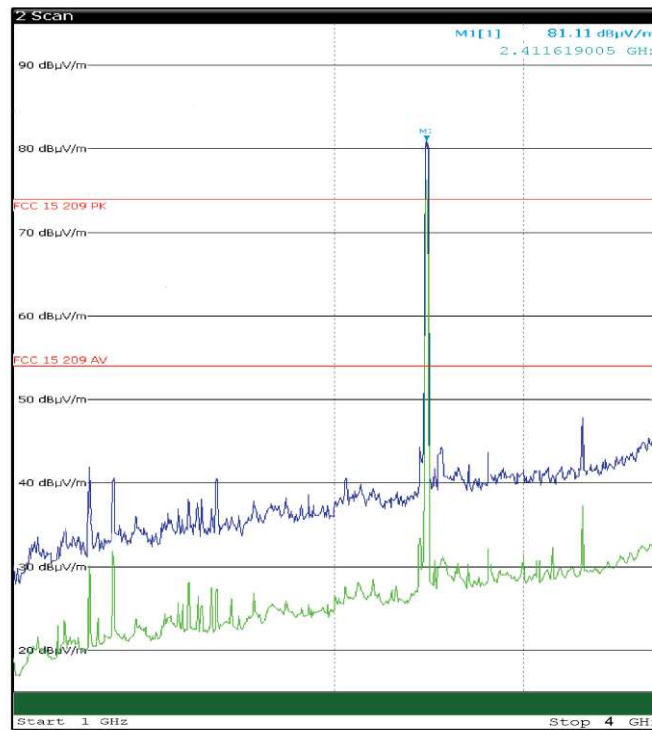
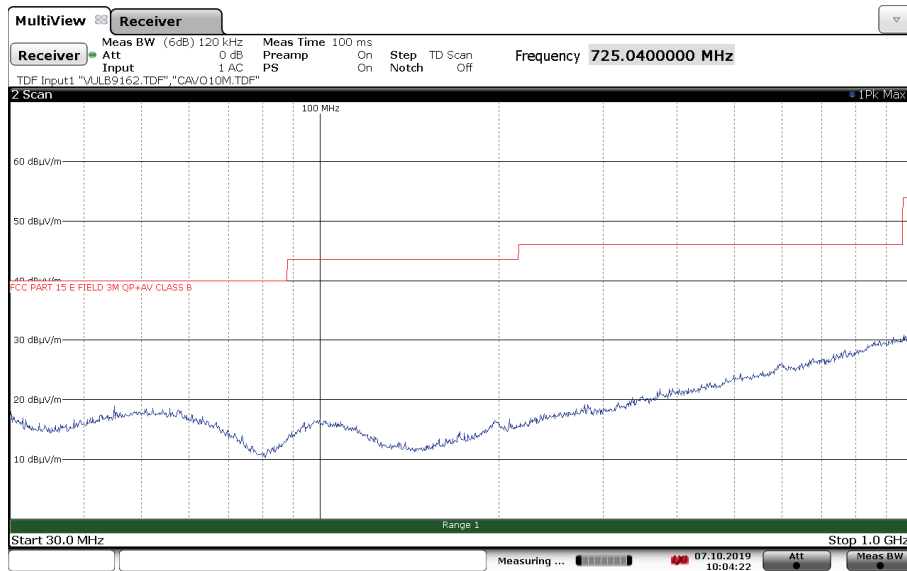
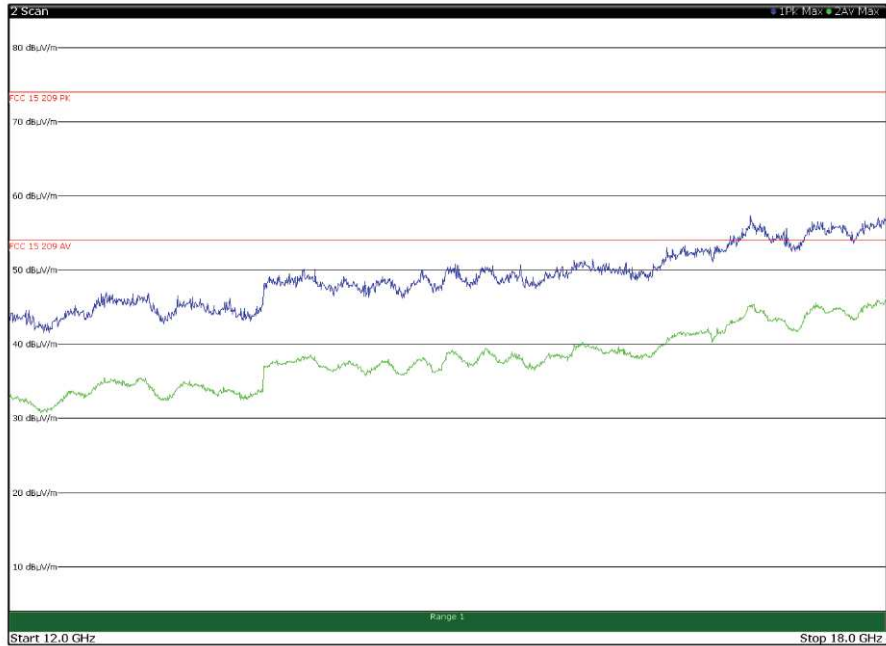
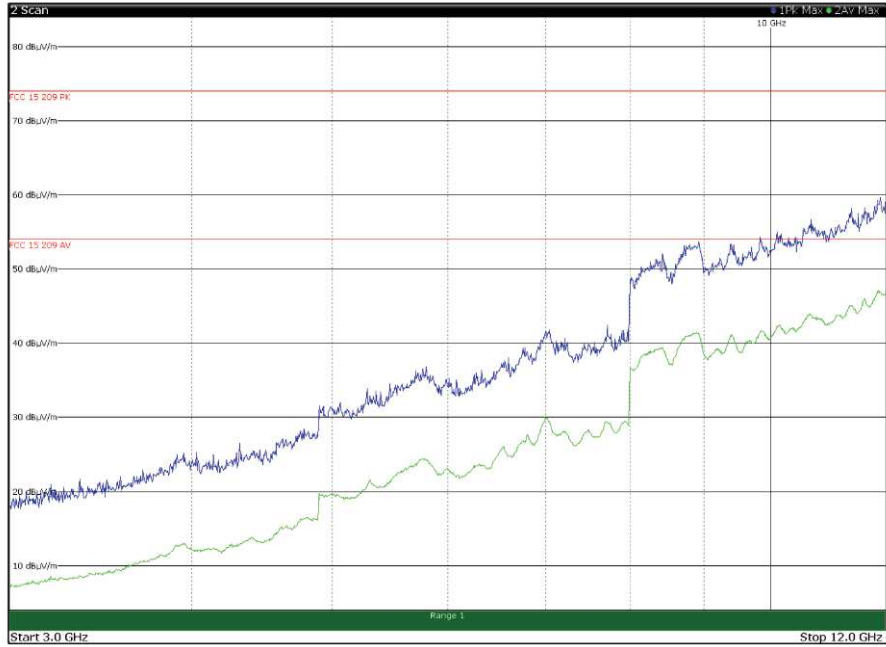
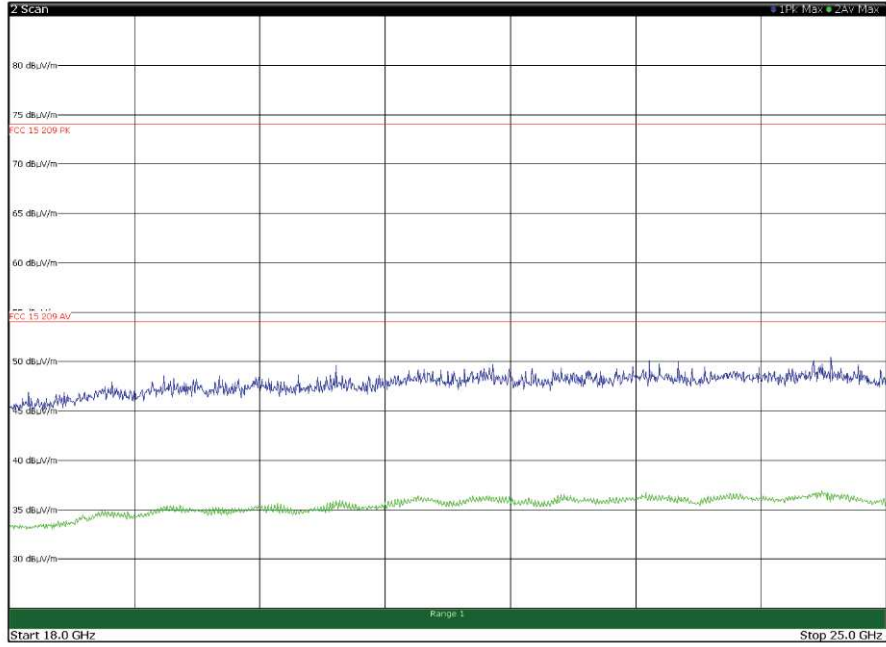


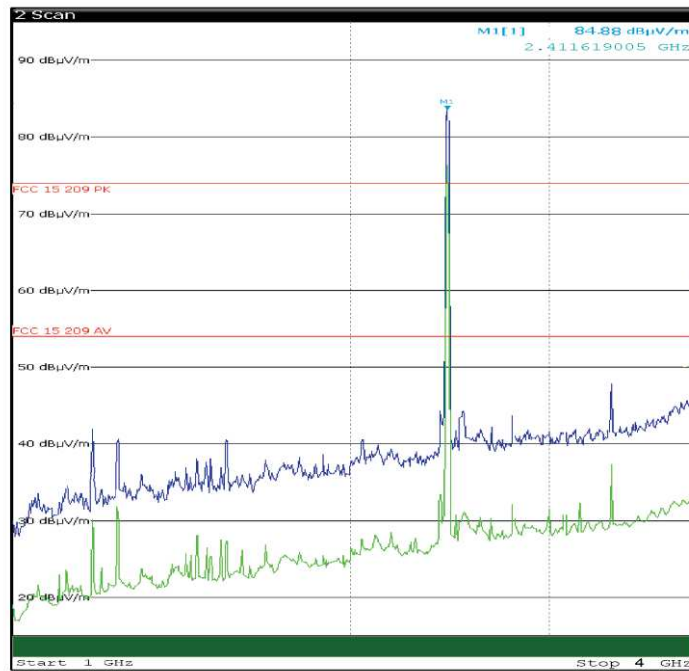
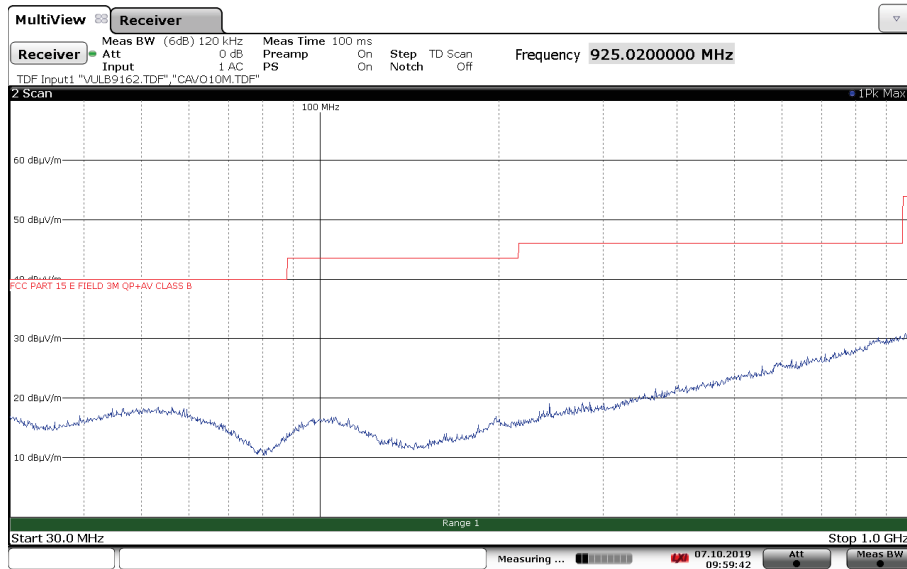
CH 1 protocol 802.11g HORIZONTAL

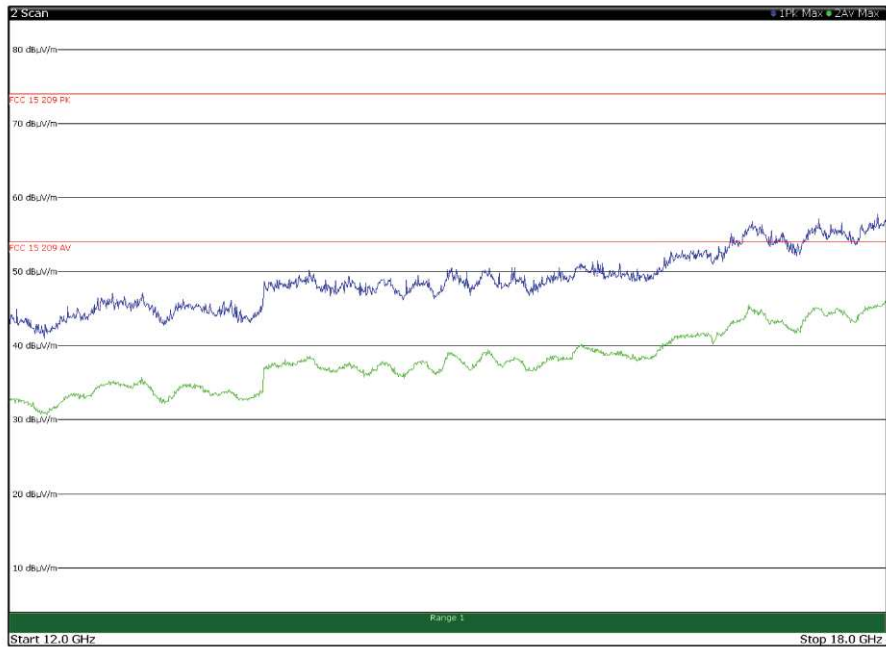
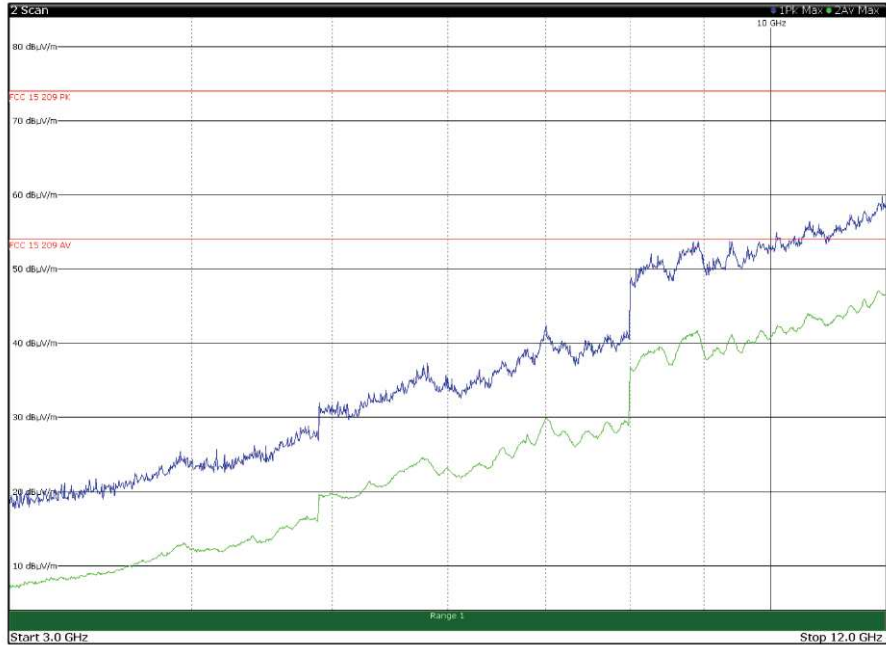


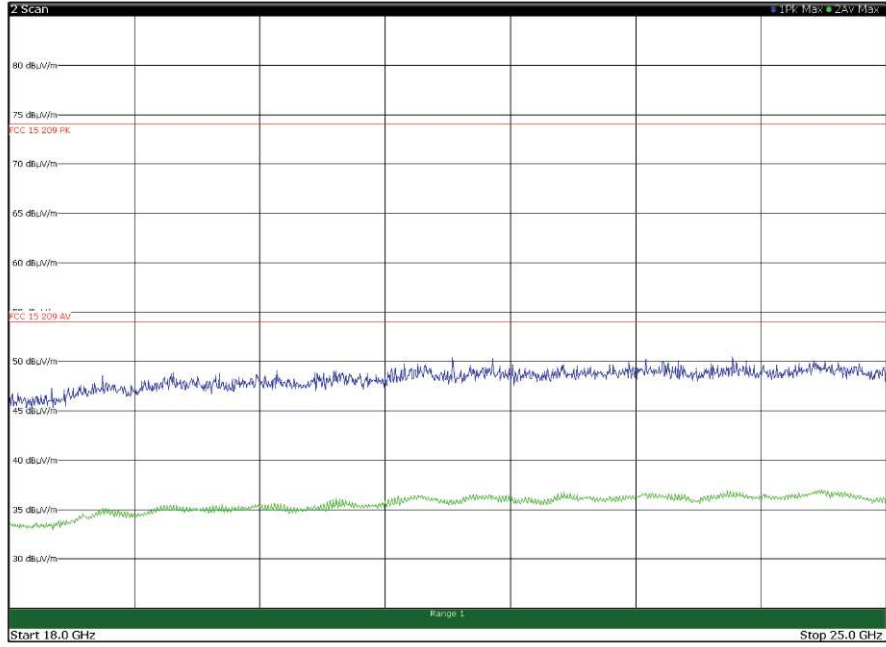




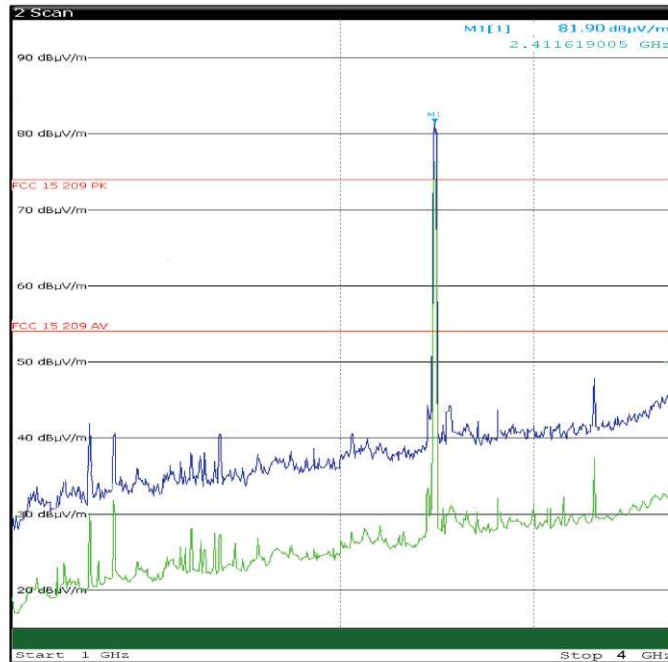
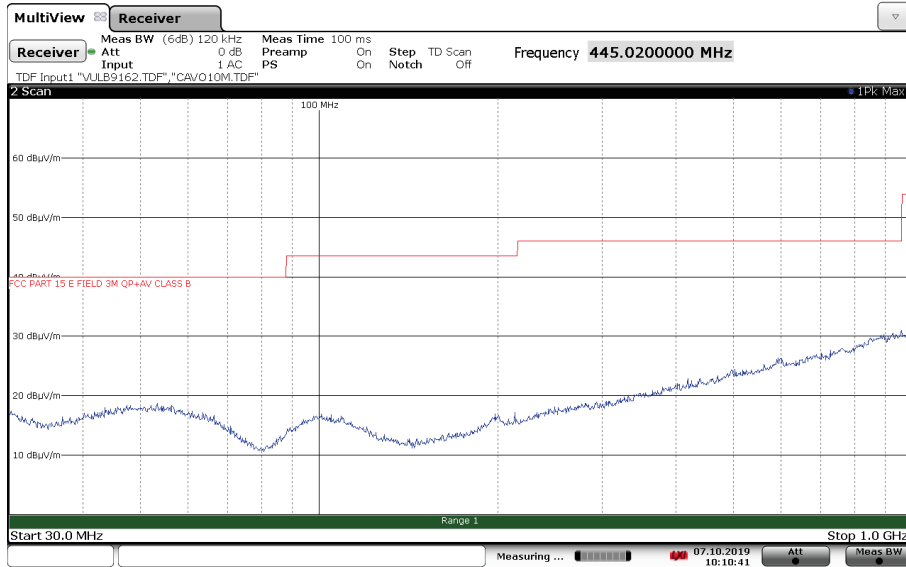
CH 1 protocol 802.11g VERTICAL

