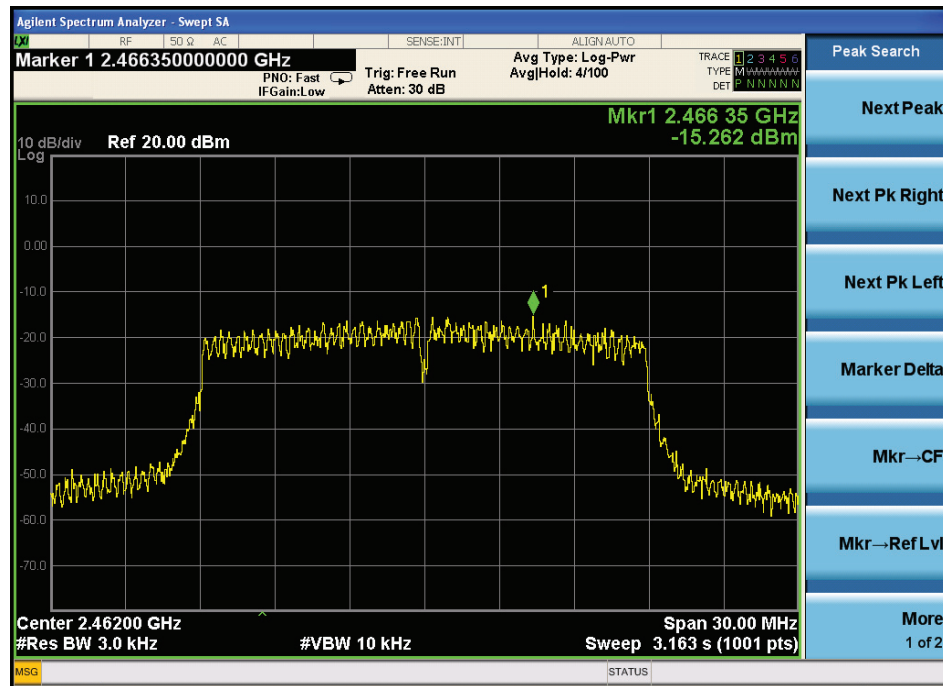
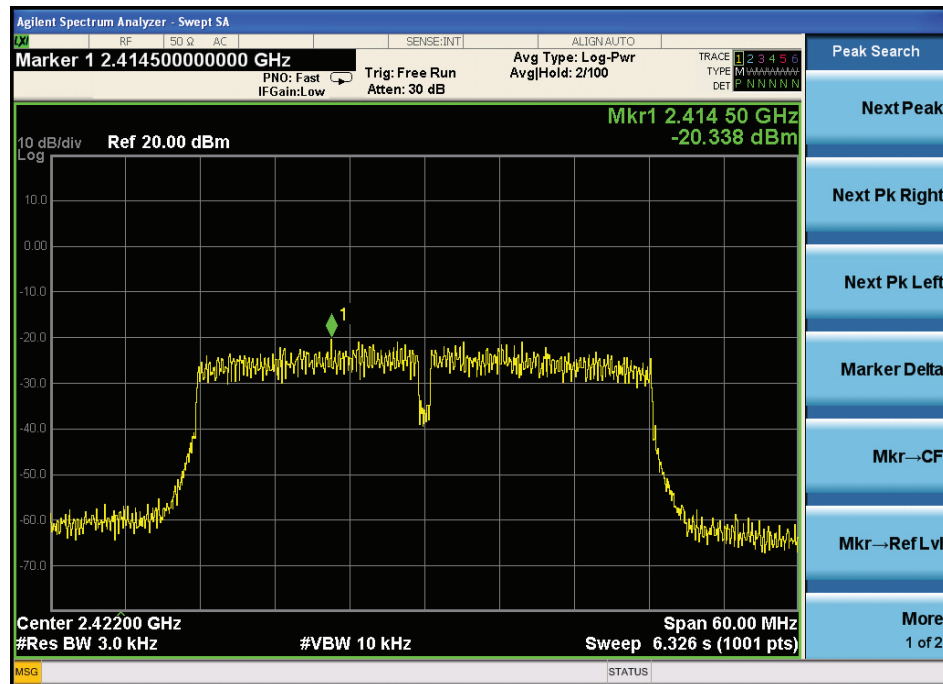


