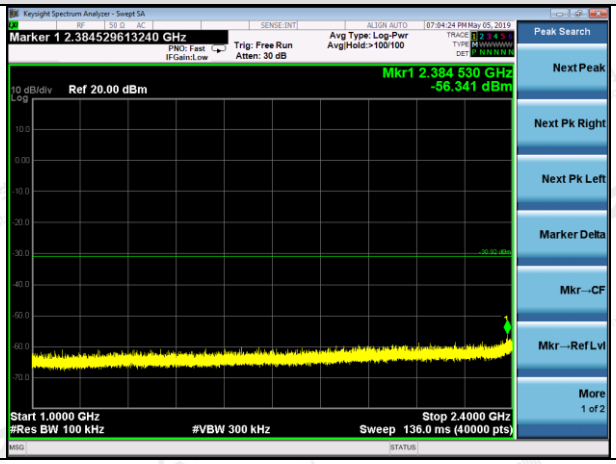
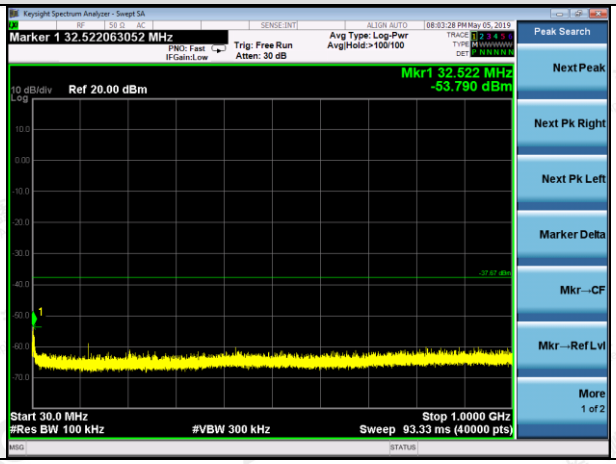
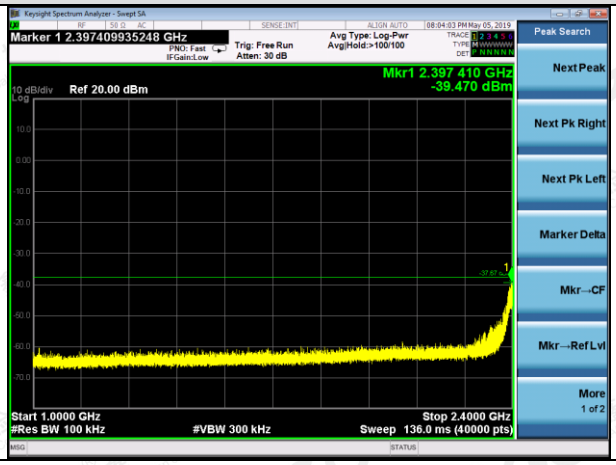
11nHT20-HCH	11nHT20-HCH
	