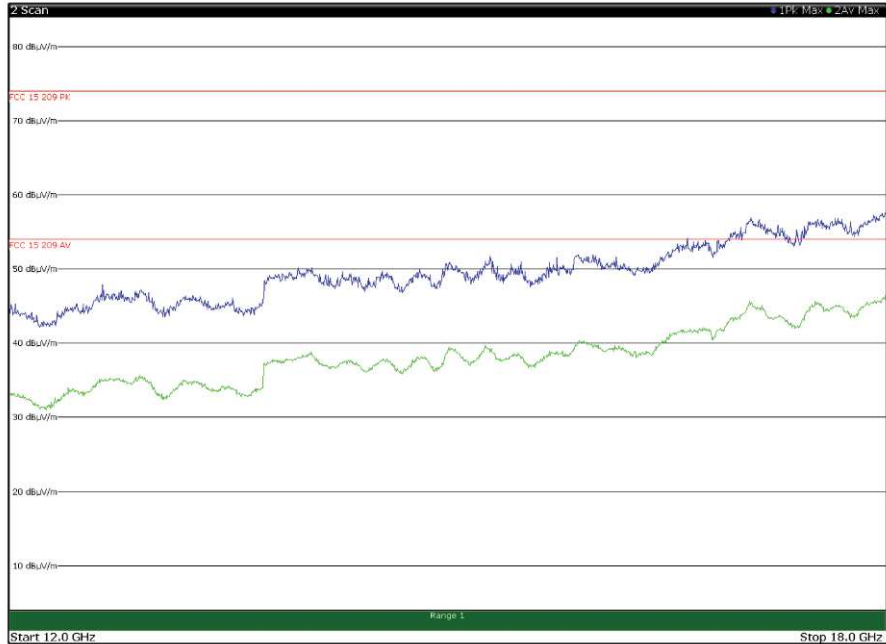
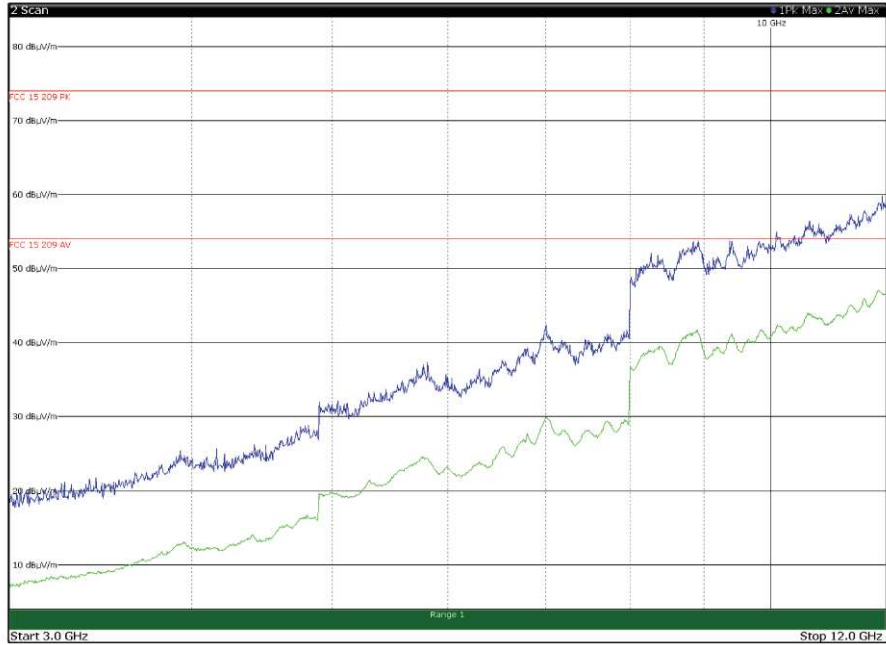


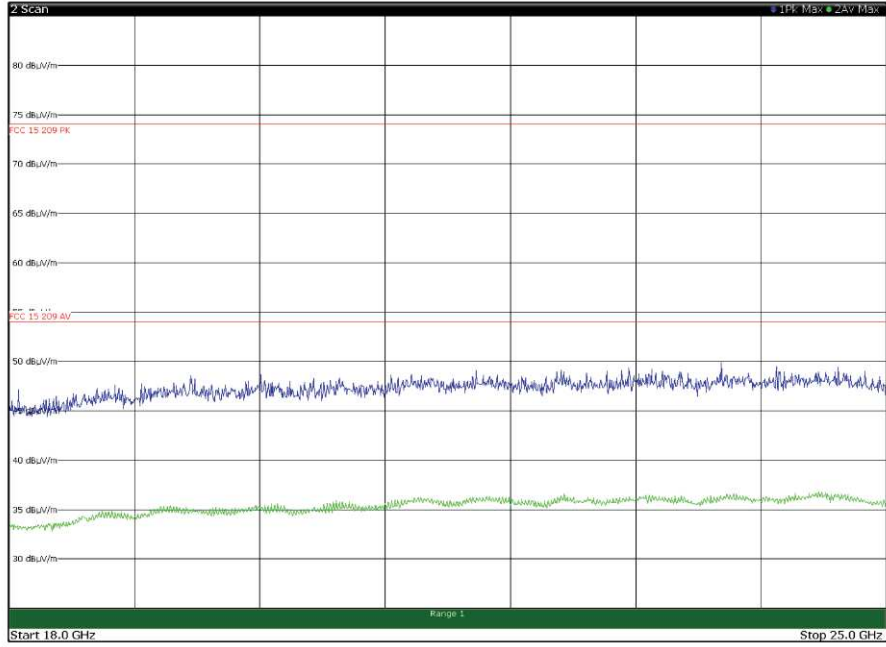




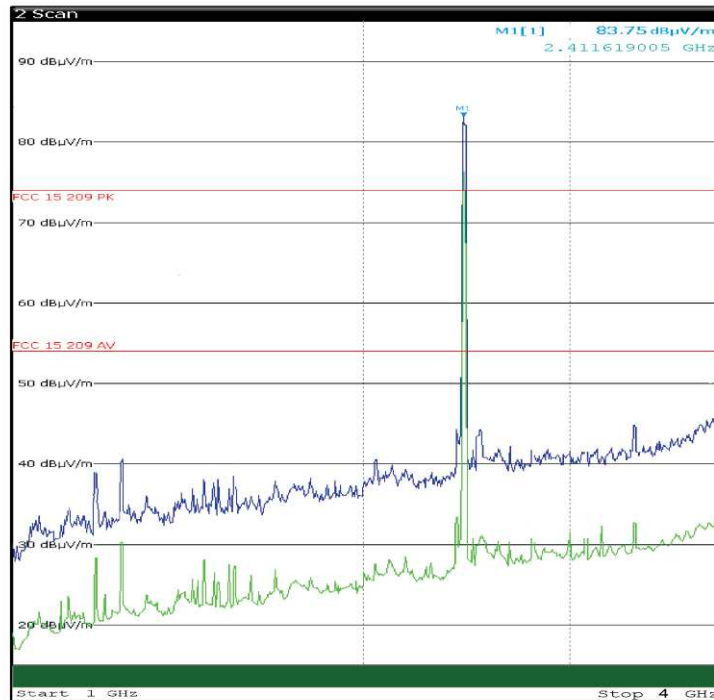
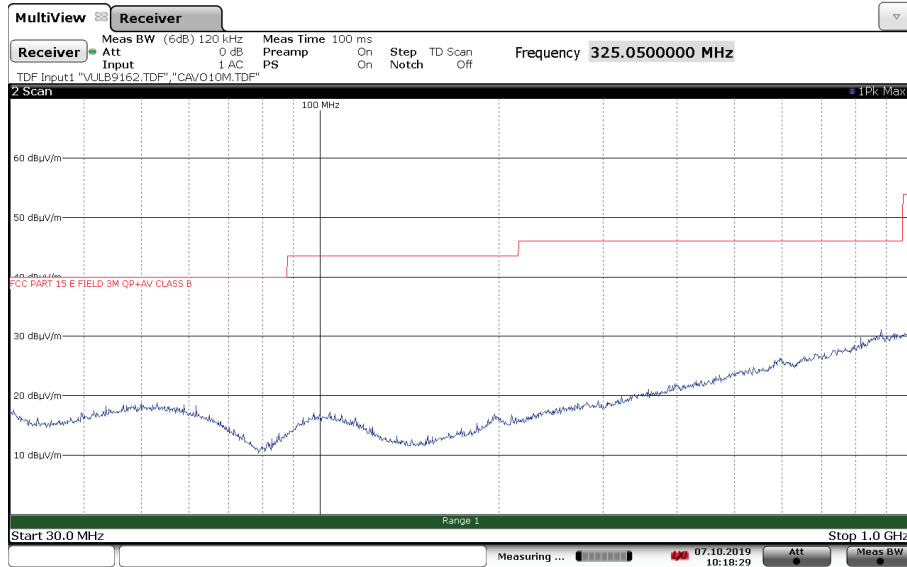
CH 1 protocol 802.11n HORIZONTAL

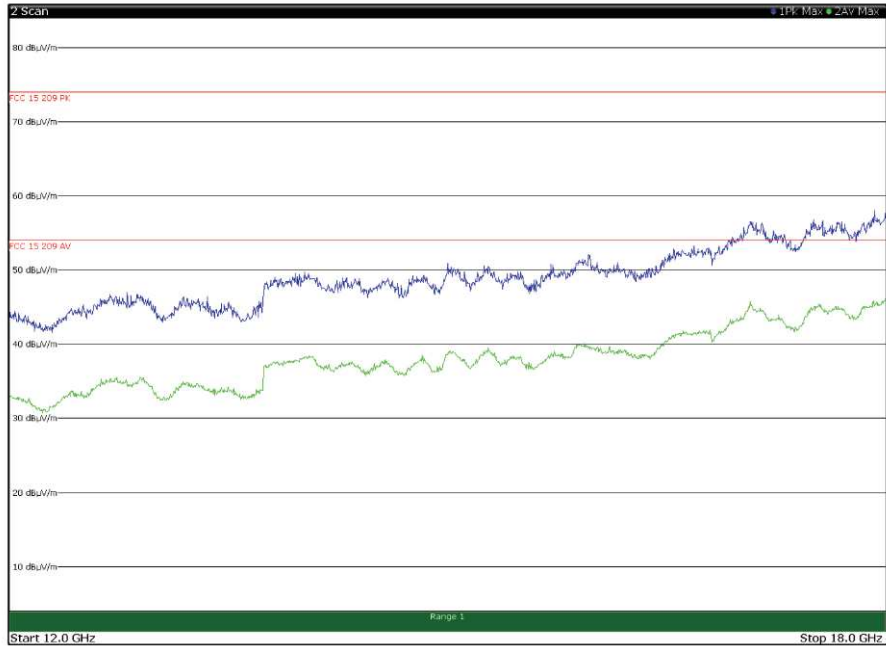
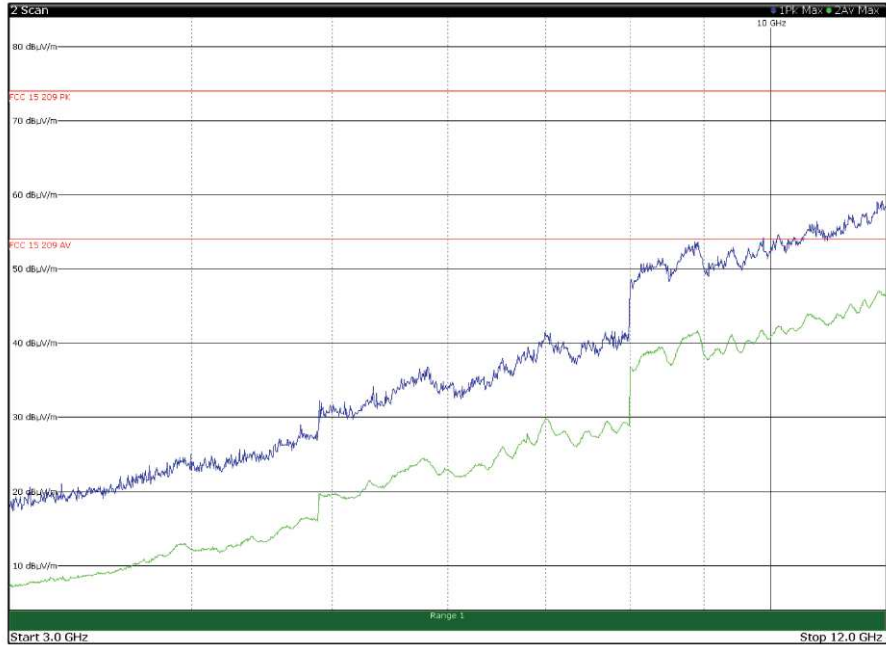


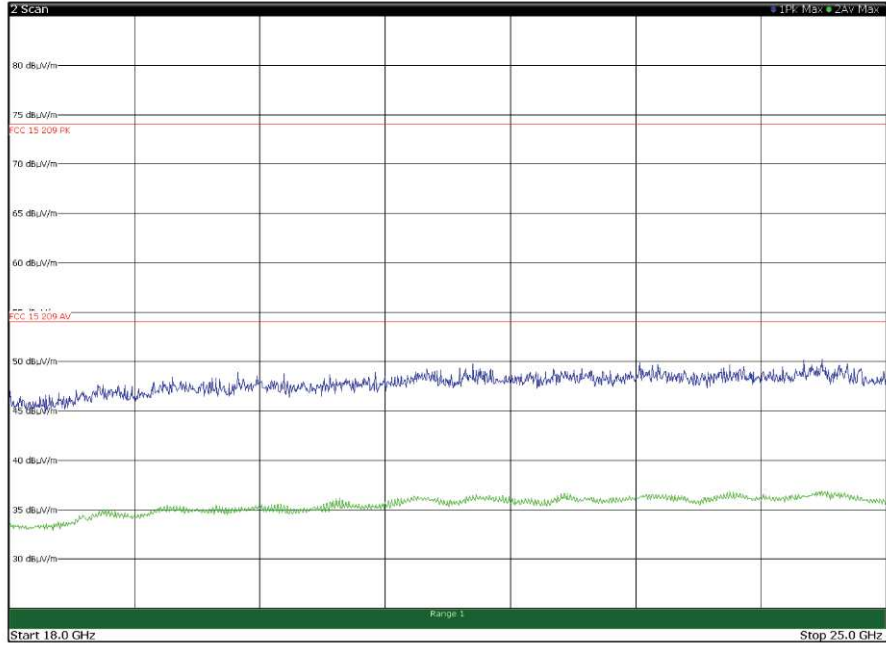




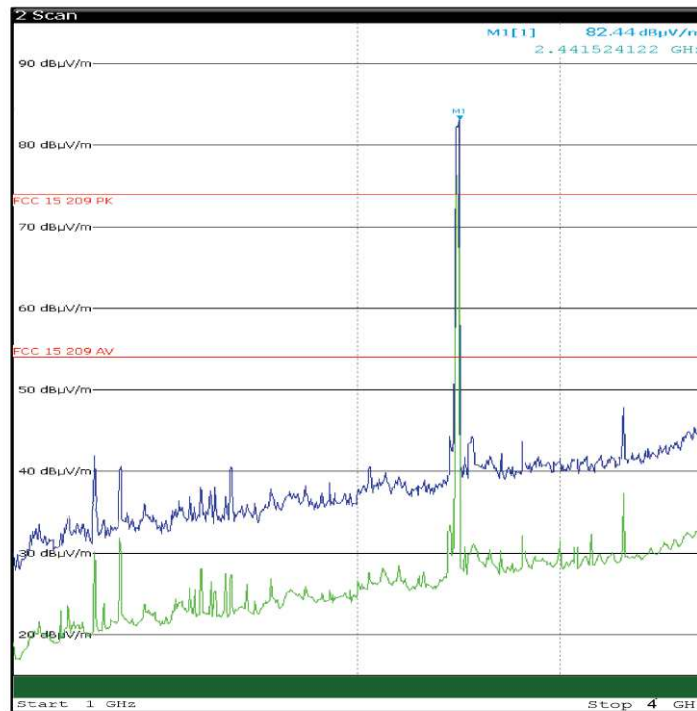
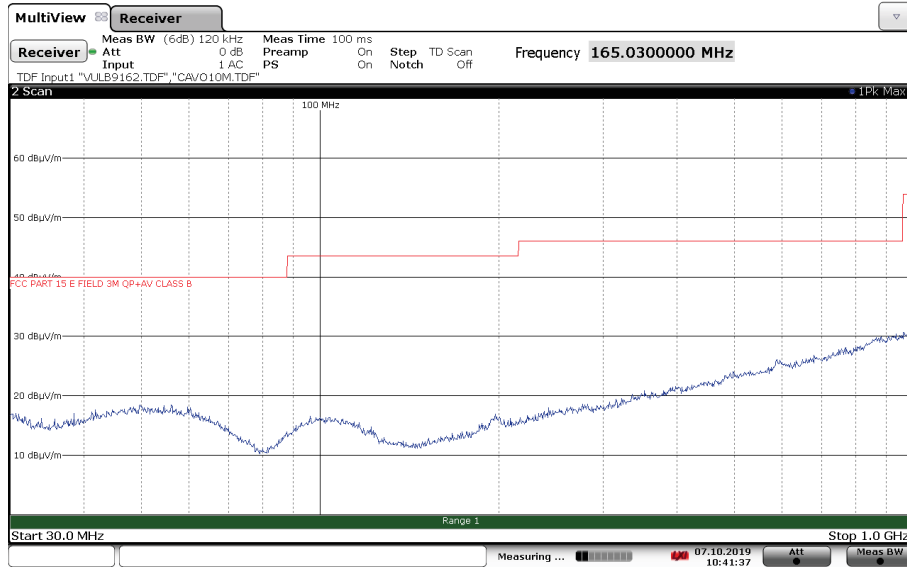
CH 1 protocol 802.11n VERTICAL

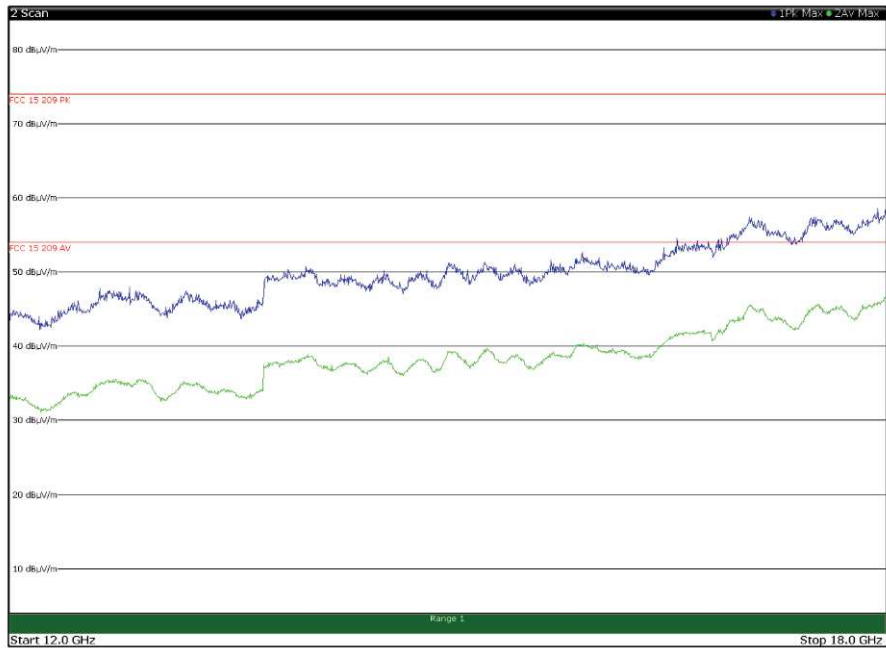
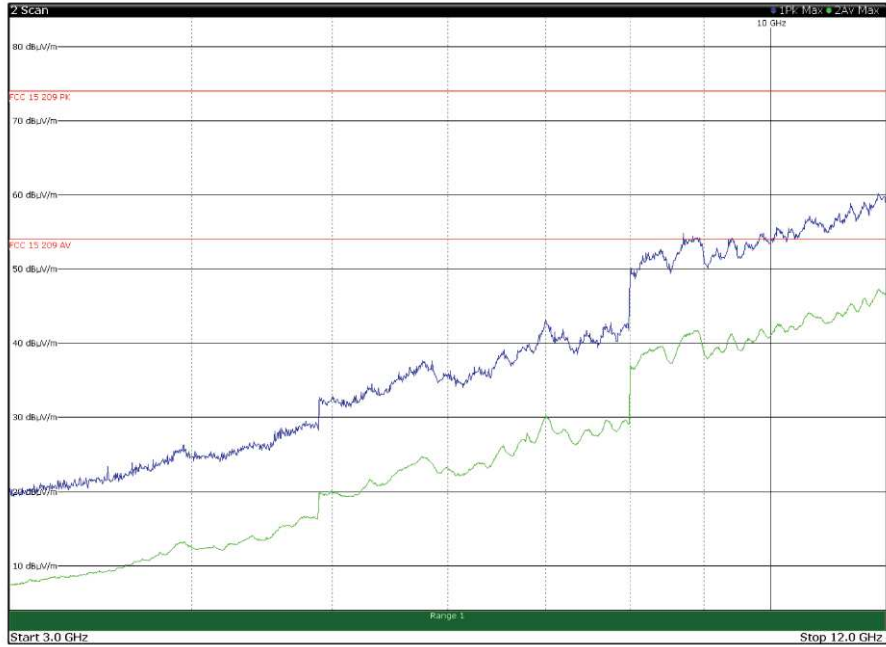


