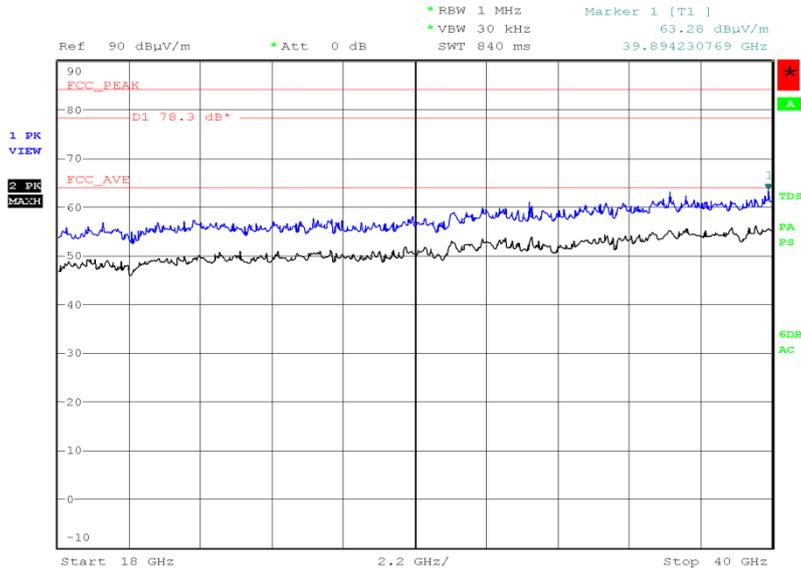




Product Service

802.11a, 5180 MHz, 6 Mbps, 18 GHz to 40 GHz, Frequency Band 1, Spurious Radiated Emissions Plot



Date: 10.APR.2016 15:25:17

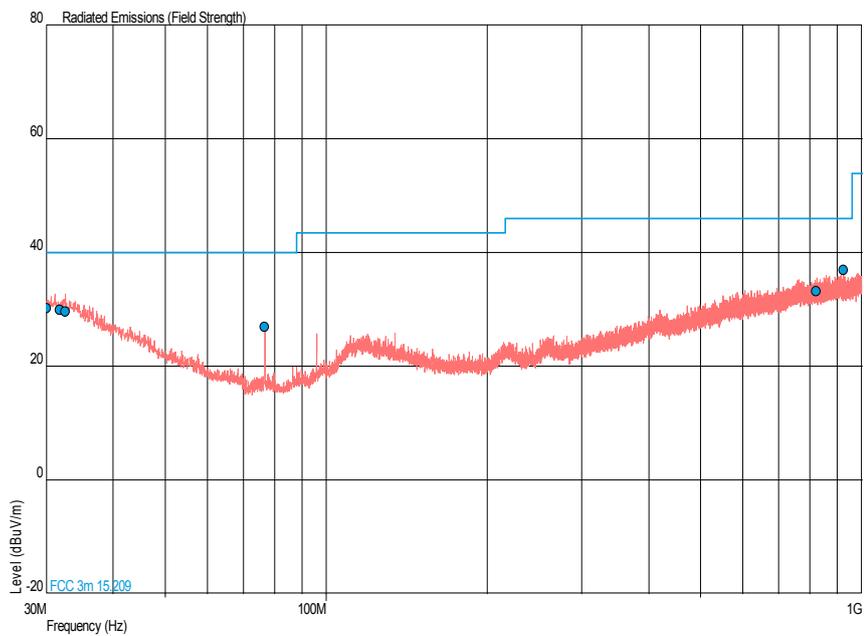


Product Service

**802.11a, 5200 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 1, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dB $\mu$ V/m)	QP Margin (dB $\mu$ V/m)	QP Level ( $\mu$ V/m)	QP Margin ( $\mu$ V/m)	Angle ( $^{\circ}$ )	Height (m)	Polarisation
30.089	30.2	-9.8	32.4	-67.6	360	1.00	Vertical
31.811	29.9	-10.1	31.3	-68.7	4	1.00	Horizontal
32.606	29.6	-10.4	30.2	-69.8	212	1.00	Vertical
76.798	27.0	-13.0	22.4	-77.6	223	1.00	Vertical
820.462	33.3	-12.7	46.2	-153.8	0	1.00	Horizontal
923.374	36.9	-9.1	70.0	-130.0	250	1.00	Horizontal