11nHT20-HCH	11nHT40-LCH
	

11nHT40-LCH	11nHT40-LCH
	

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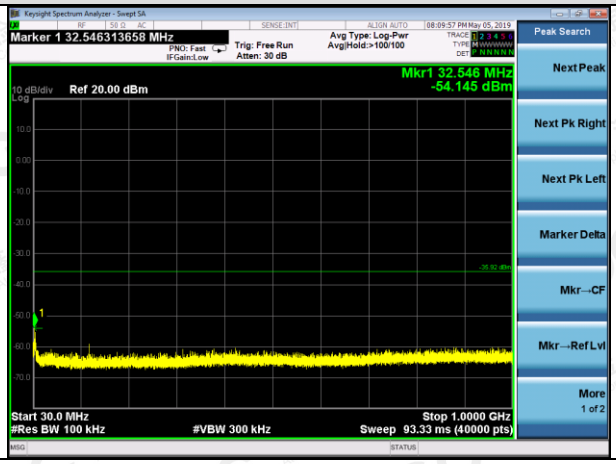
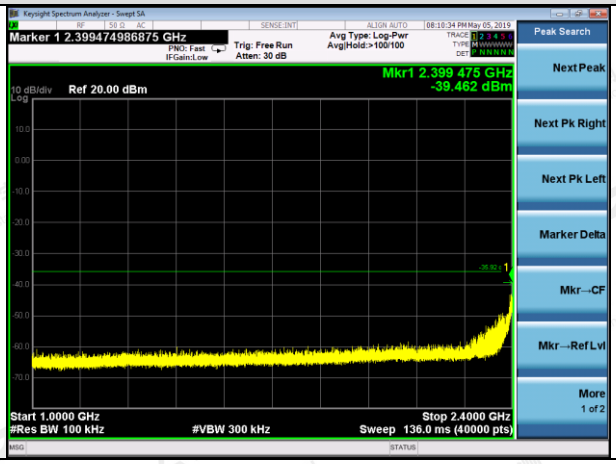
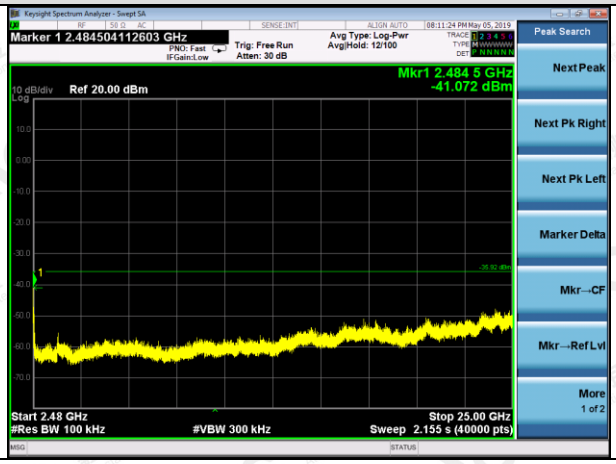
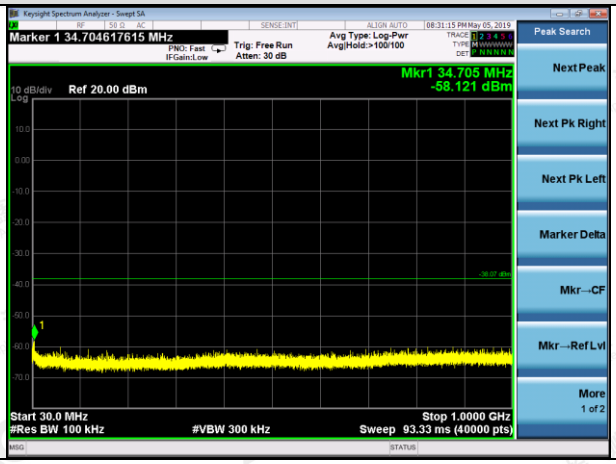
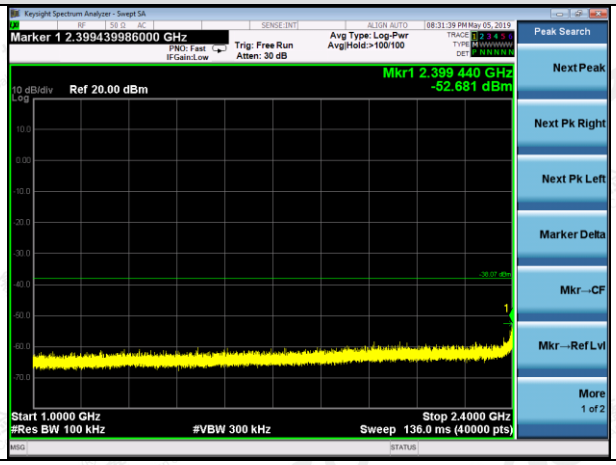
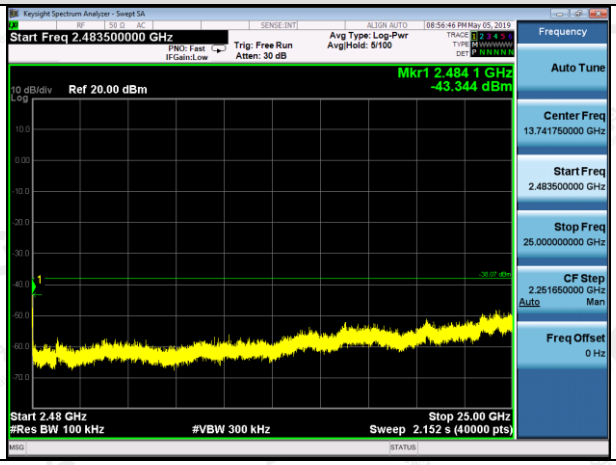
11nHT40-MCH	11nHT40-MCH
	

11nHT40-MCH	11nHT40-HCH
	

11nHT40-HCH	11nHT40-HCH
	

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10. MAXIMUM CONDUCTED OUTPUT POWER SPECTRAL DENSITY

10.1 MEASUREMENT PROCEDURE

(1). Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
(2). Set the EUT Work on the top, the middle and the bottom operation frequency individually.
(3). Set SPA Trace 1 Max hold, then View.

Note: The method of AVGPSD-1 in the ANSI C63.10 (2013) item 11.10 was used in this testing.

10.2 TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

Refer To Section 8.2.

10.3 MEASUREMENT EQUIPMENT USED

Refer To Section 6.