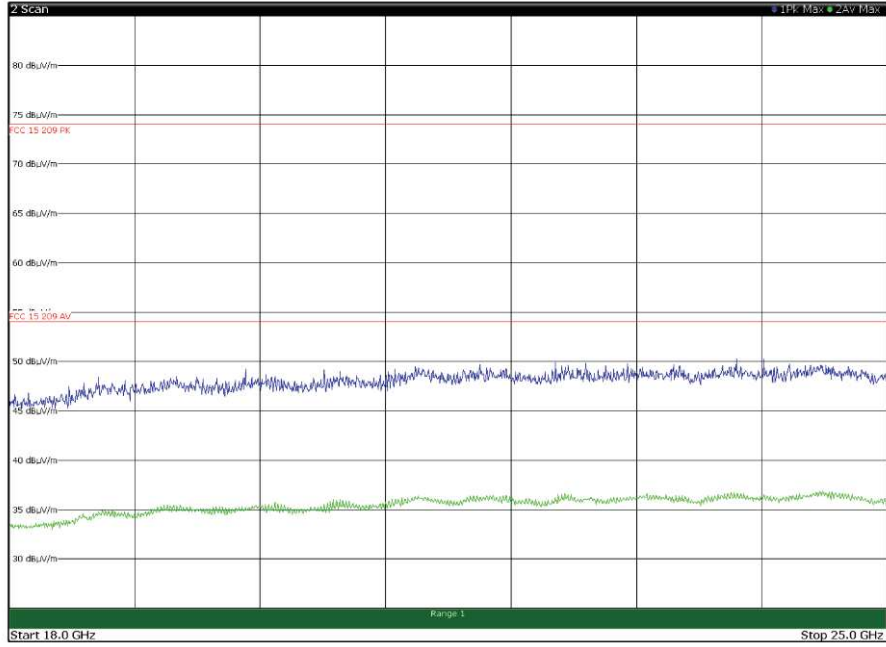




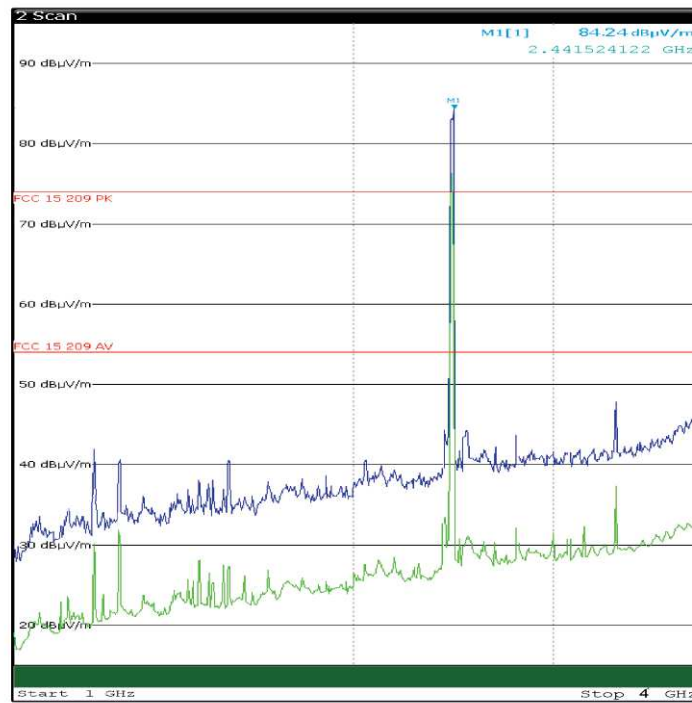
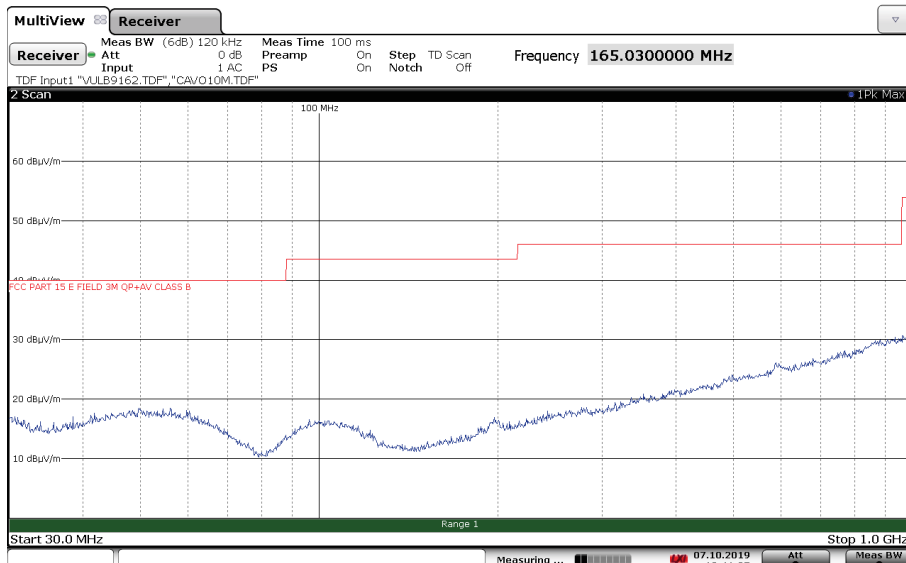
CH 6 protocol 802.11b HORIZONTAL

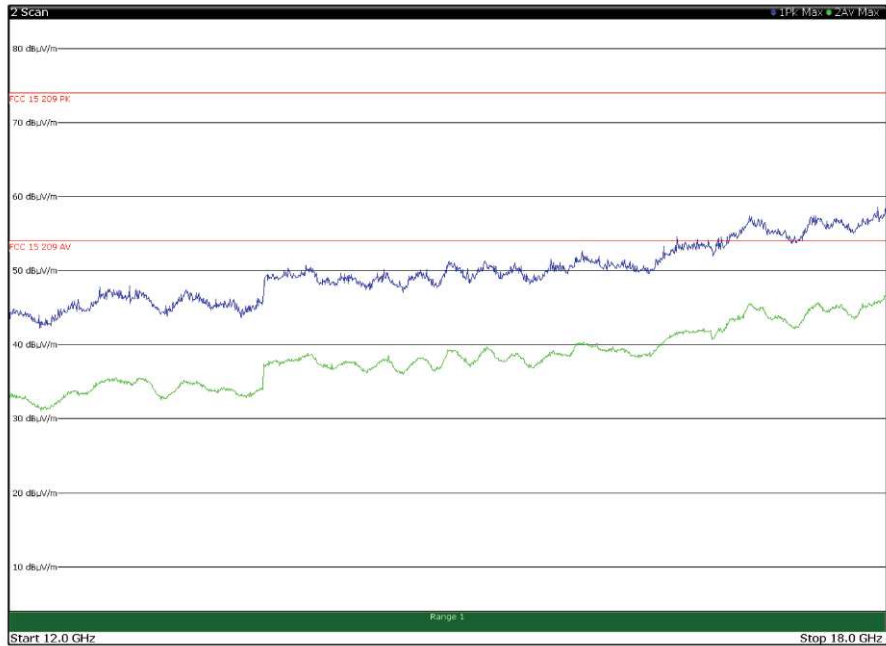
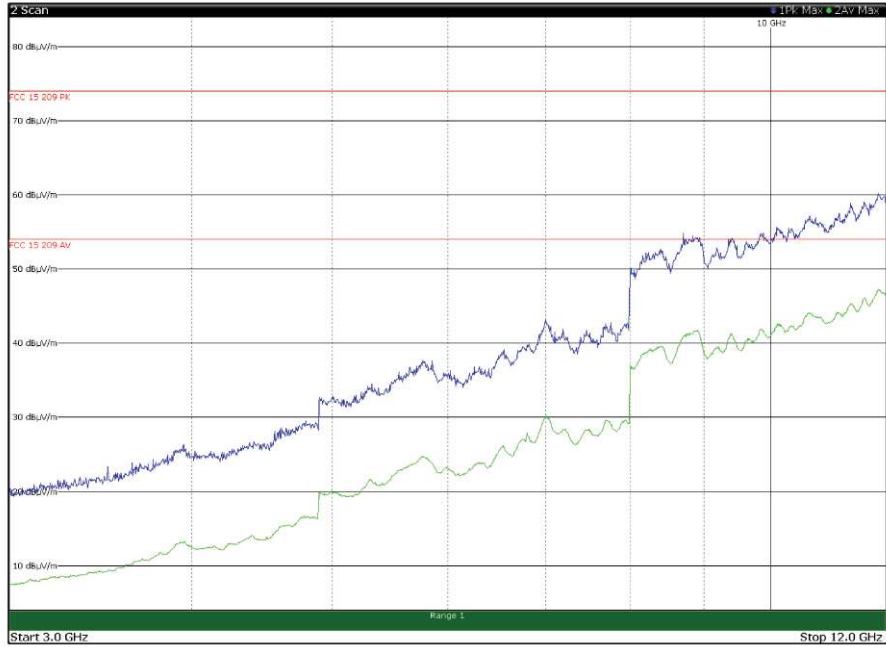


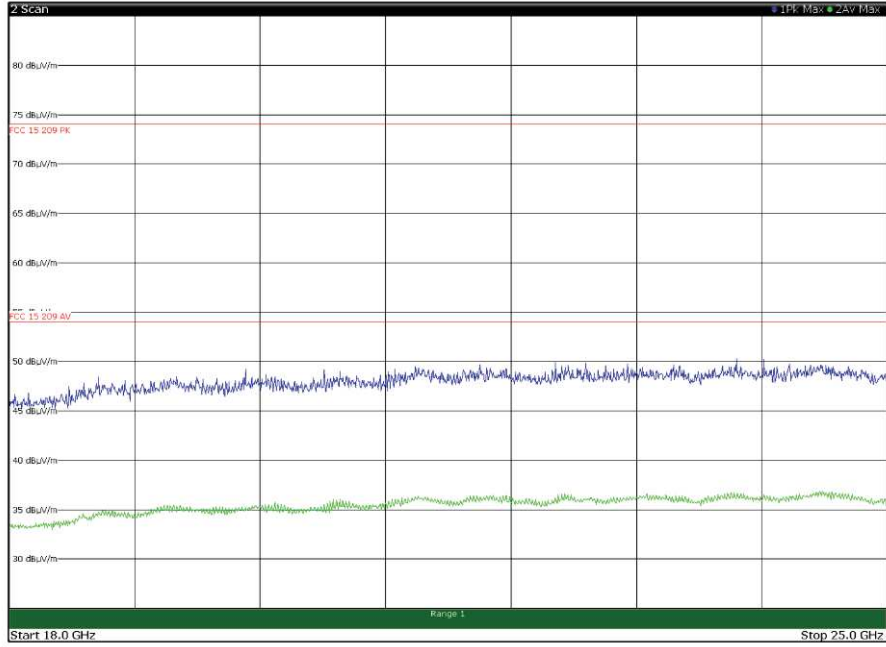




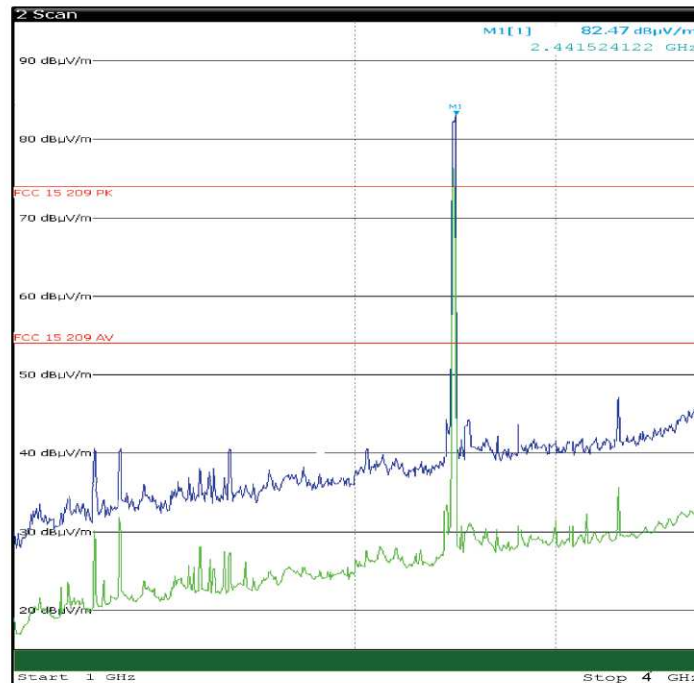
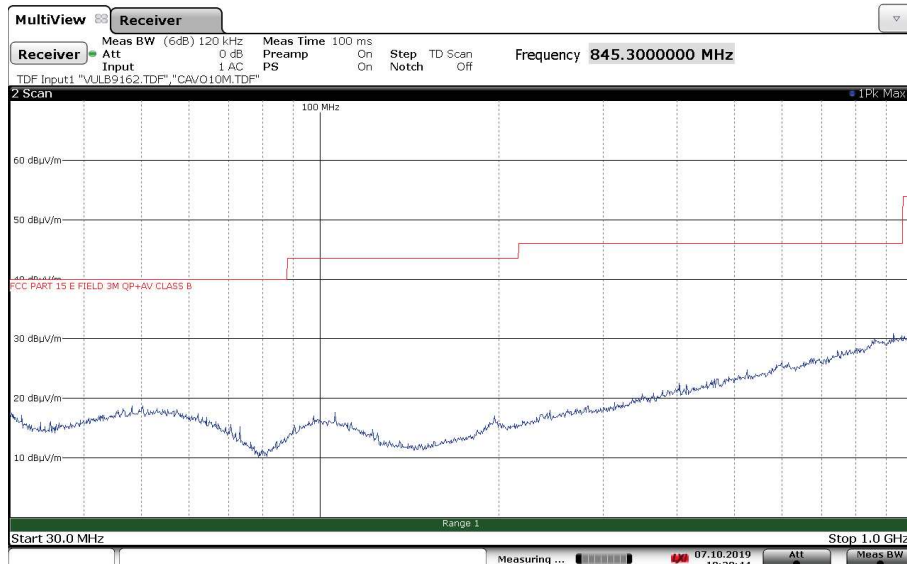
CH 6 protocol 802.11b VERTICAL

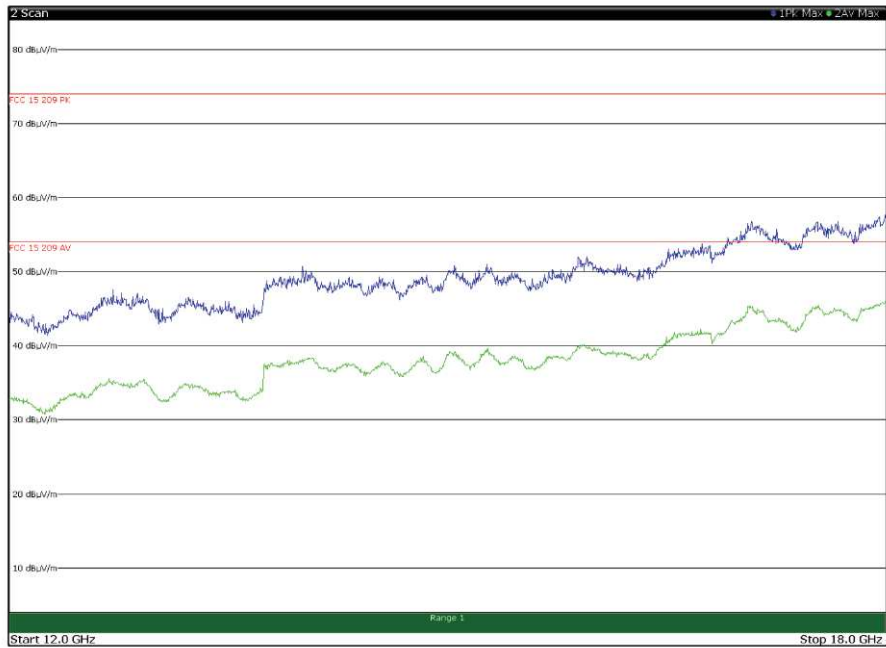
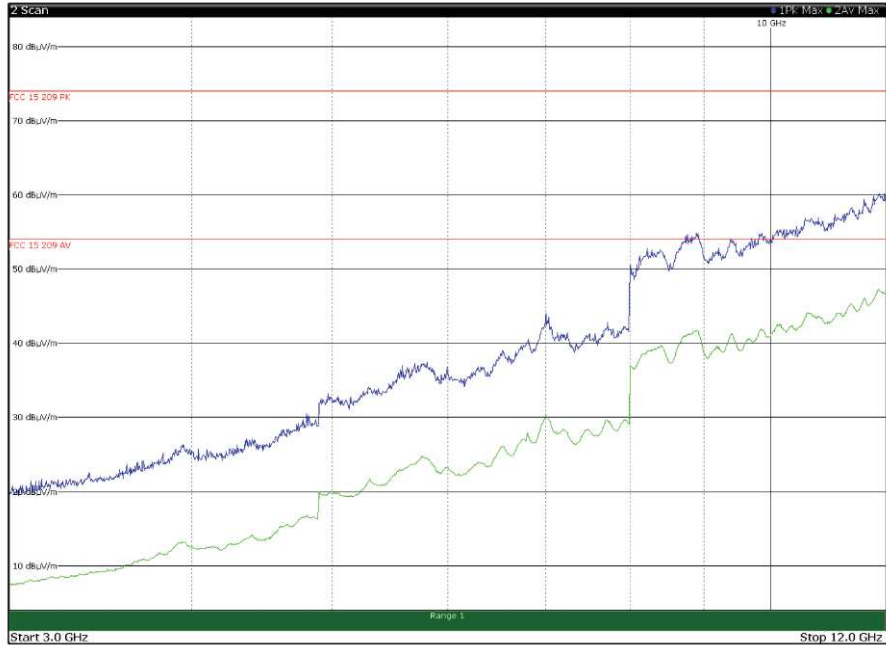