**802.11a, 5200 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 1, Spurious Radiated Emissions Plot**





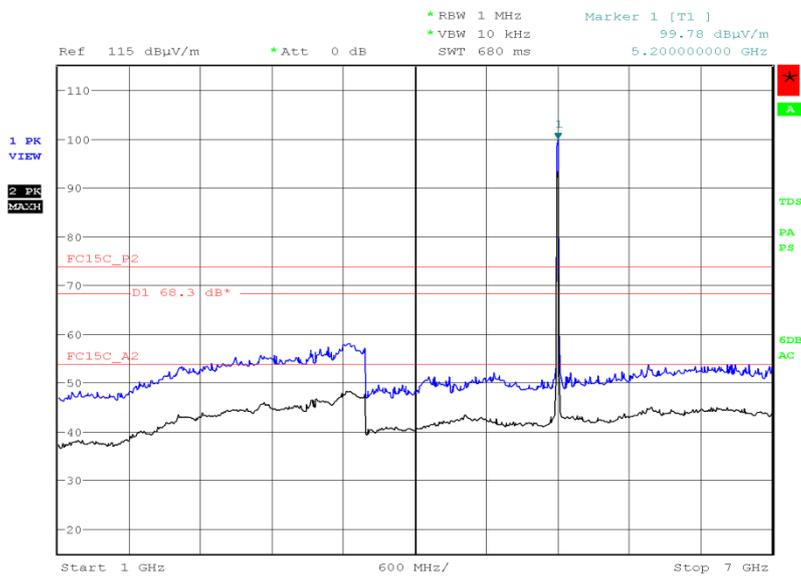
Product Service

802.11a, 5200 MHz, 6 Mbps, 1 GHz to 40 GHz, Frequency Band 1, Spurious Radiated Emissions Results

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

802.11a, 5200 MHz, 6 Mbps, 1 GHz to 7 GHz, Frequency Band 1, Spurious Radiated Emissions Plot

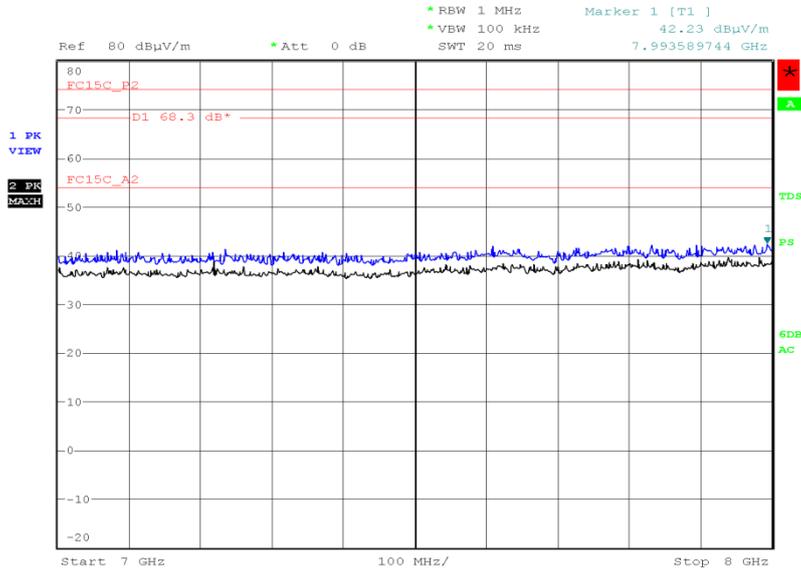


Date: 4.APR.2016 21:10:37



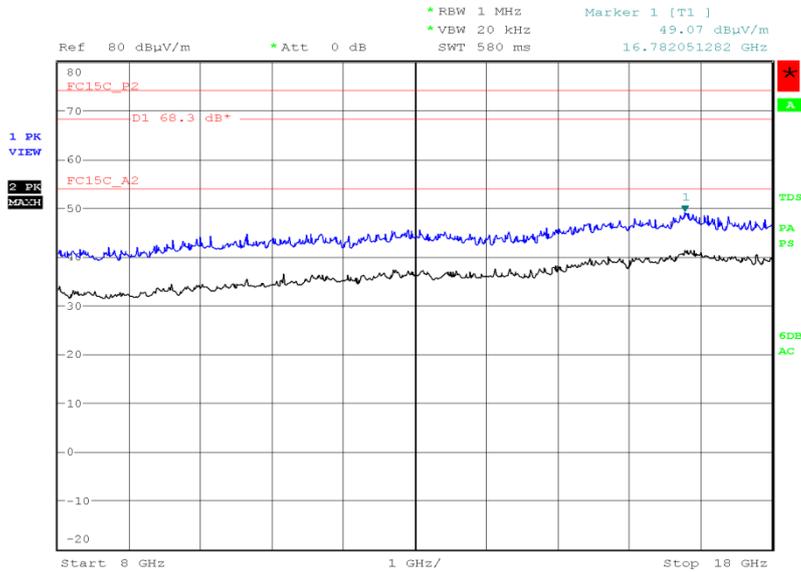
Product Service

802.11a, 5200 MHz, 6 Mbps, 7 GHz to 8 GHz, Frequency Band 1, Spurious Radiated Emissions Plot