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10.4 LIMITS AND MEASUREMENT RESULT

Mode	Channel	PSD [dBm/20kHz]	Limit[dBm/3kHz]	Verdict
11b	LCH	-1.617	8	PASS
	MCH	-3.191	8	PASS
	HCH	-2.807	8	PASS
11g	LCH	-7.383	8	PASS
	MCH	-5.184	8	PASS
	HCH	-6.487	8	PASS
11nHT20	LCH	-7.756	8	PASS
	MCH	-6.179	8	PASS
	HCH	-6.401	8	PASS
11NHT40	LCH	-11.708	8	PASS
	MCH	-9.989	8	PASS
	HCH	-11.904	8	PASS

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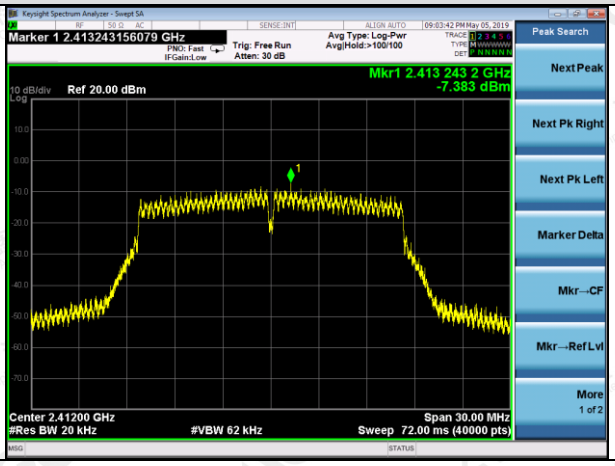
Test Graph