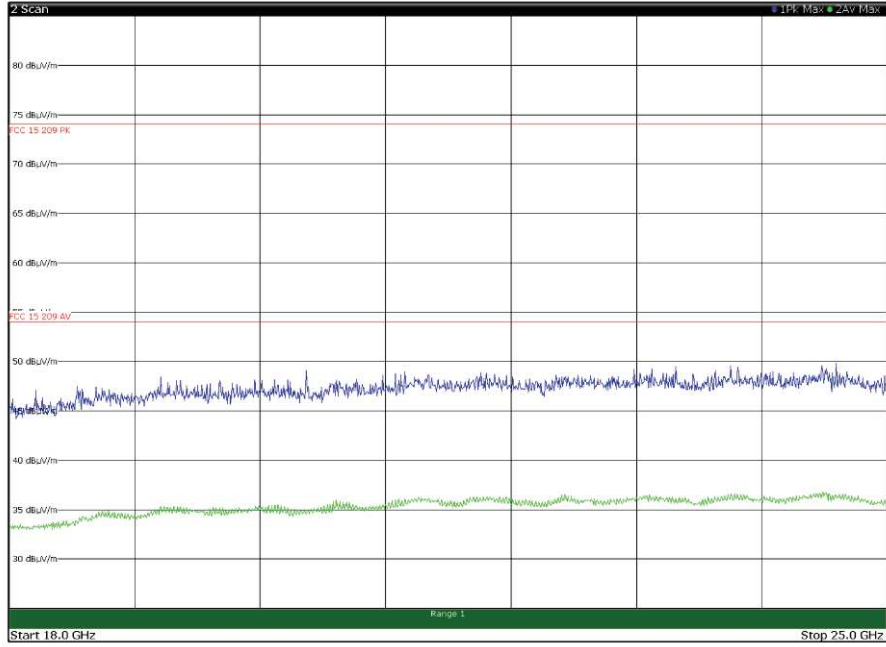




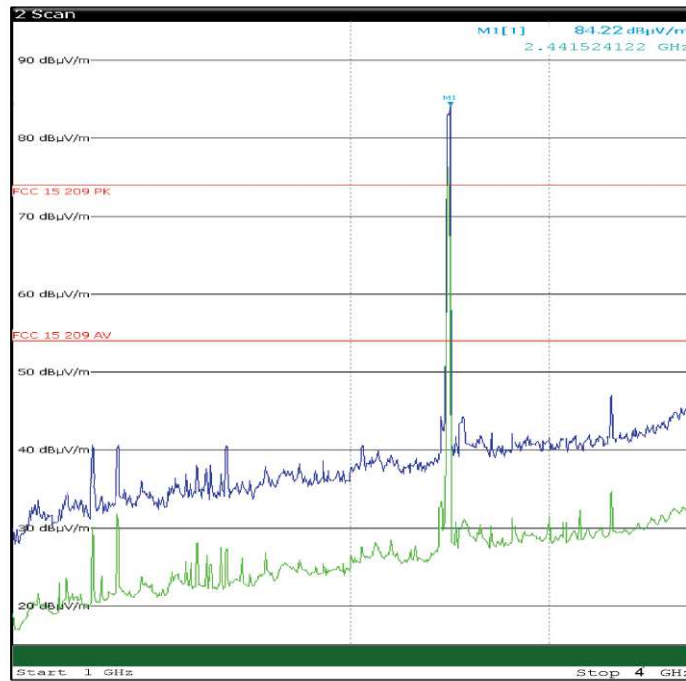
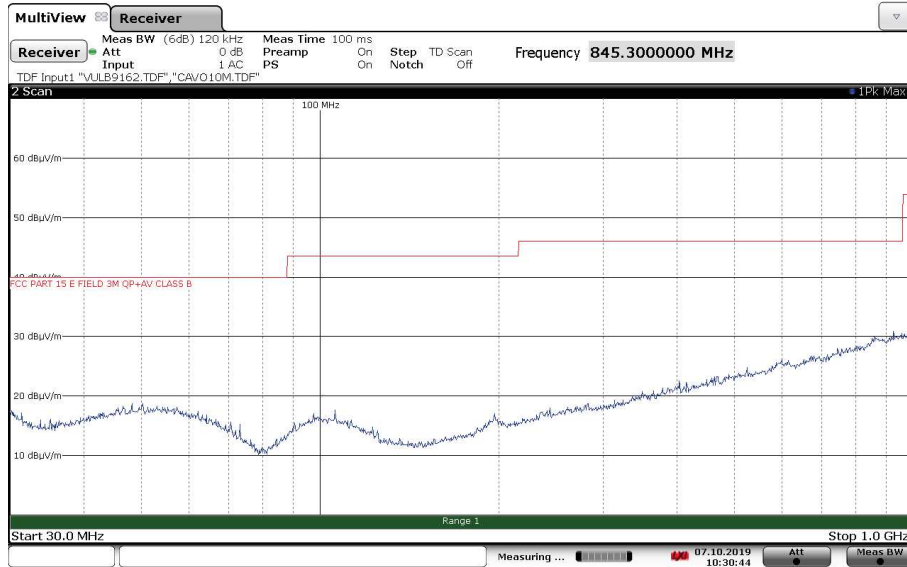
CH 6 protocol 802.11g HORIZONTAL

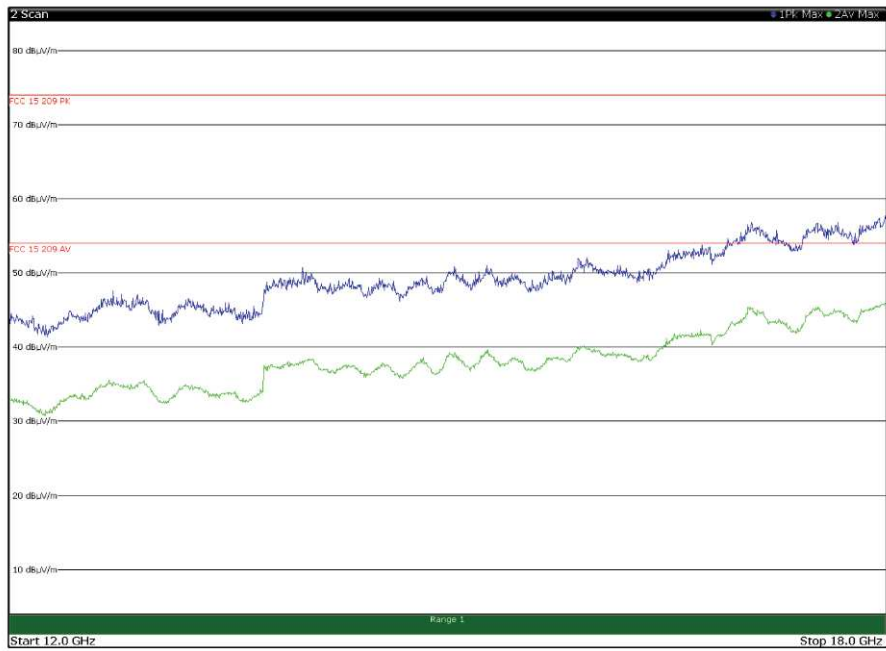
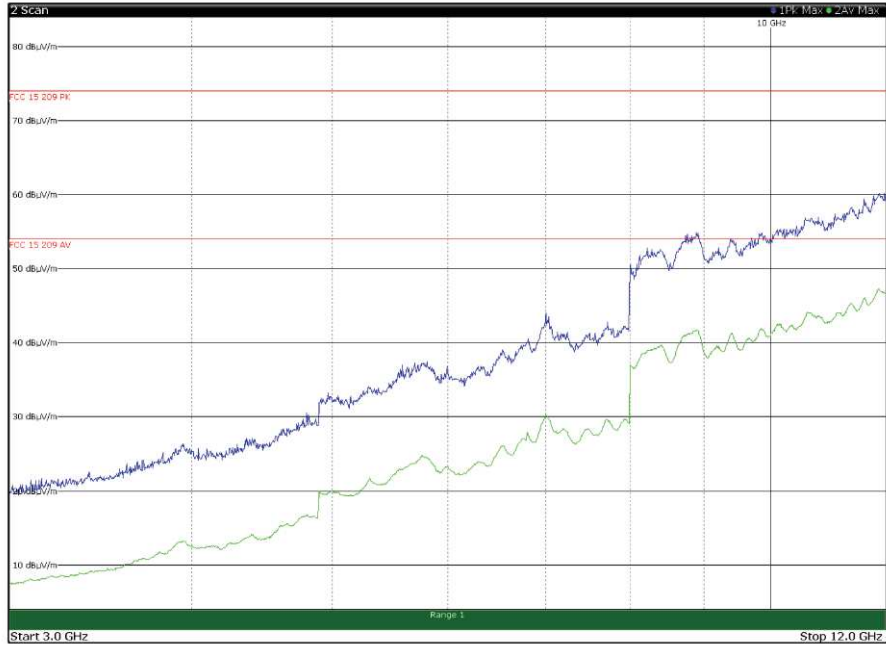


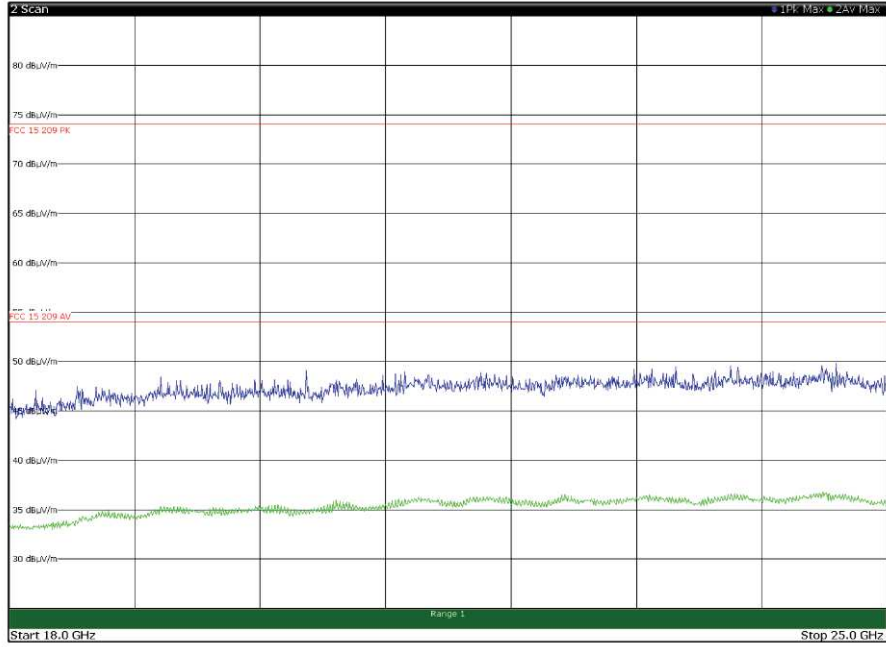




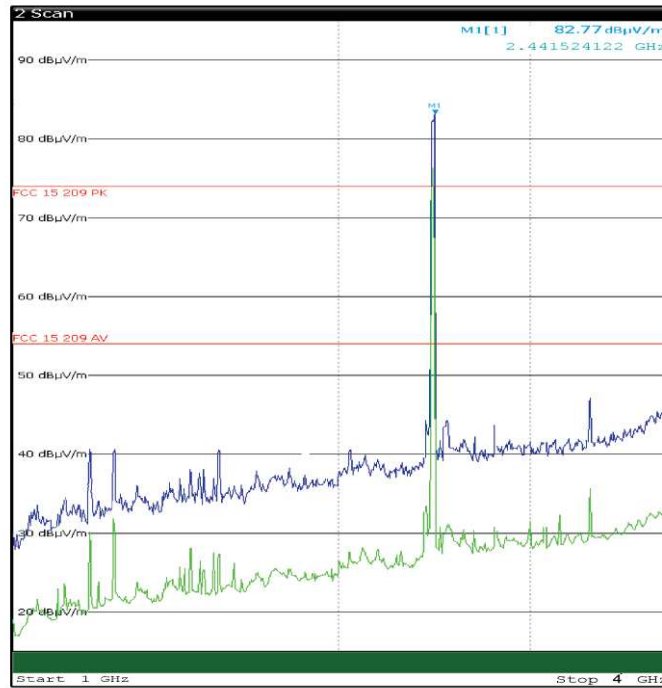
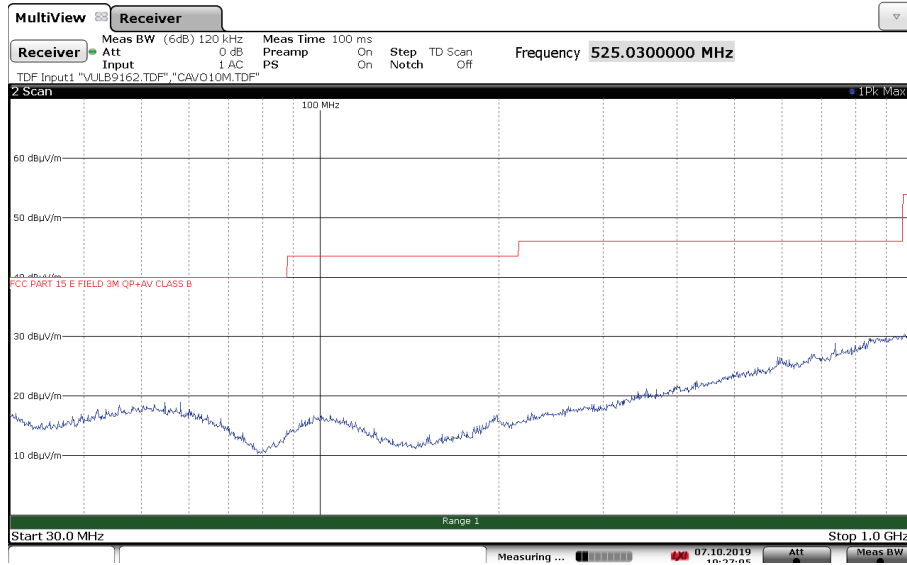
CH 6 protocol 802.11g VERTICAL

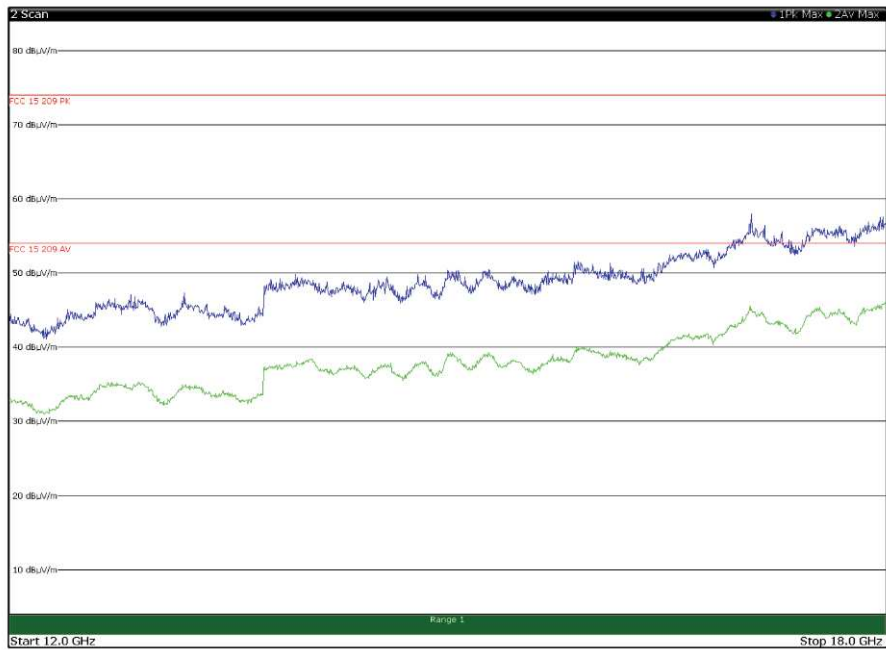
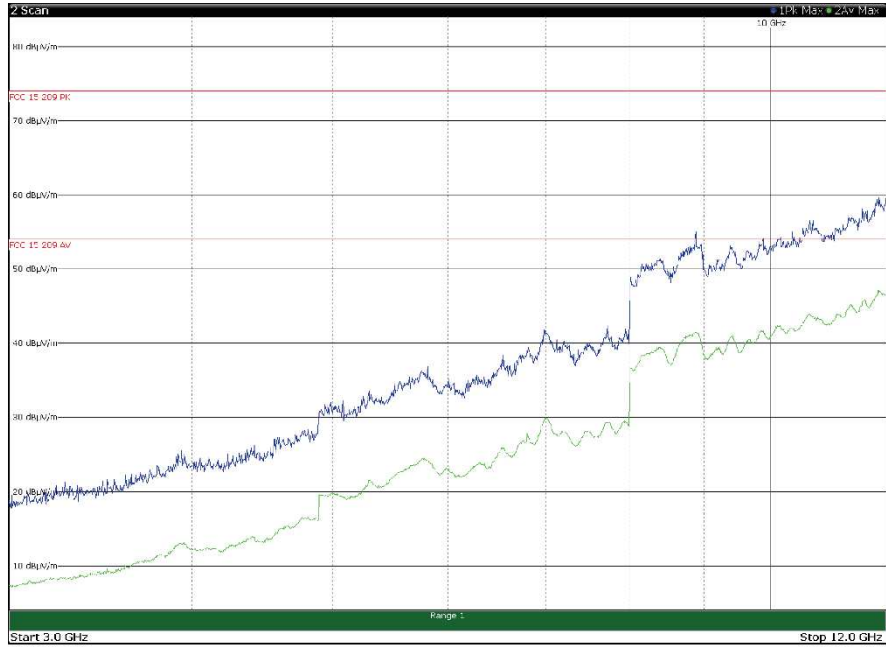


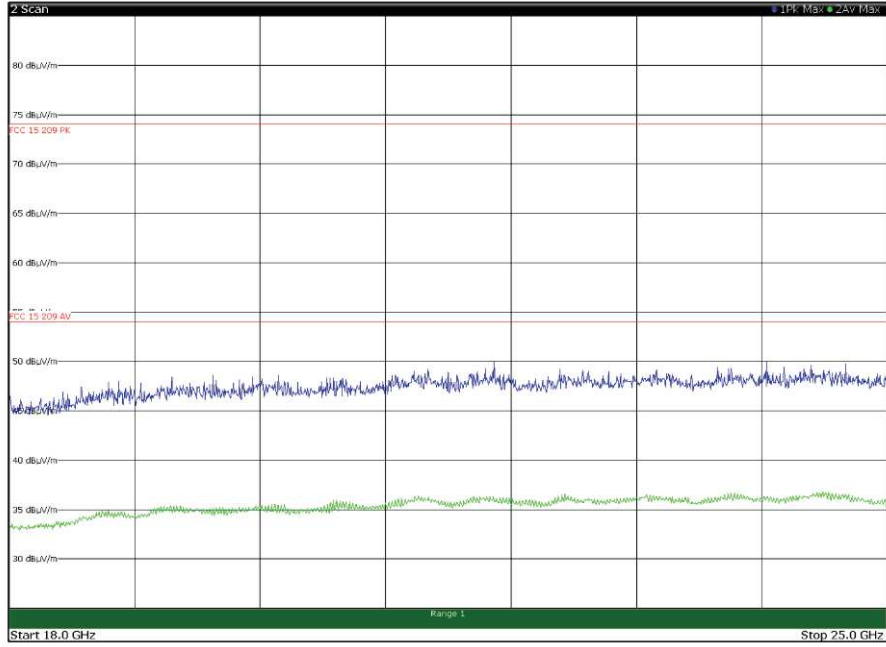




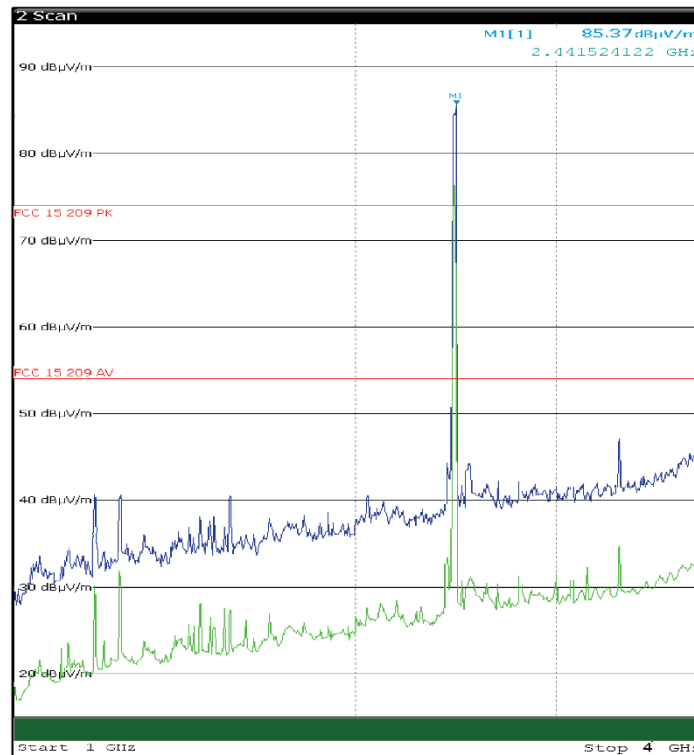
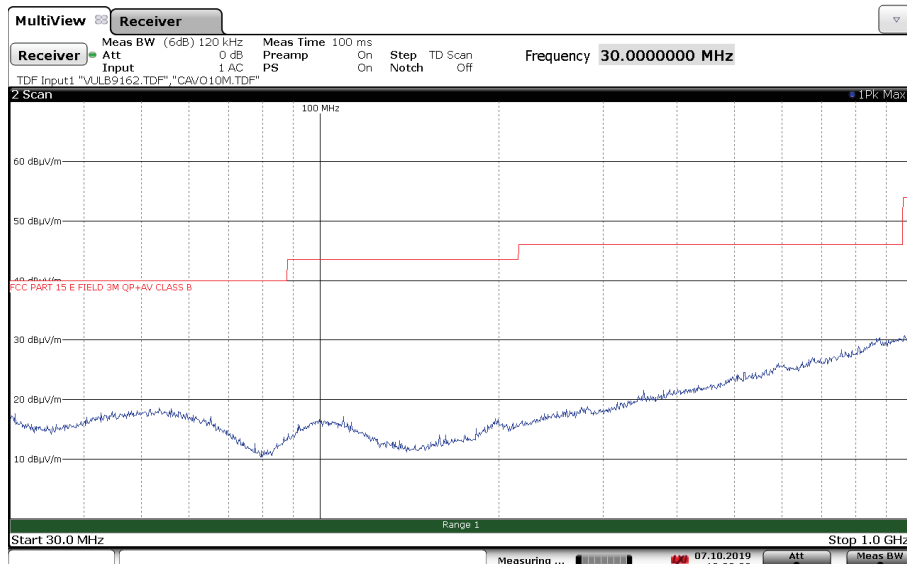
CH 6 protocol 802.11n HORIZONTAL