Date: 5.APR.2016 21:50:59

802.11a, 5200 MHz, 6 Mbps, 8 GHz to 18 GHz, Frequency Band 1, Spurious Radiated Emissions Plot

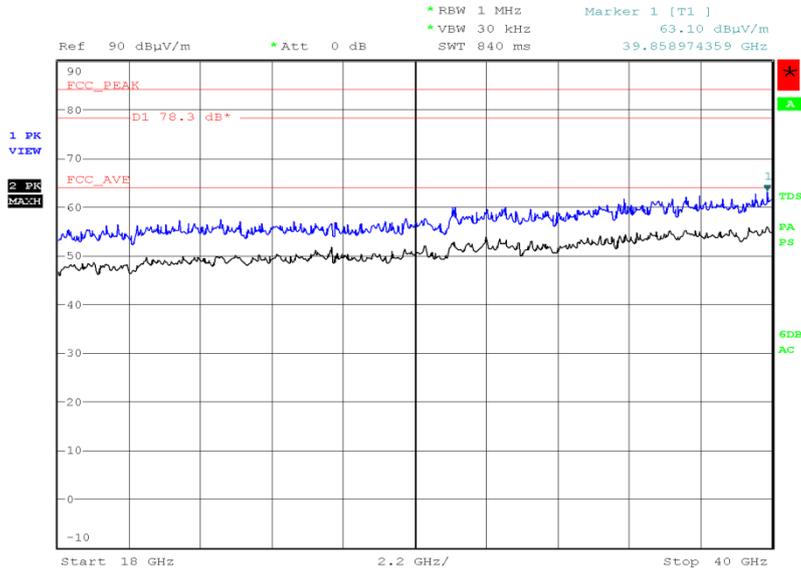


Date: 5.APR.2016 23:26:43



Product Service

802.11a, 5200 MHz, 6 Mbps, 18 GHz to 40 GHz, Frequency Band 1, Spurious Radiated Emissions Plot



Date: 10.APR.2016 15:57:54

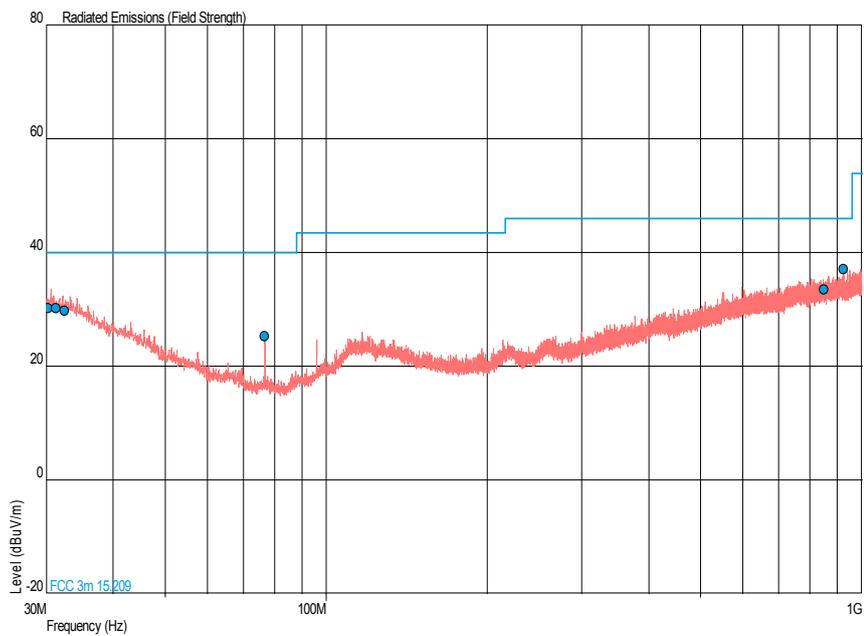


Product Service

**802.11a, 5240 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 1, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.258	30.3	-9.7	32.7	-67.3	101	1.00	Vertical
31.286	30.3	-9.7	32.7	-67.3	74	1.00	Vertical
32.446	29.7	-10.3	30.5	-69.5	292	1.00	Vertical
76.803	25.2	-14.8	18.2	-81.8	118	1.00	Vertical
849.010	33.4	-12.6	46.8	-153.2	38	1.00	Vertical
923.444	37.1	-8.9	71.6	-128.4	335	1.00	Vertical