CH Hig:

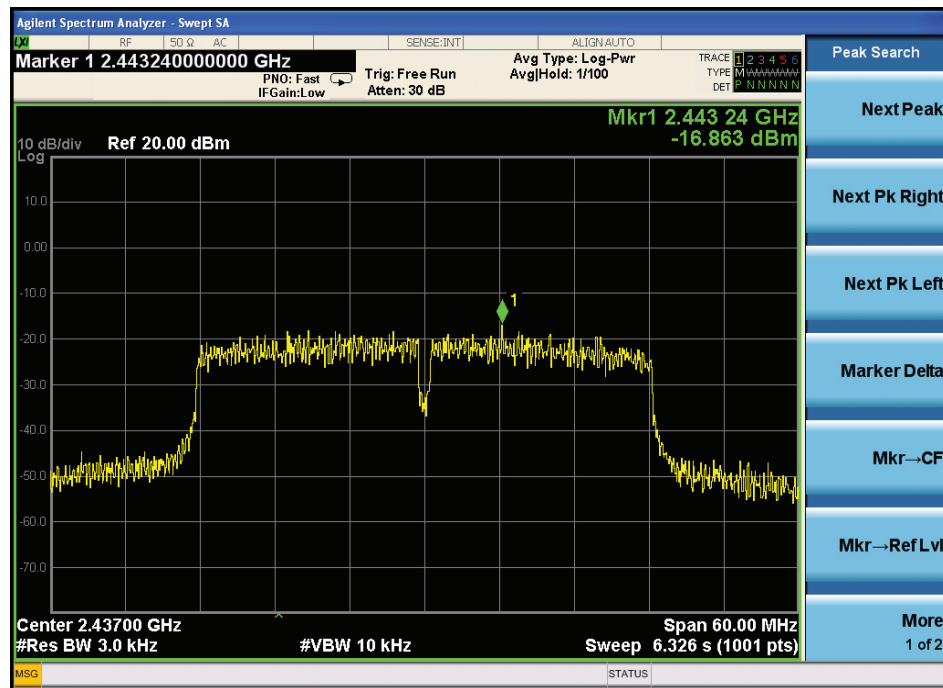


IEEE 802.11n HT40 :

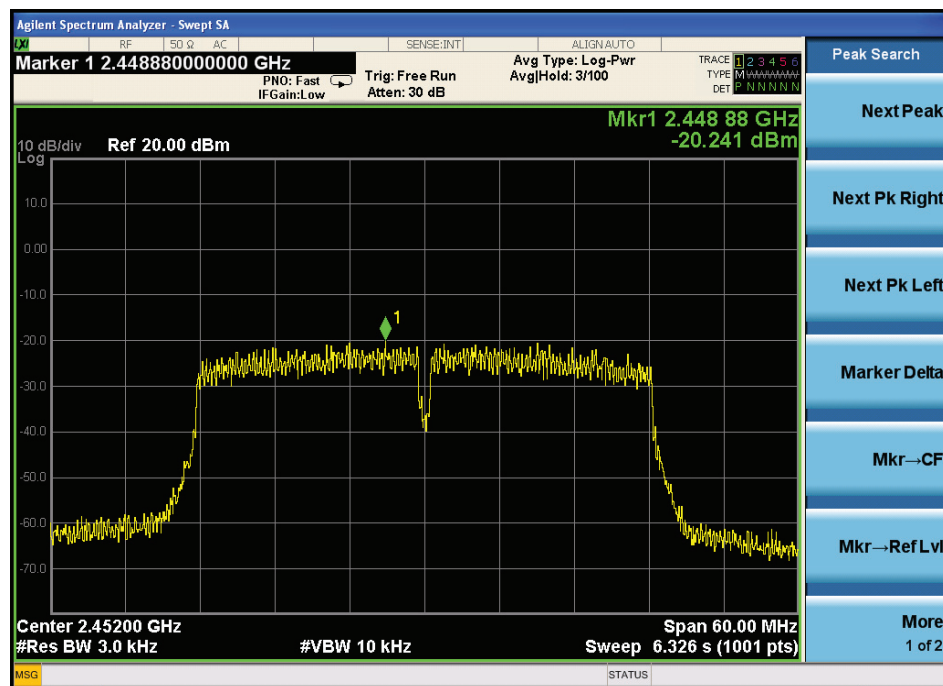
CH Low :