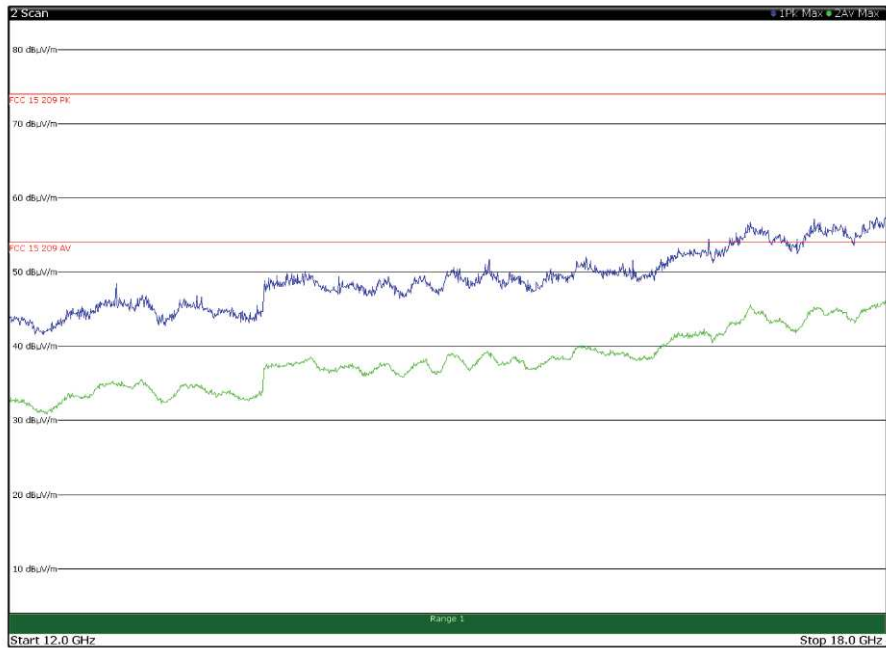
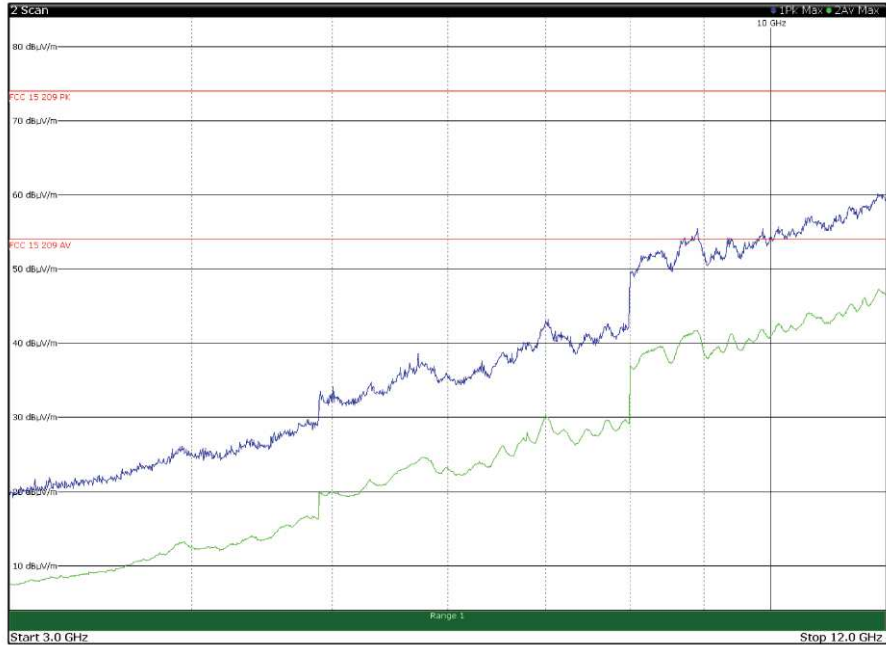


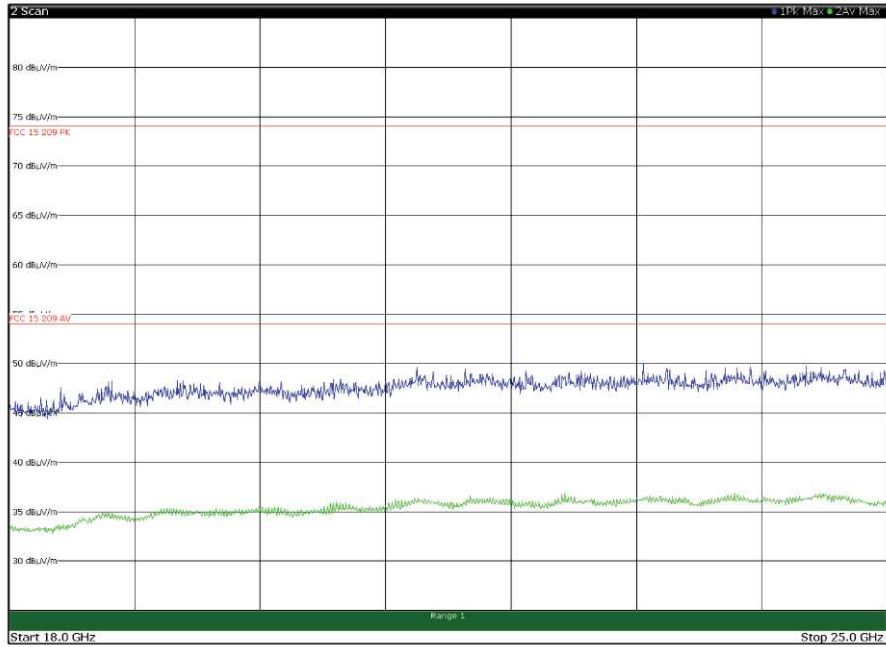




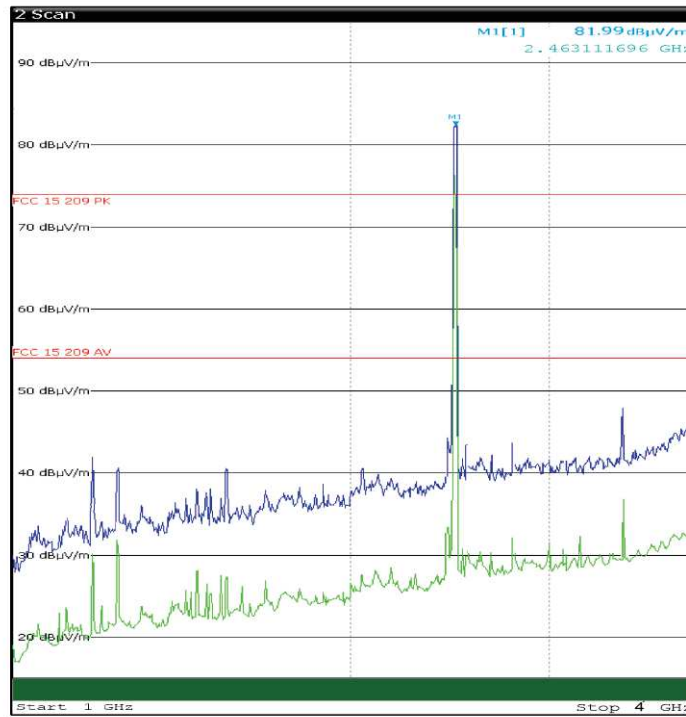
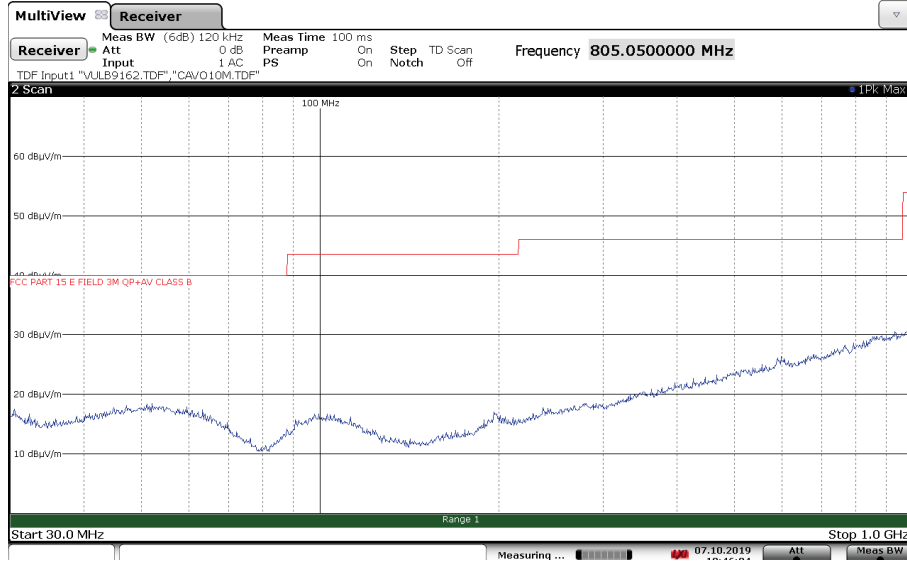
CH 6 protocol 802.11n VERTICAL

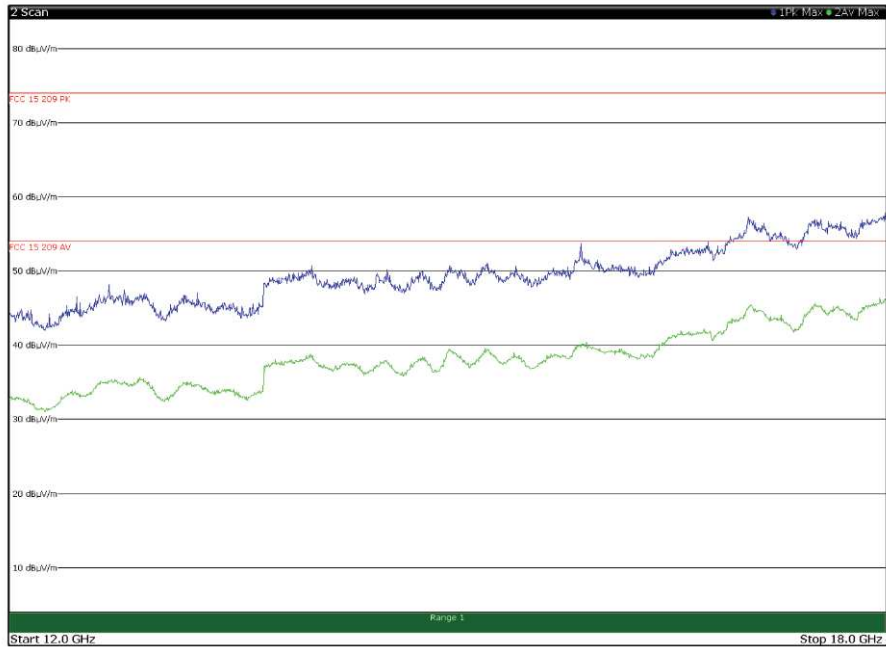
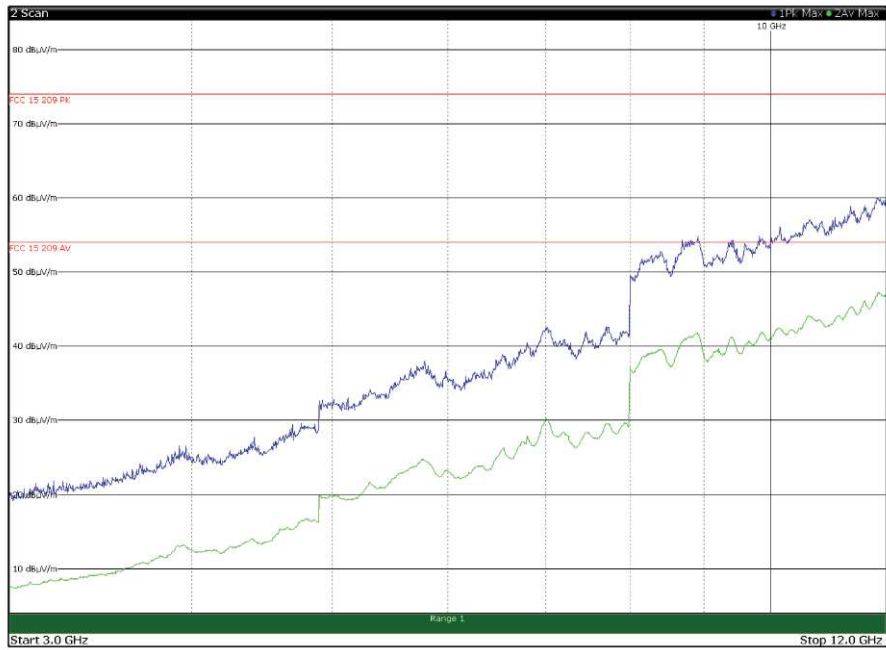


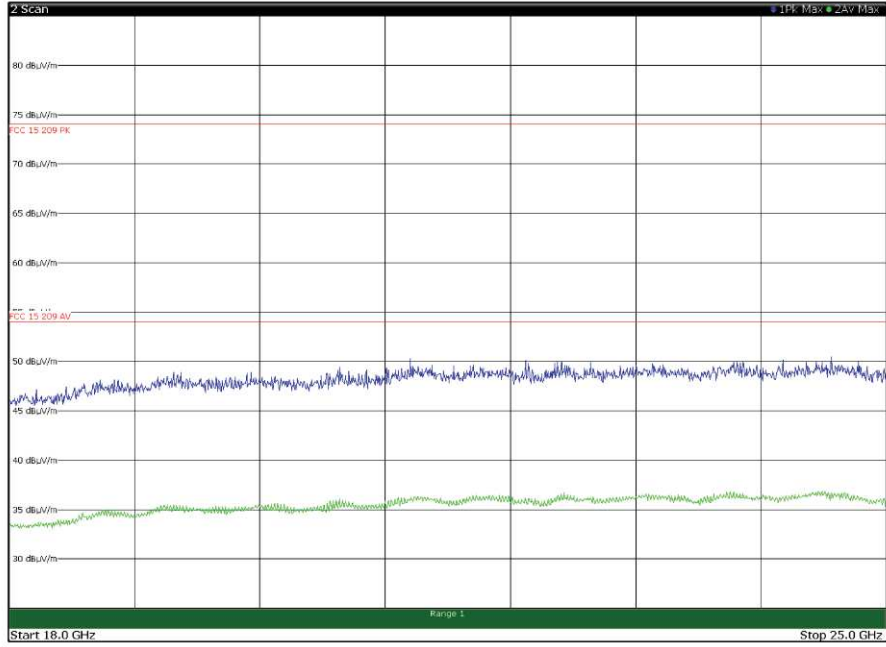




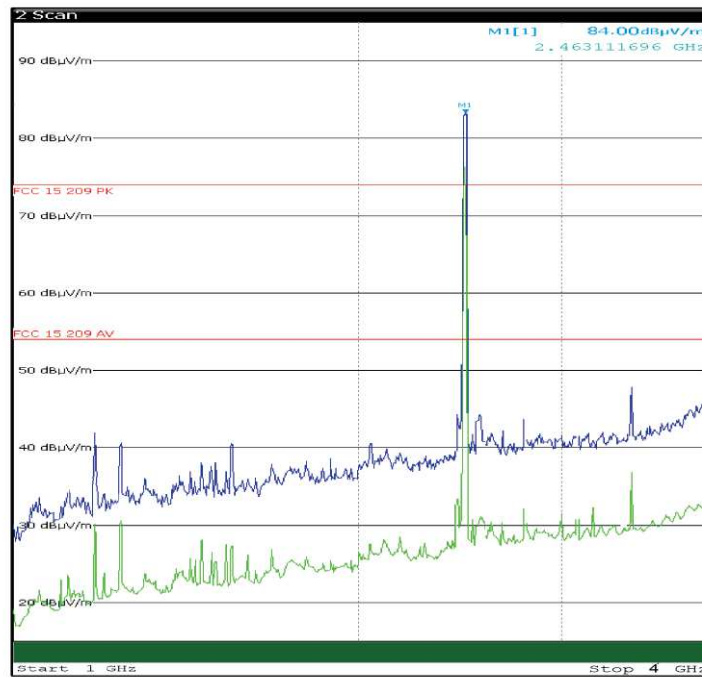
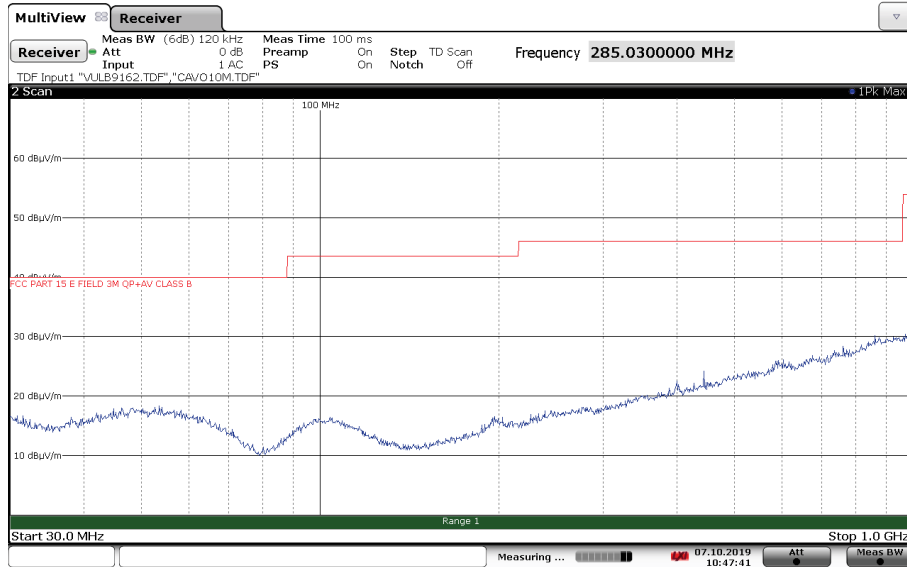
CH 11 protocol 802.11b HORIZONTAL