**802.11a, 5240 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 1, Spurious Radiated Emissions Plot**





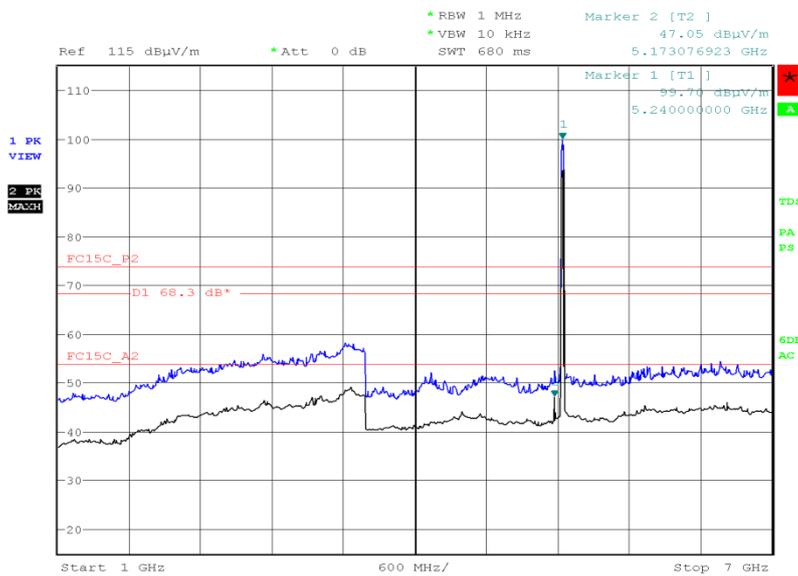
Product Service

802.11a, 5240 MHz, 6 Mbps, 1 GHz to 40 GHz, Frequency Band 1, Spurious Radiated Emissions Results

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

802.11a, 5240 MHz, 6 Mbps, 1 GHz to 7 GHz, Frequency Band 1, Spurious Radiated Emissions Plot