CH Mid:



CH Hig:



9 Bandwidth

9.1 Test limit

Please refer section RSS-247 & 15.247

For direct sequence systems, the minimum 6dB bandwidth shall be at least 500 kHz.

9.2 Method of measurement

Details see the KDB558074 D01 Meas Guidance

- a) The bandwidth is measured at an amplitude level reduced 20dB from the reference level. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst-case (i.e. the widest) bandwidth.
- b) The test receiver set RBW = 100KHz, VBW $\geq$ 300KHz, Sweep time set auto, PEAK Detector, detail see the test plot.

9.3 Test Setup



9.4 Test Results

PASS.

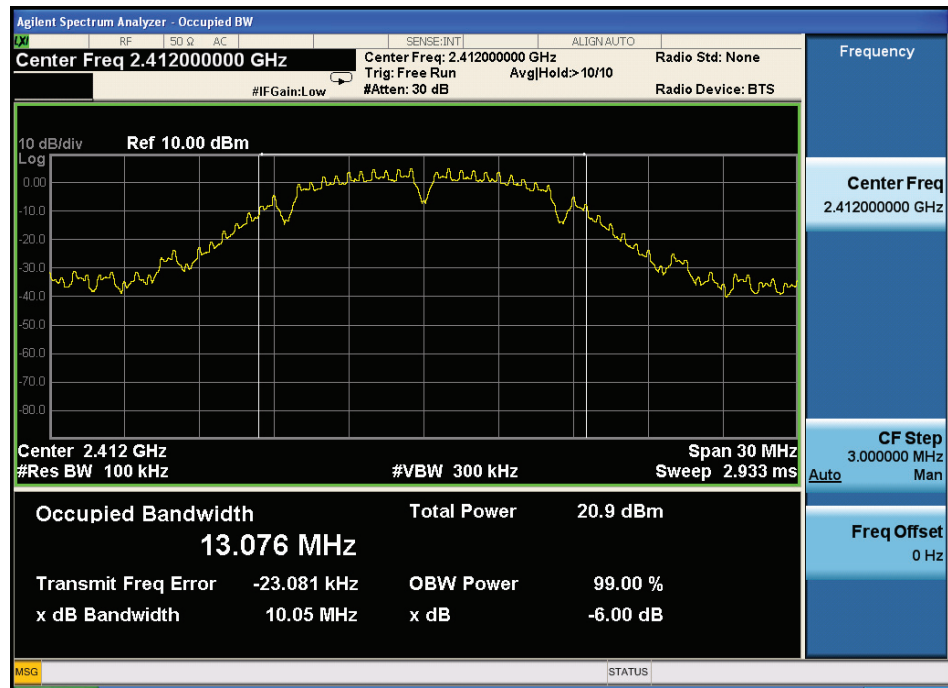
Antenna 0 and Antenna 1 port all have been tested ,
only worse case is reported

Detailed information please see the following page.

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b:					
Low	2412	10.05	/	0.5	PASS
Mid	2437	9.594	/	0.5	PASS
High	2462	9.597	/	0.5	PASS
IEEE 802.11g					
Low	2412	15.05	/	0.5	PASS
Mid	2437	15.92	/	0.5	PASS
High	2462	15.17	/	0.5	PASS
IEEE 802.11n/HT20:					
Low	2412	15.50	/	0.5	PASS
Mid	2437	14.98	/	0.5	PASS
High	2462	15.16	/	0.5	PASS
IEEE 802.11n/HT40:					
Low	2422	35.24	/	0.5	PASS
Mid	2437	35.24	/	0.5	PASS
High	2452	35.24	/	0.5	PASS

IEEE 802.11b:

CH Low :



CH Mid :