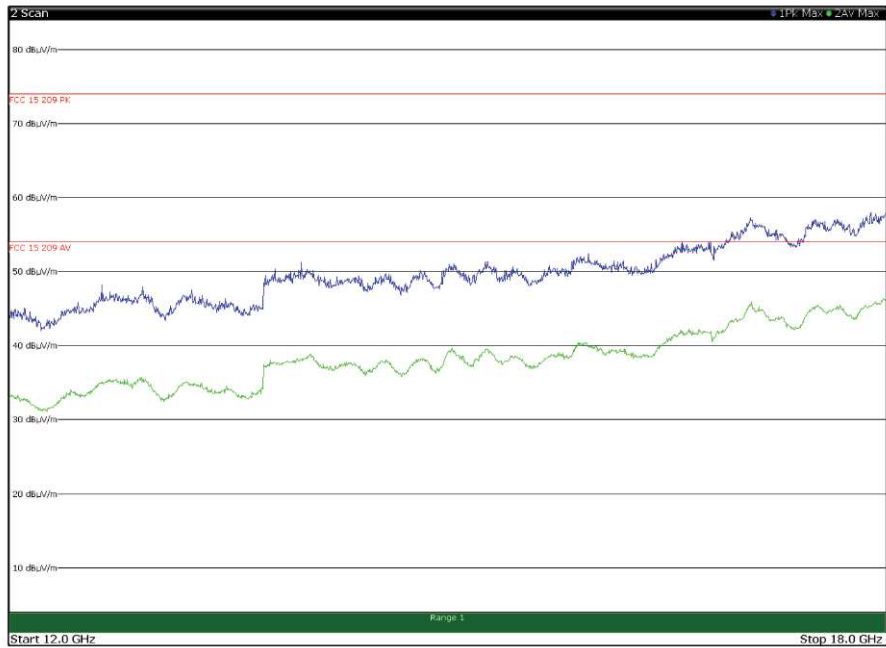
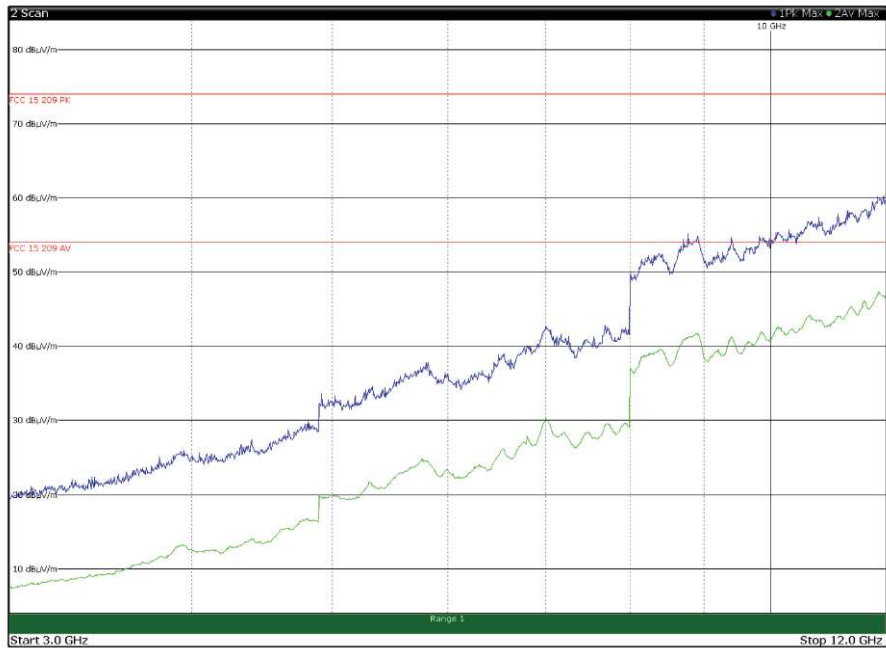


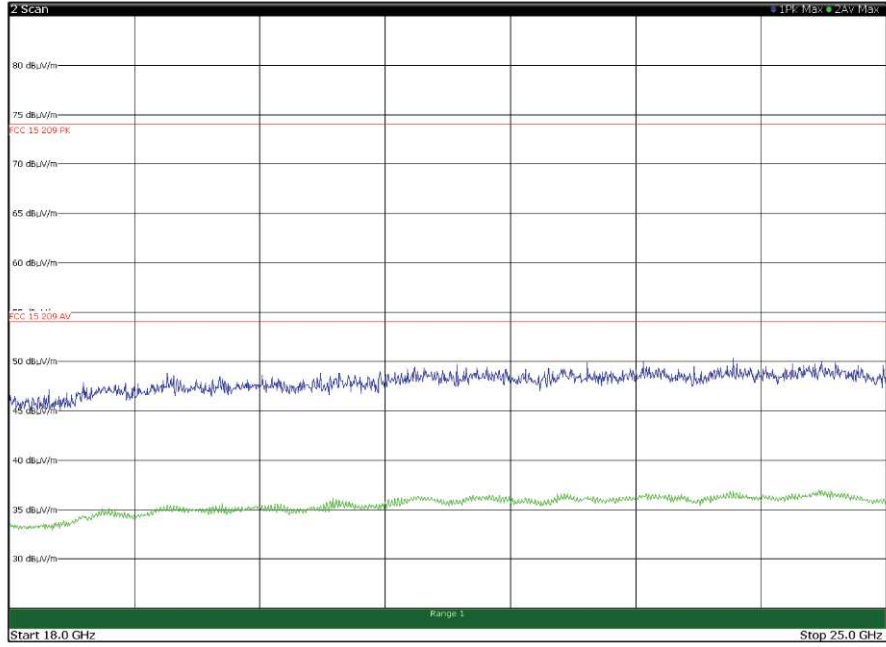




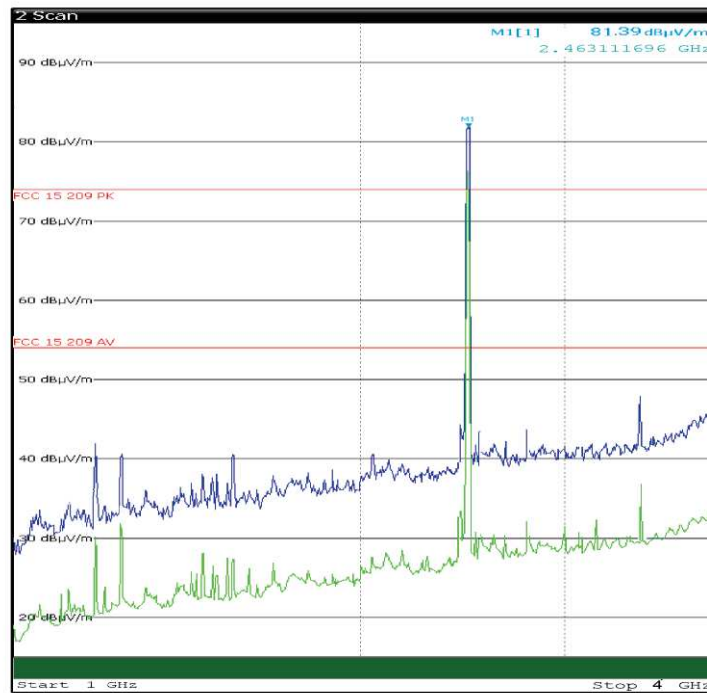
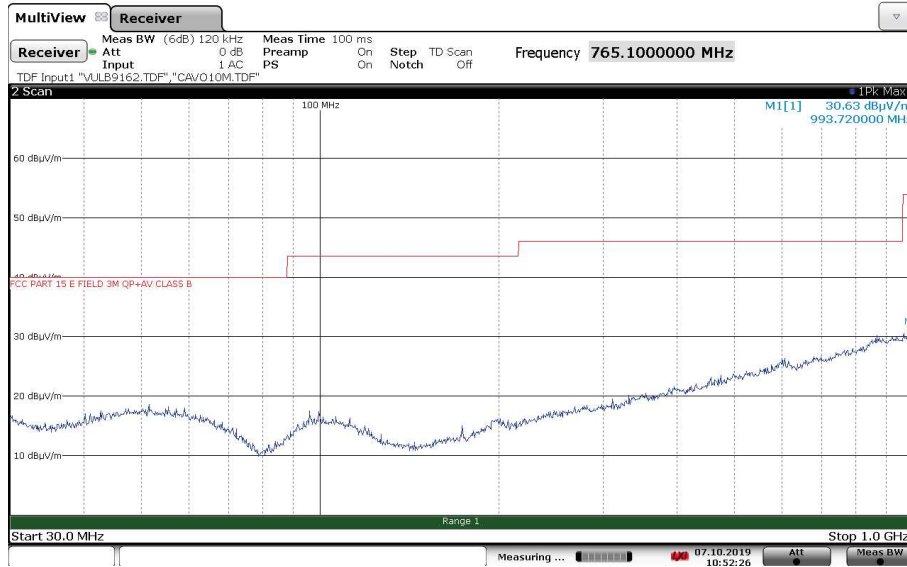
CH 11 protocol 802.11b VERTICAL

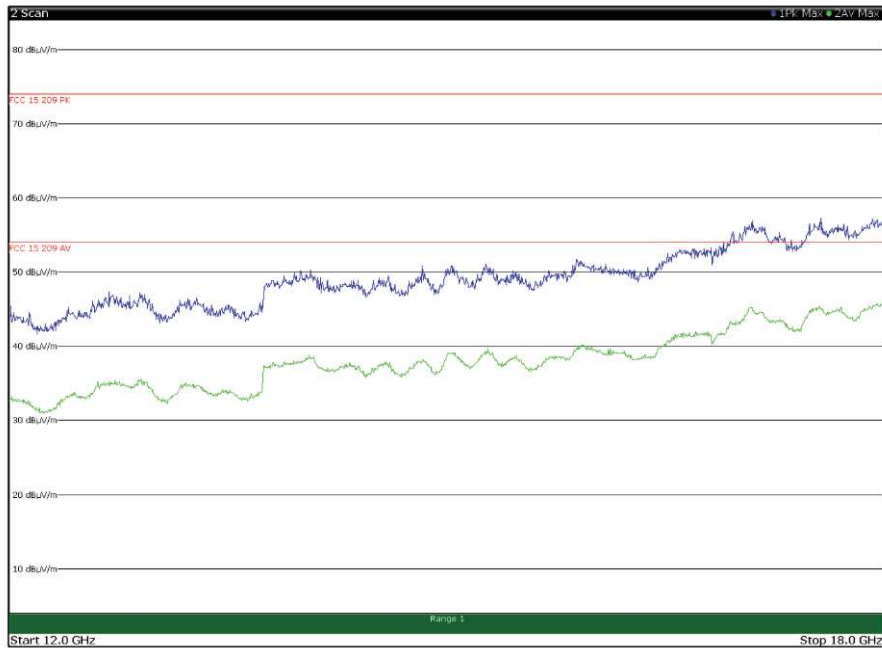
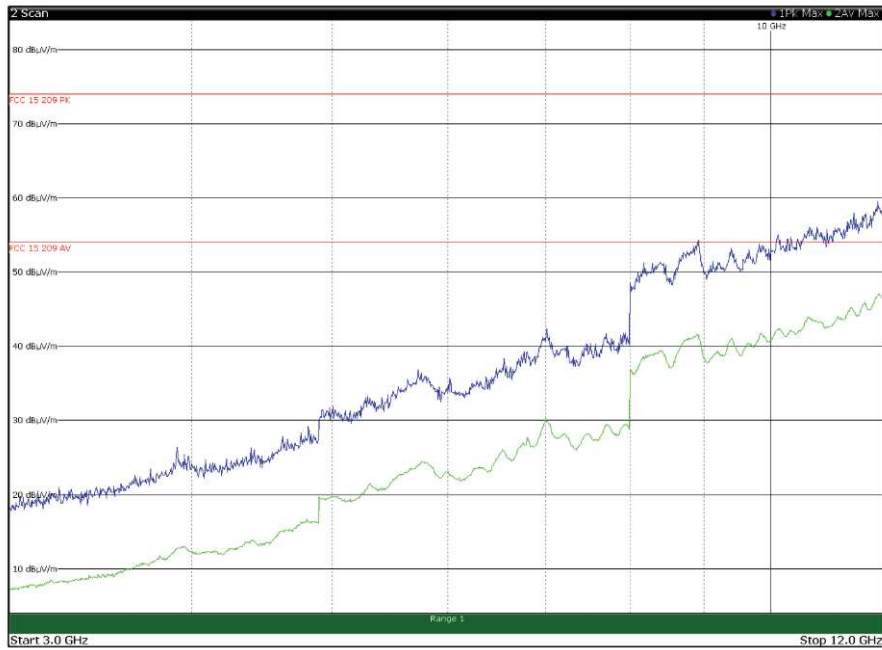


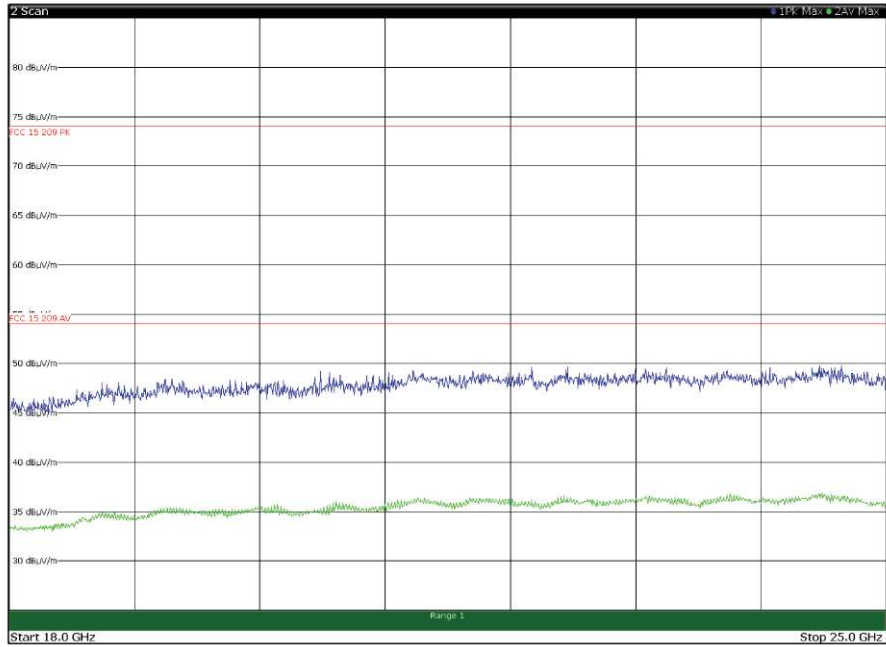




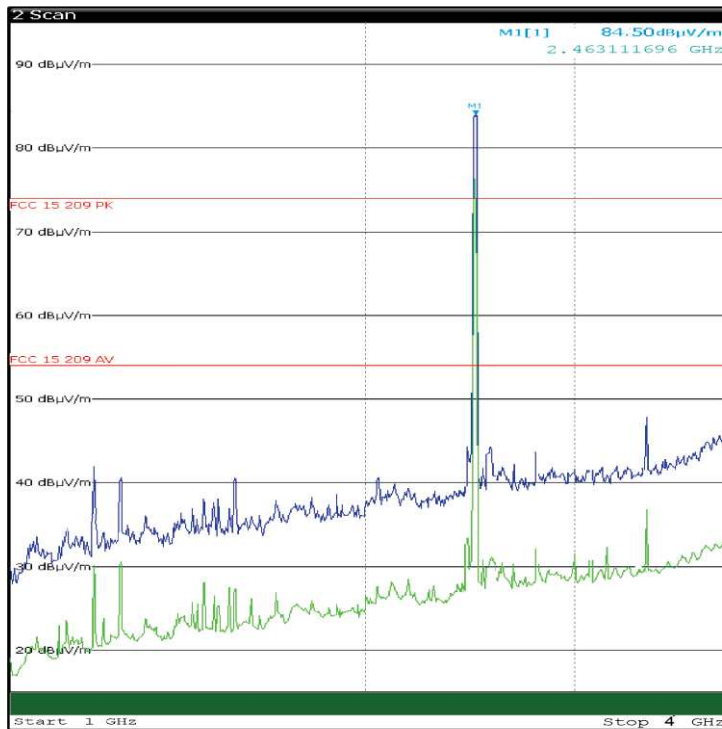
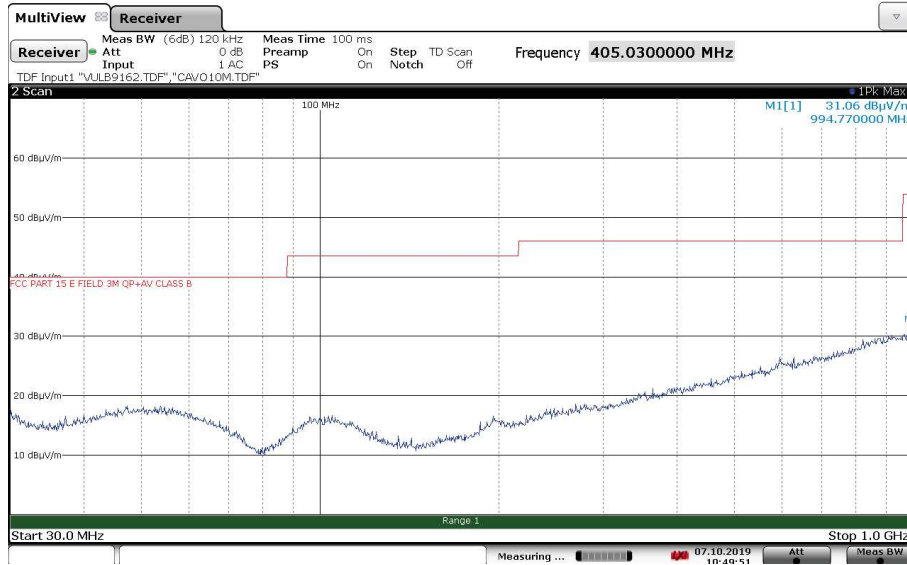
CH 11 protocol 802.11g HORIZONTAL

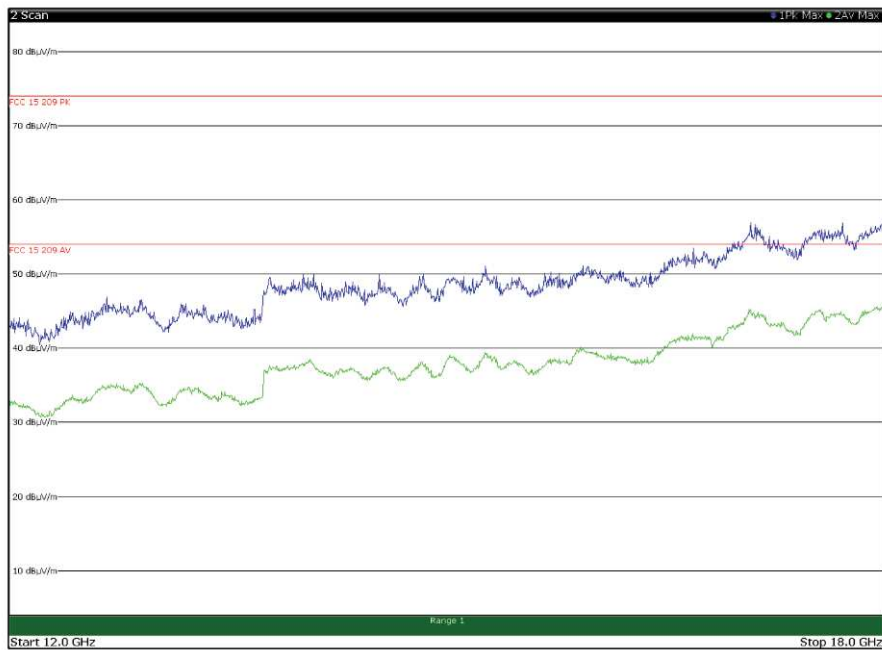
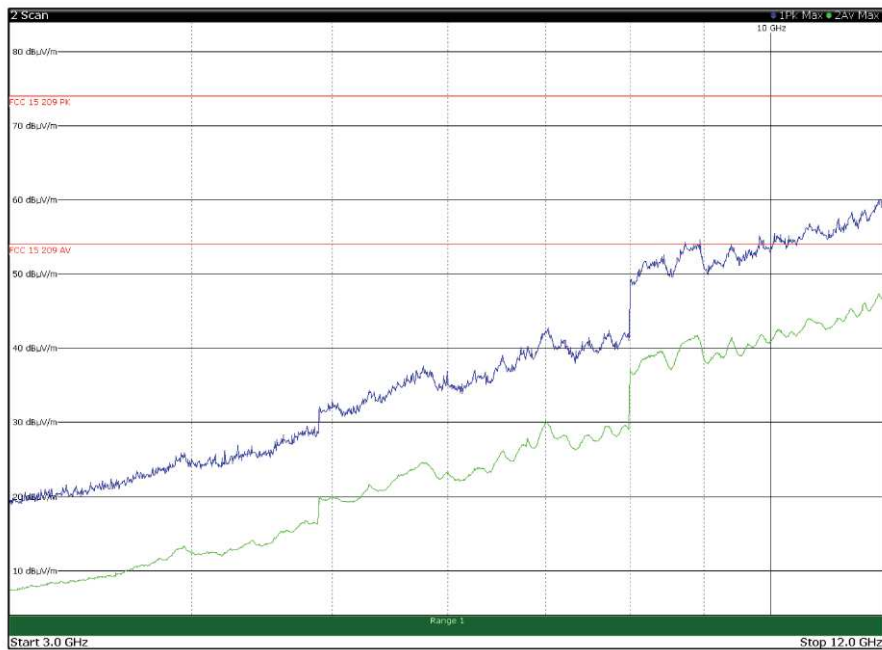