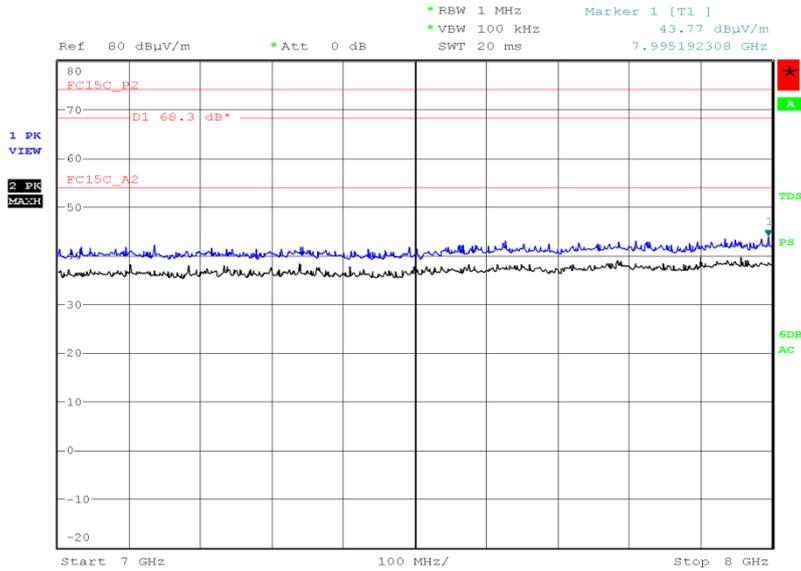


Date: 4.APR.2016 21:22:50



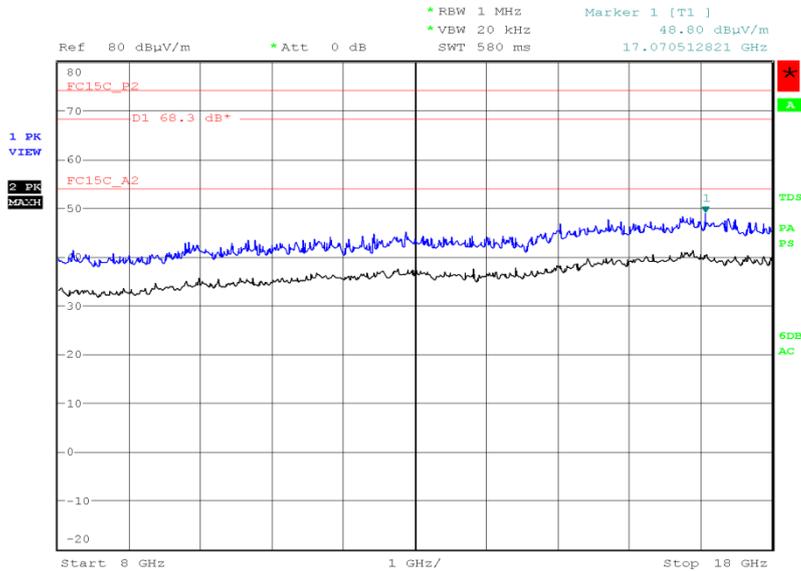
Product Service

802.11a, 5240 MHz, 6 Mbps, 7 GHz to 8 GHz, Frequency Band 1, Spurious Radiated Emissions Plot



Date: 5.APR.2016 21:53:54

802.11a, 5240 MHz, 6 Mbps, 8 GHz to 18 GHz, Frequency Band 1, Spurious Radiated Emissions Plot

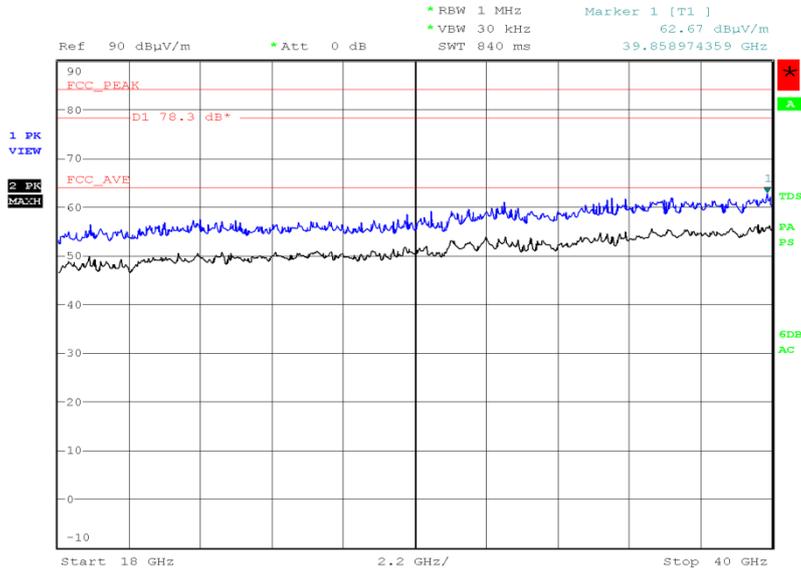


Date: 5.APR.2016 23:34:29



Product Service

802.11a, 5240 MHz, 6 Mbps, 18 GHz to 40 GHz, Frequency Band 1, Spurious Radiated Emissions Plot