11b-LCH

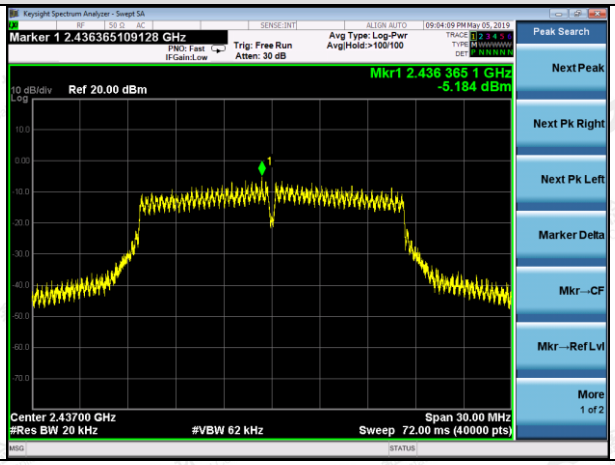
11b-MCH

11b-HCH

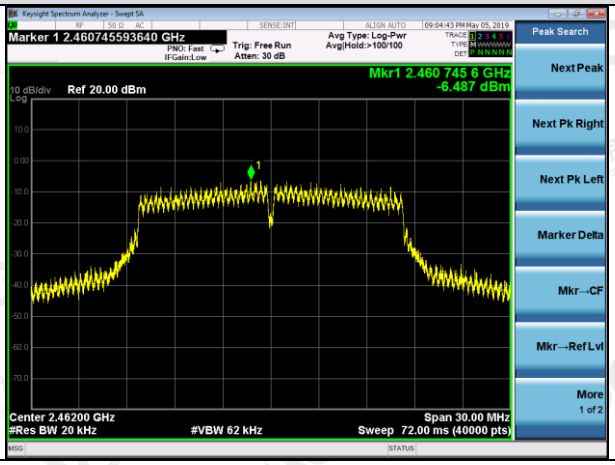
11g-LCH



11g-MCH



11g-HCH



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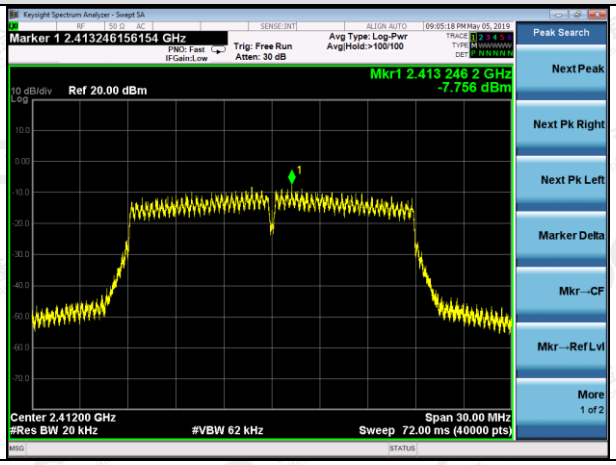
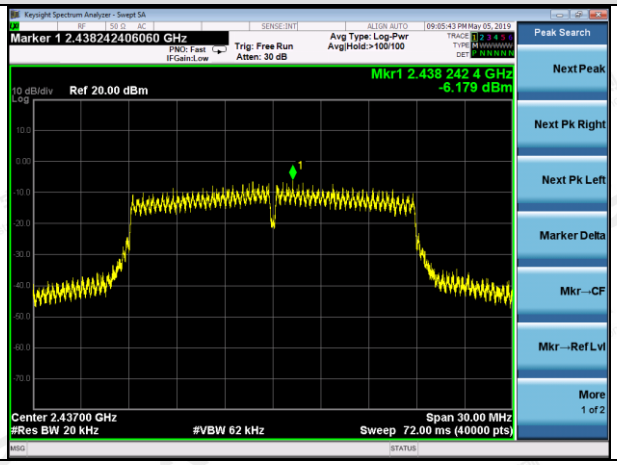
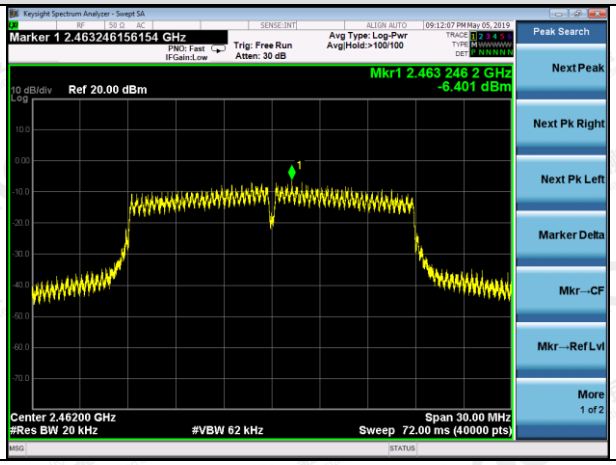
11nHT20-LCH



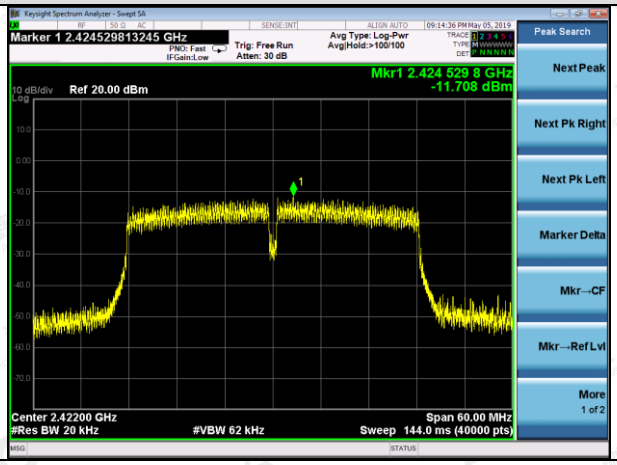
11nHT20-MCH



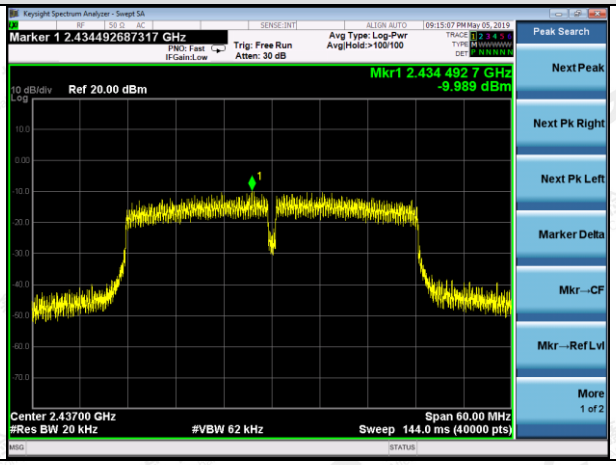
11nHT20-HCH



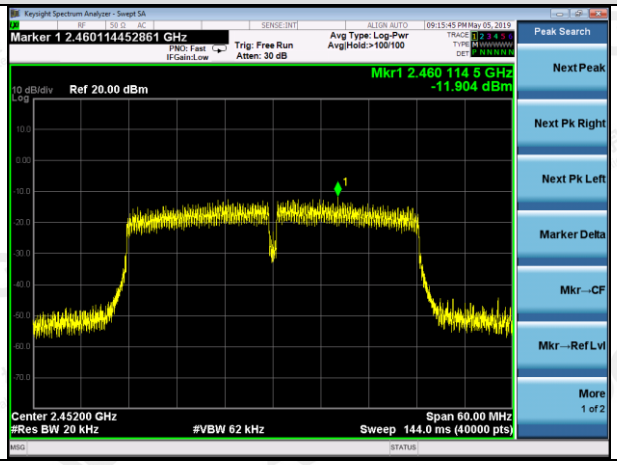
11nHT40-LCH



11nHT40-MCH



11nHT40-HCH



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