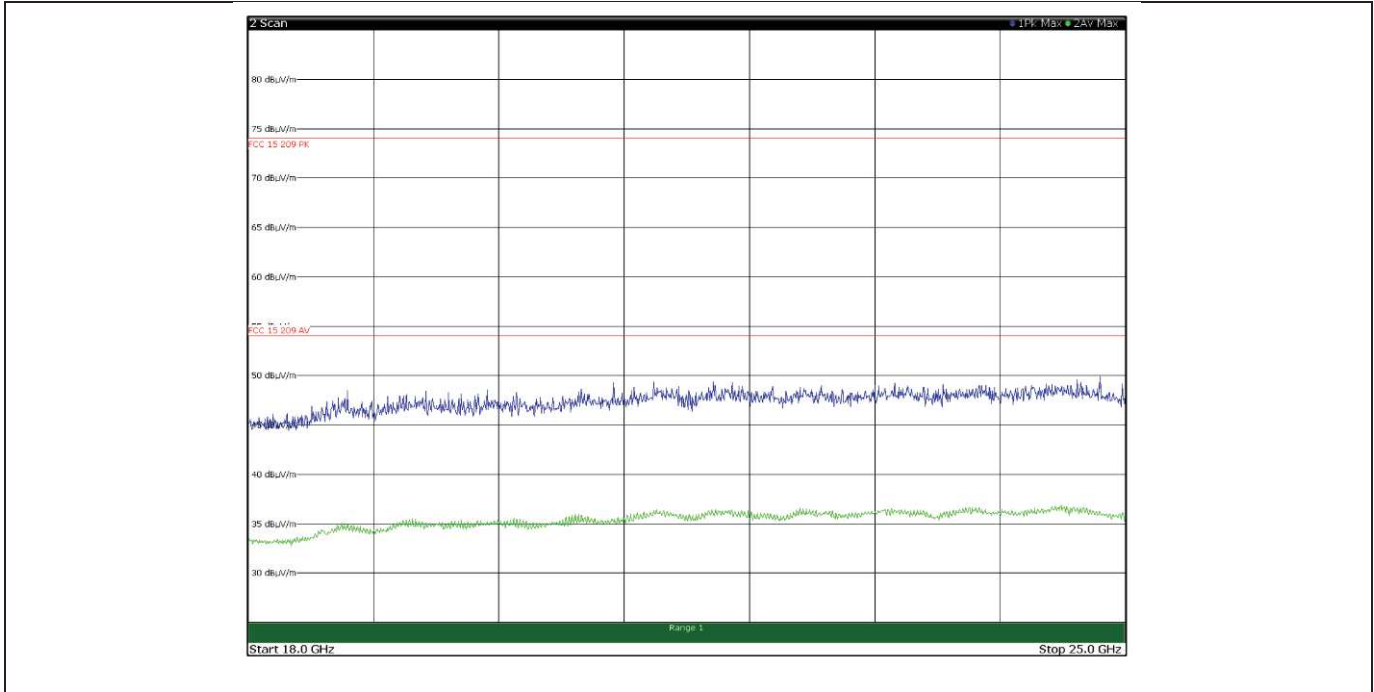




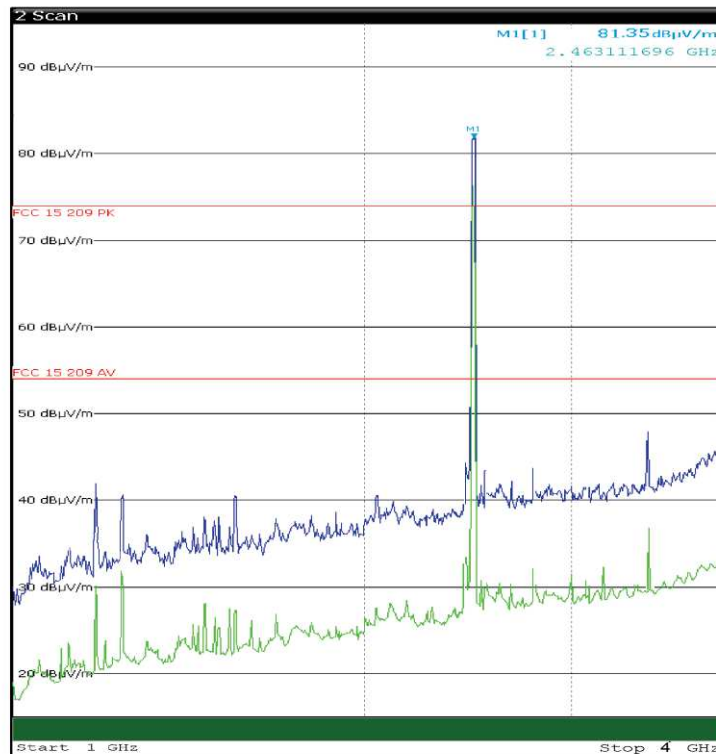
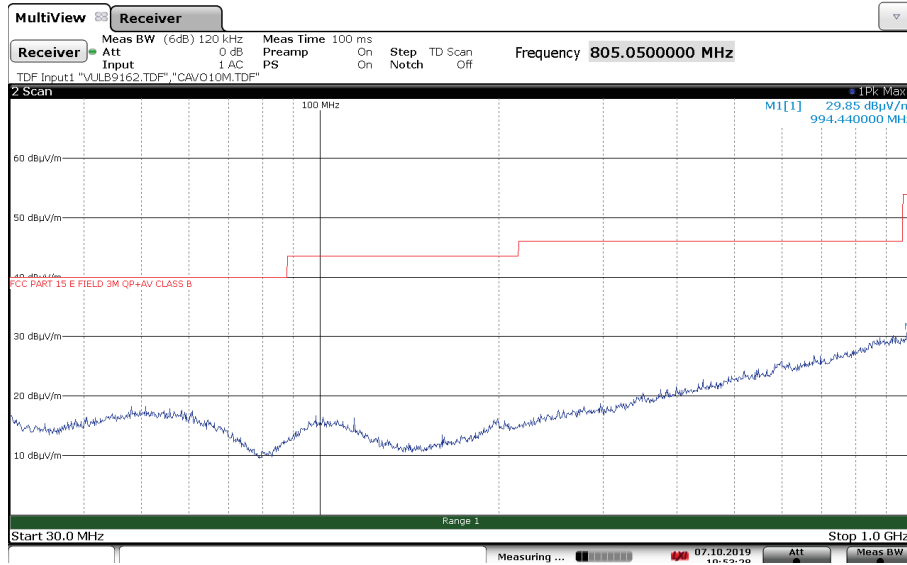
CH 11 protocol 802.11g VERTICAL

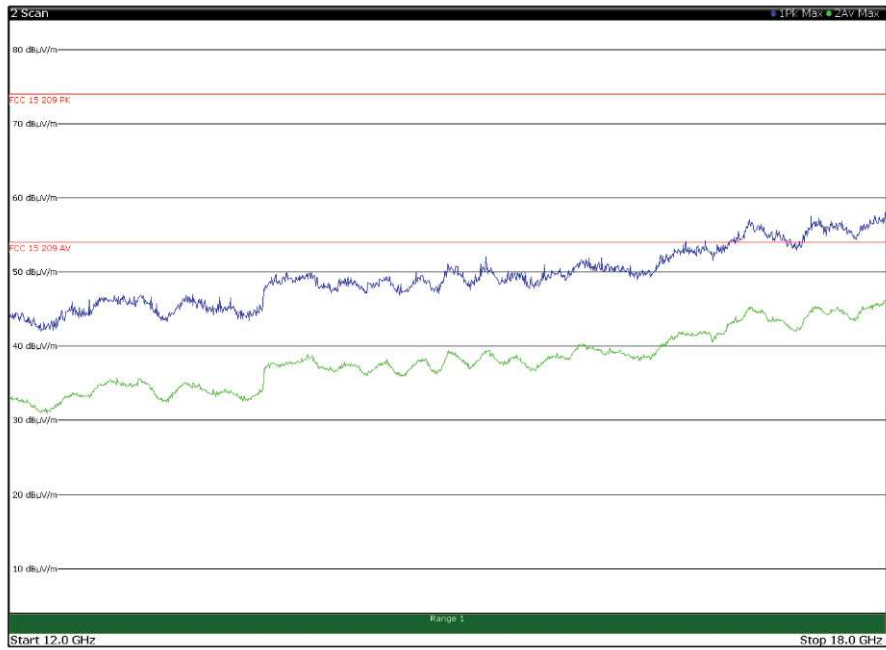
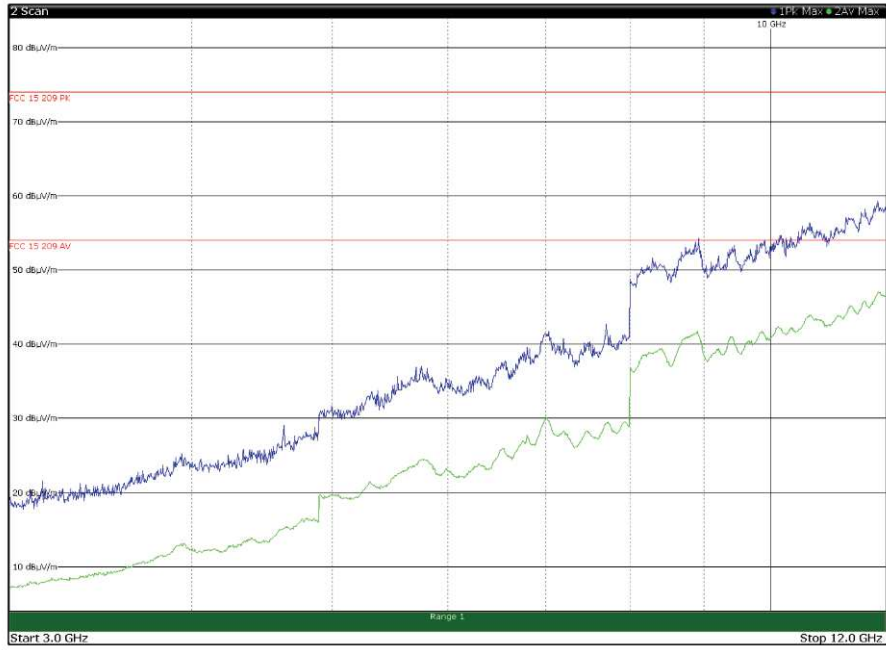


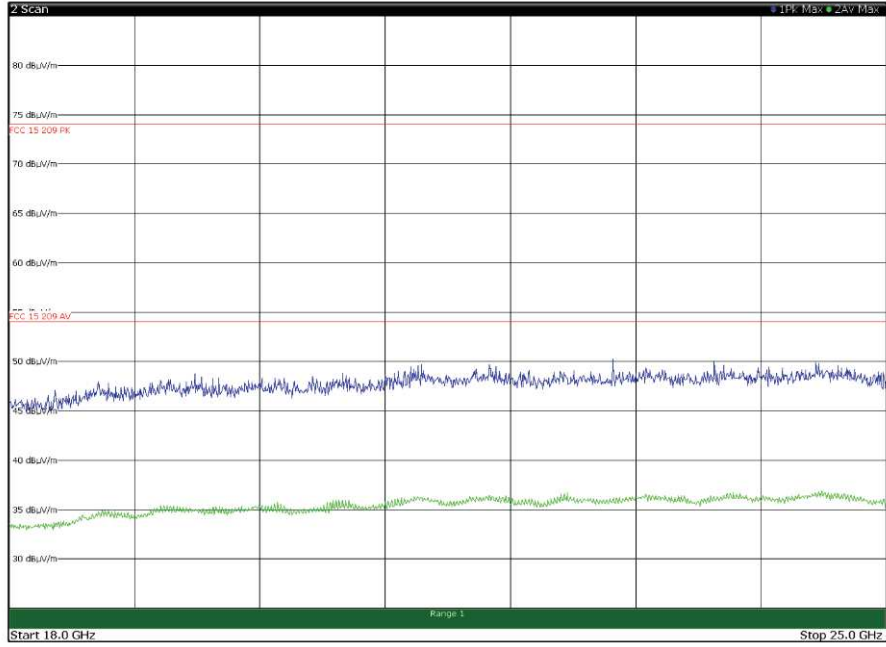




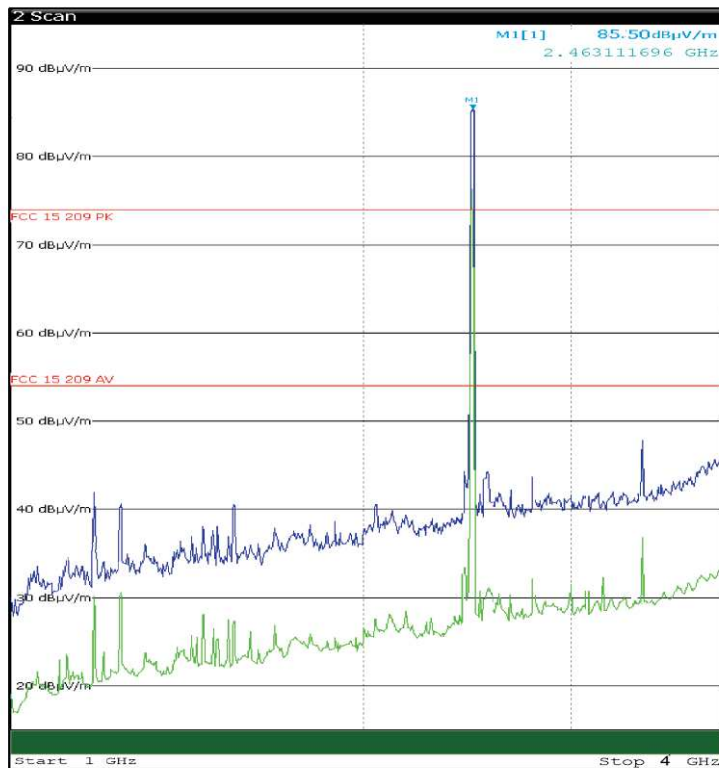
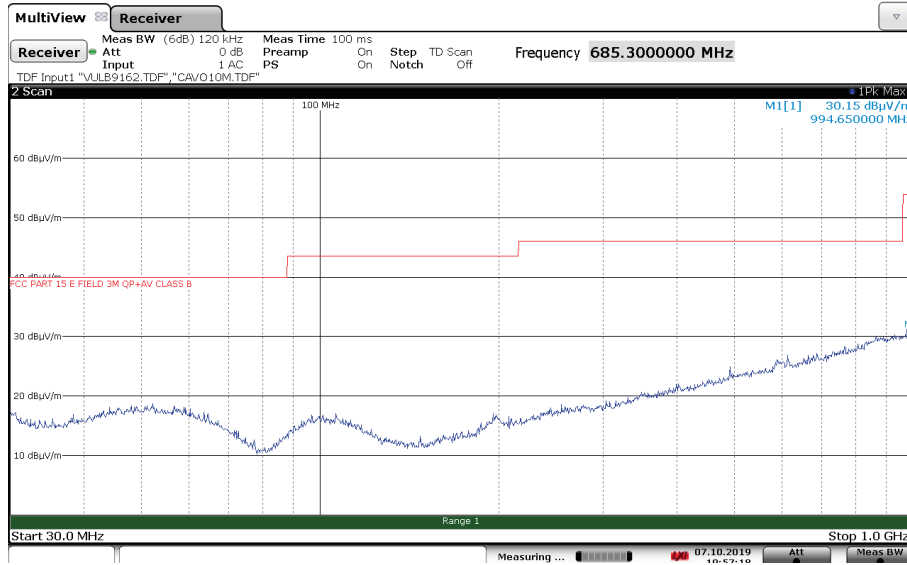
CH 11 protocol 802.11n HORIZONTAL

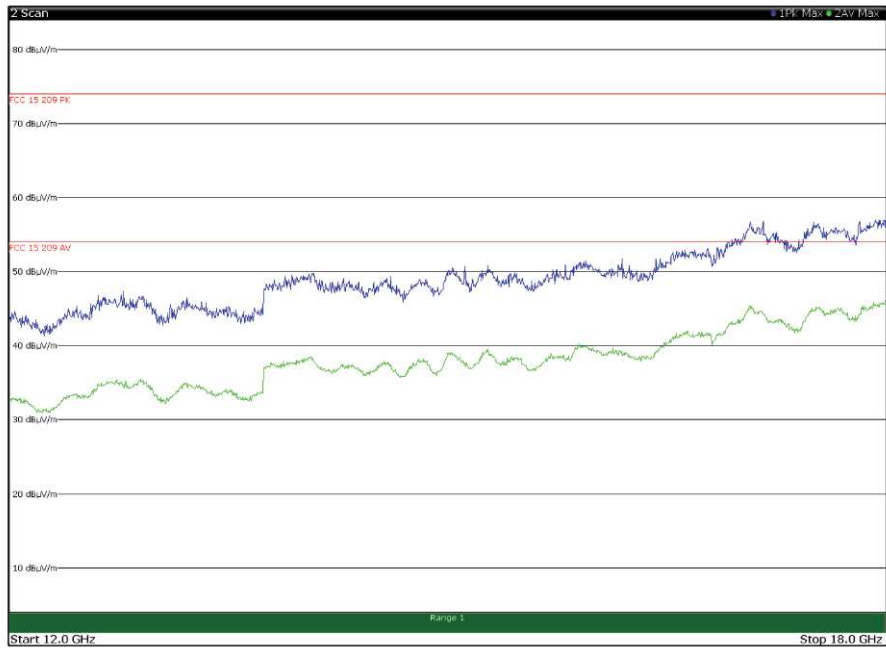
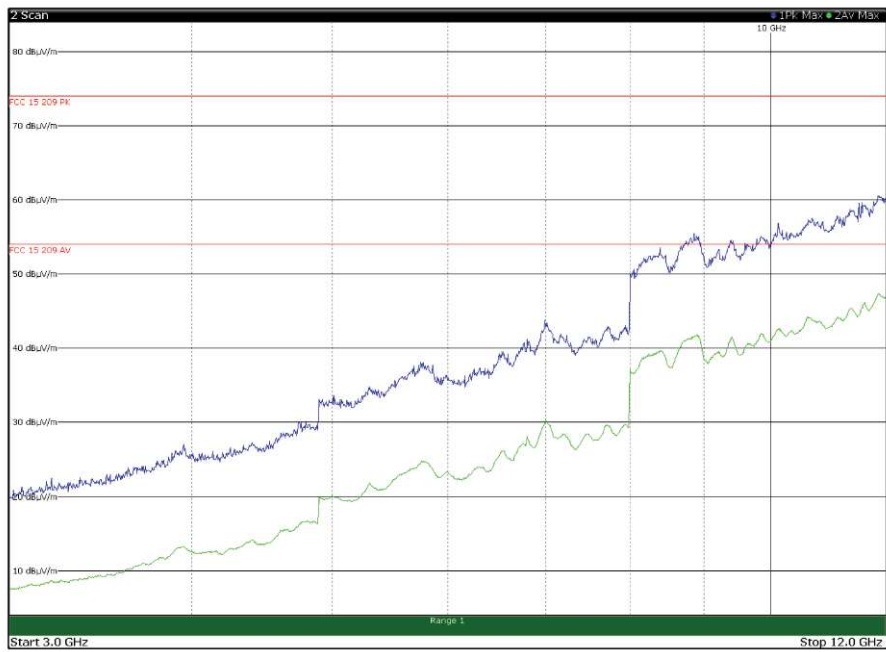


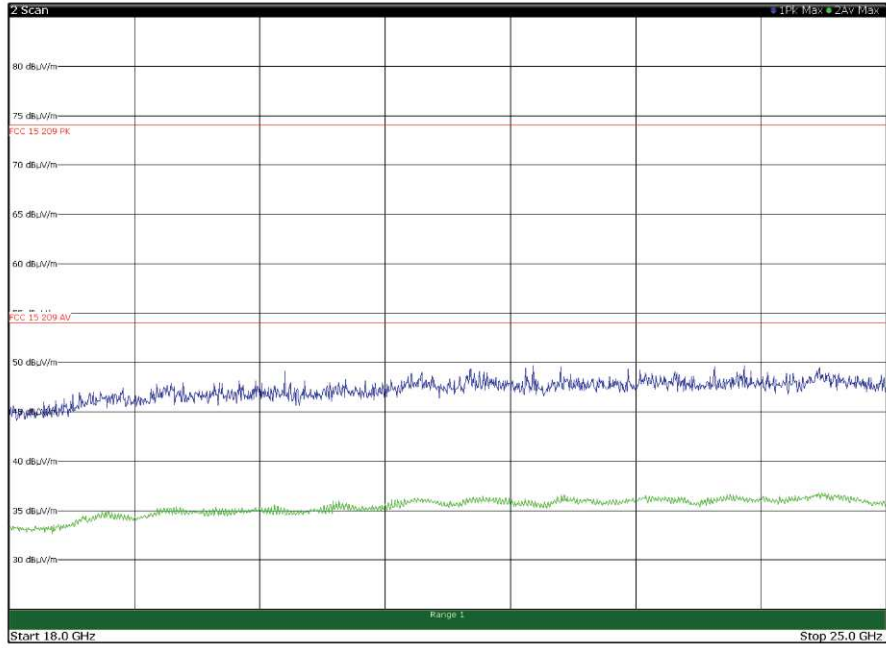




CH 11 protocol 802.11n VERTICAL







8.4 FCC 15.247(e) Power spectral density for digitally modulated devices

8.4.1 Definitions and limits

FCC:

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

8.4.2 Test date

Start date

8.4.3 Observations, settings and special notes

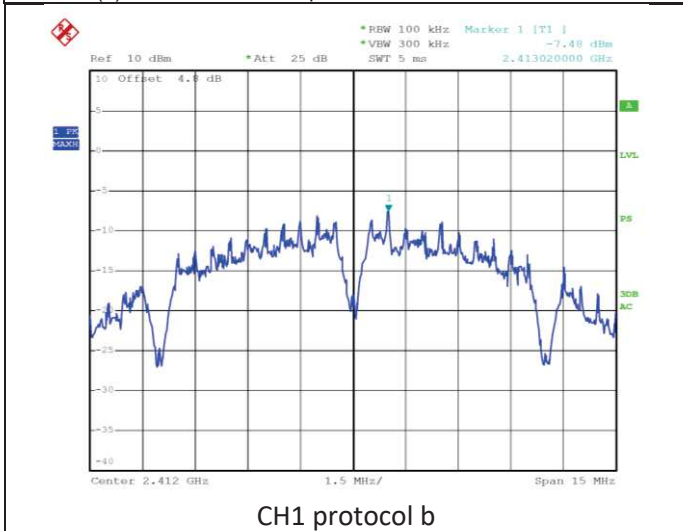
The test was performed using method PKPSD (peak PSD).
Spectrum analyser settings:

Resolution bandwidth:	$3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$
Video bandwidth:	$\geq 3 \times \text{RBW}$
Frequency span:	1.5 times the OBW
Detector mode:	Peak
Trace mode:	Max hold

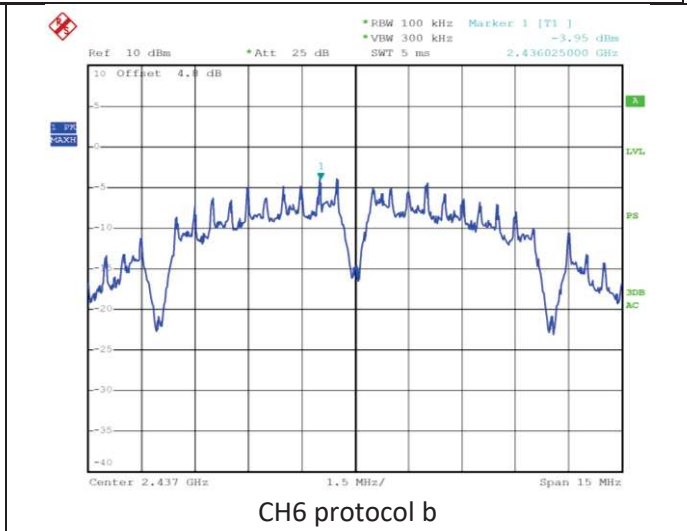
8.4.4 Test data

Modulation	Frequency, MHz	PSD, dBm/100 kHz	PSD limit, dBm/3 kHz	Margin, dB
802.11b	2412	-7.48	8	15.48
	2437	-3.95	8	11.95
	2462	-4.71	8	12.71
802.11g	2412	-8.81	8	16.81
	2437	-3.74	8	11.74
	2462	-4.14	8	12.14
802.11n	2412	-7.33	8	15.33
	2437	-3.65	8	11.65
	2462	-5.02	8	13.02

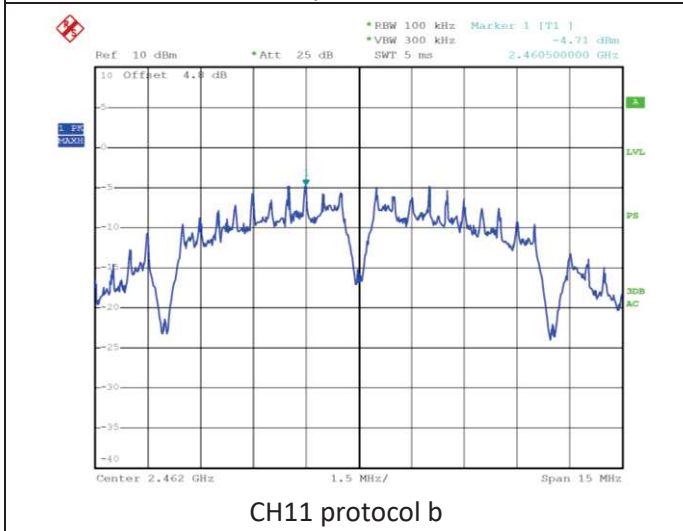
Section (8) Results, continued protocol 802.11



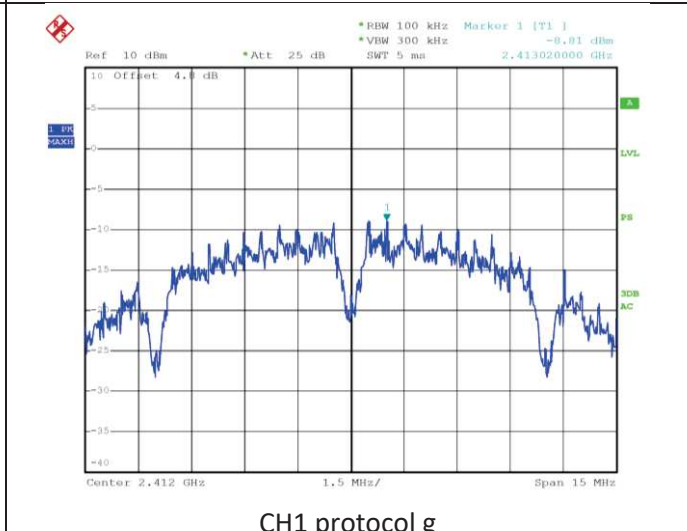
CH1 protocol b



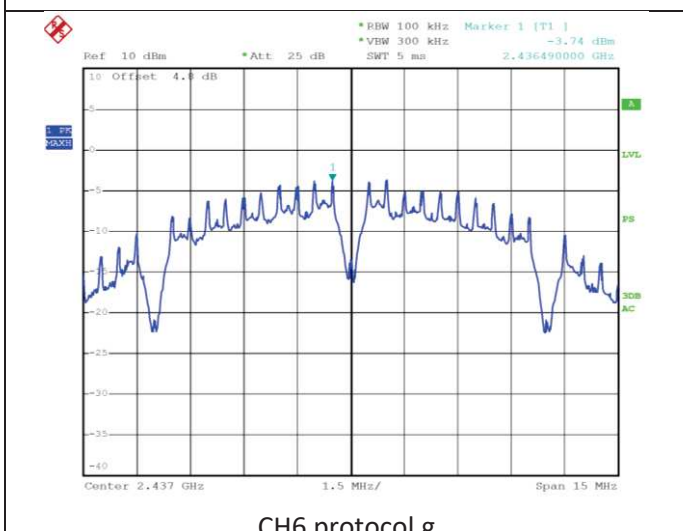
CH6 protocol b



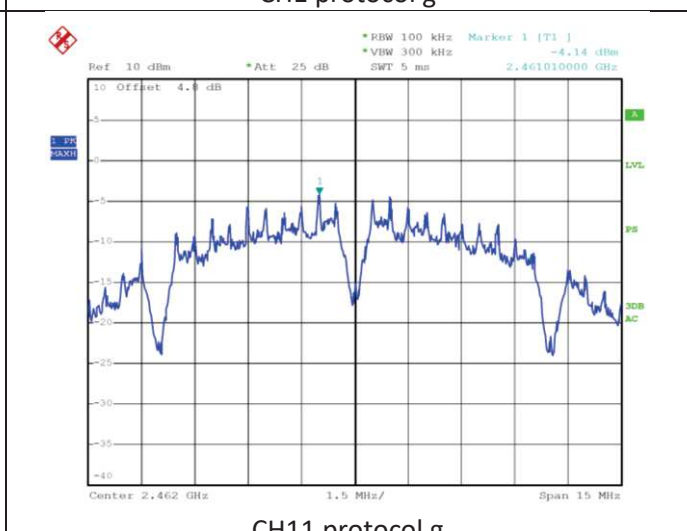
CH11 protocol b



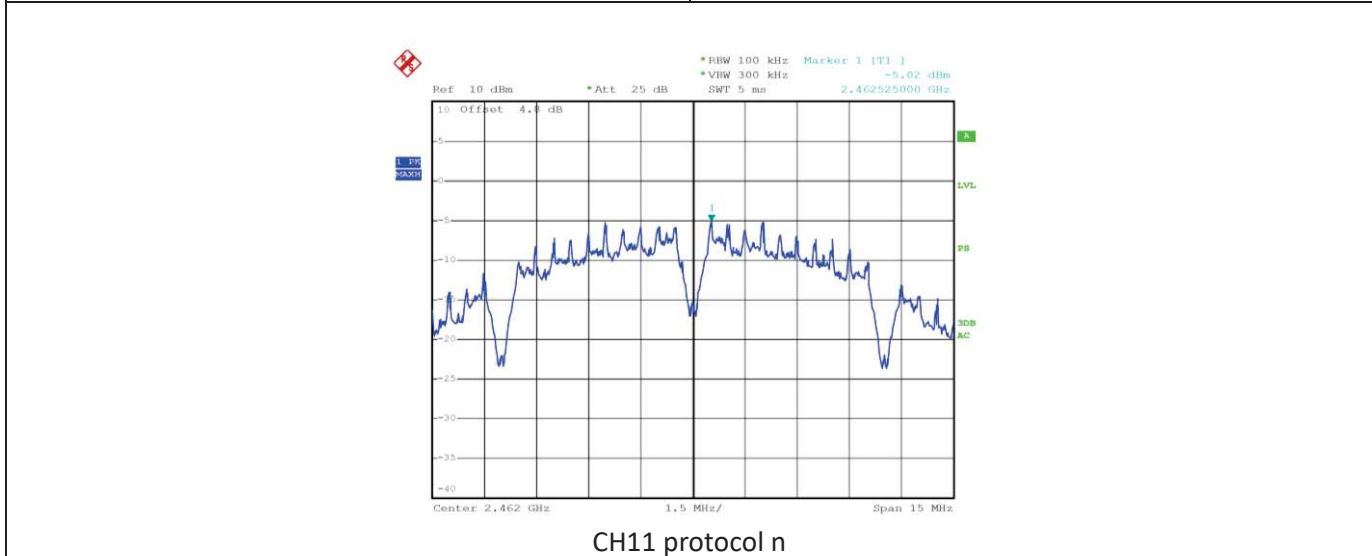
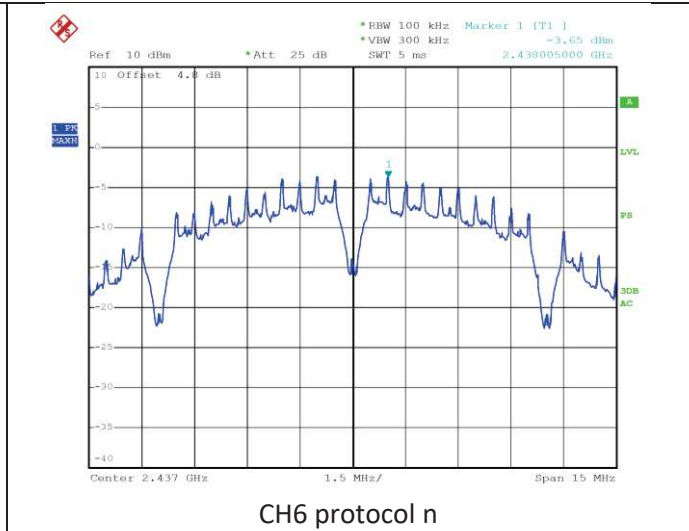
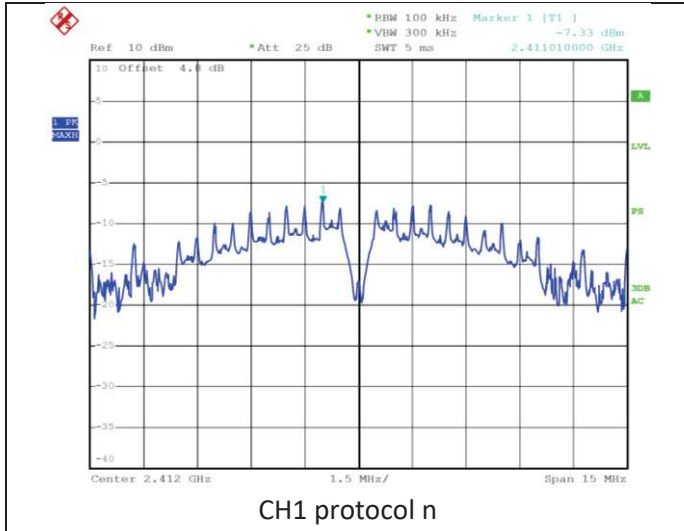
CH1 protocol g



CH6 protocol g

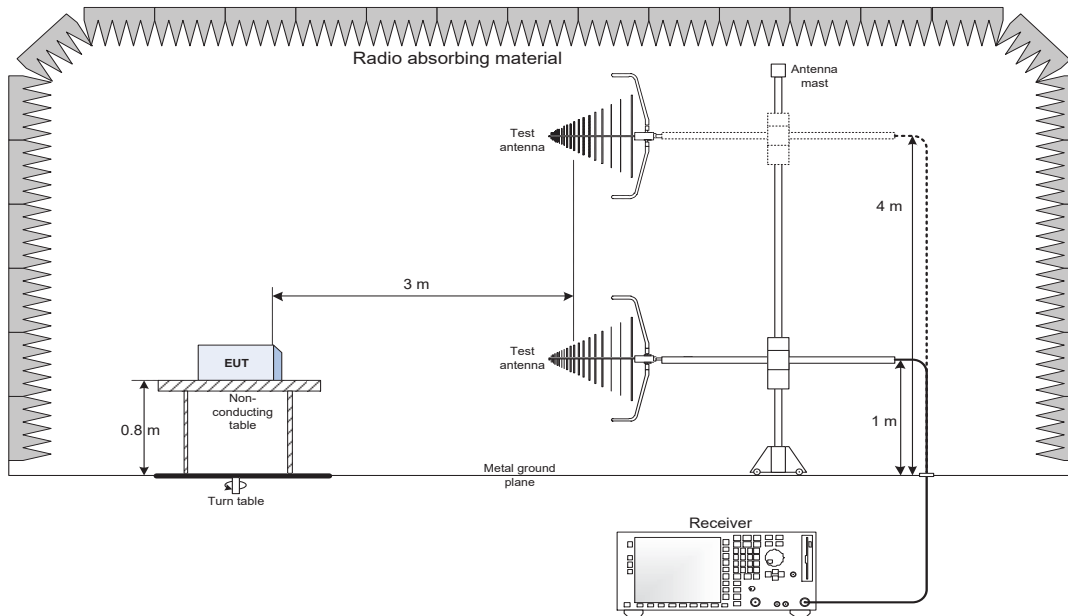


CH11 protocol g

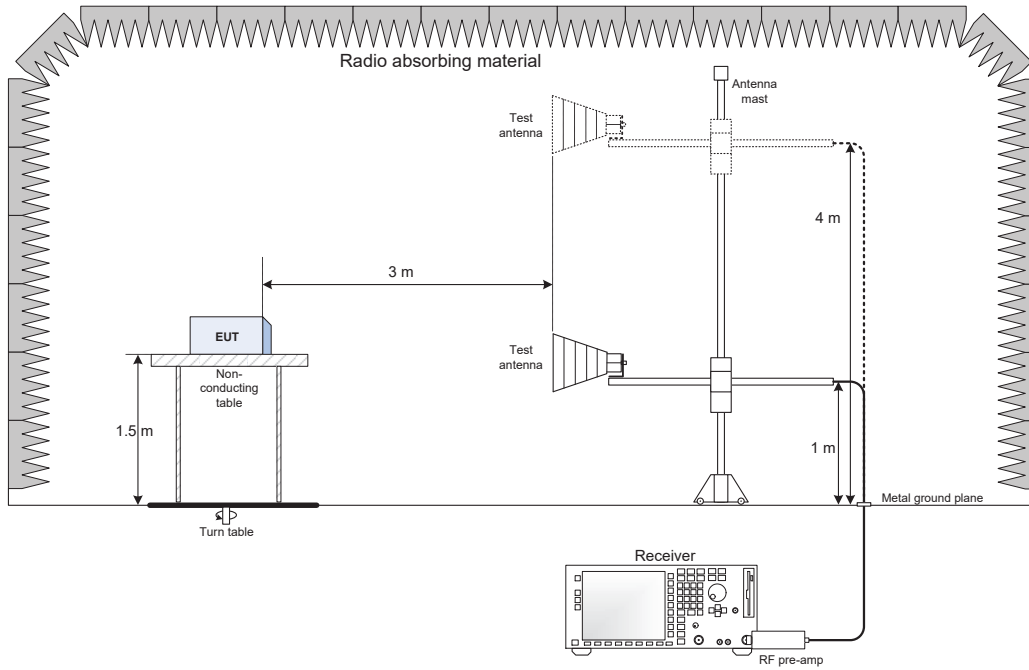


Section 9. Block diagrams of test set-ups

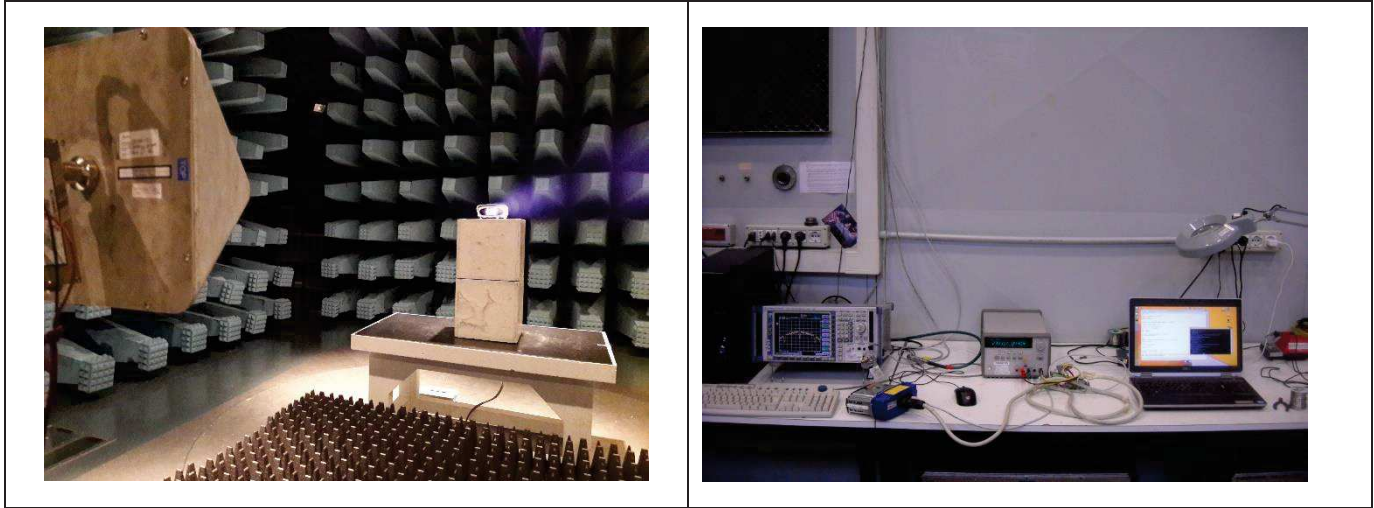
Radiated emissions set-up for frequencies below 1 GHz



Radiated emissions set-up for frequencies above 1 GHz



Section 10. Foto of test set-up and EUT





END OF REPORT