Date: 10.APR.2016 16:24:08

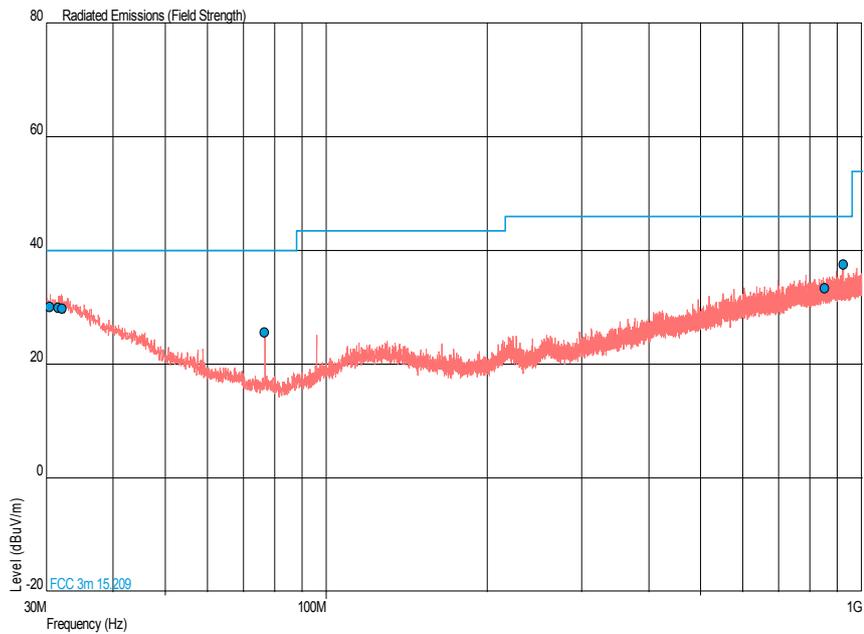


Product Service

**802.11a, 5260 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 2, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.480	30.1	-9.9	32.0	-68.0	219	1.00	Vertical
31.571	29.9	-10.1	31.3	-68.7	196	1.00	Vertical
32.137	29.7	-10.3	30.5	-69.5	78	1.00	Vertical
76.795	25.5	-14.5	18.8	-81.2	198	1.00	Vertical
853.721	33.4	-12.6	46.8	-153.2	80	1.00	Vertical
923.413	37.6	-8.4	75.9	-124.1	114	1.00	Vertical

**802.11a, 5260 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 2, Spurious Radiated Emissions Plot**





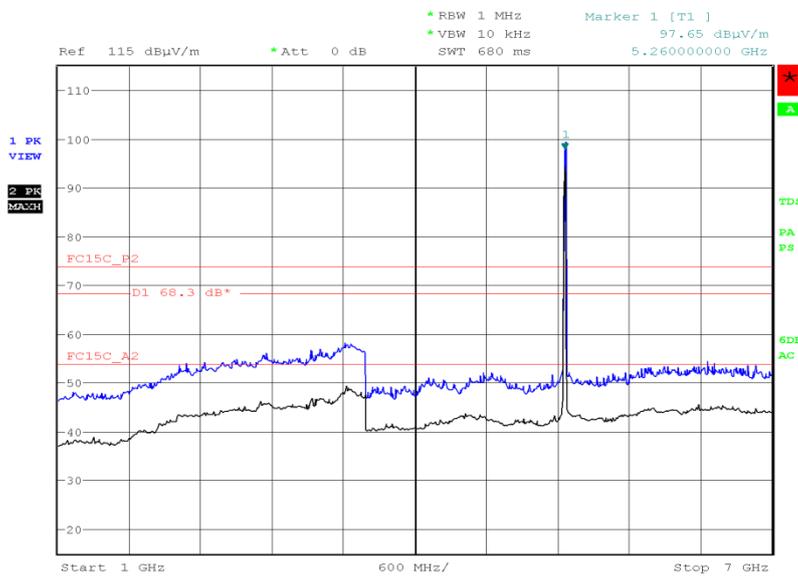
Product Service

802.11a, 5260 MHz, 6 Mbps, 1 GHz to 40 GHz, Frequency Band 2, Spurious Radiated Emissions Results

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

802.11a, 5260 MHz, 6 Mbps, 1 GHz to 7 GHz, Frequency Band 2, Spurious Radiated Emissions Plot

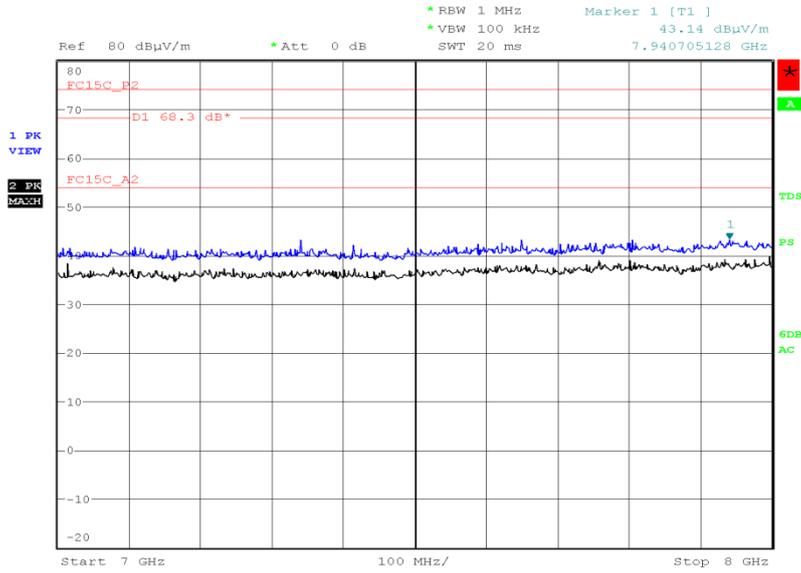


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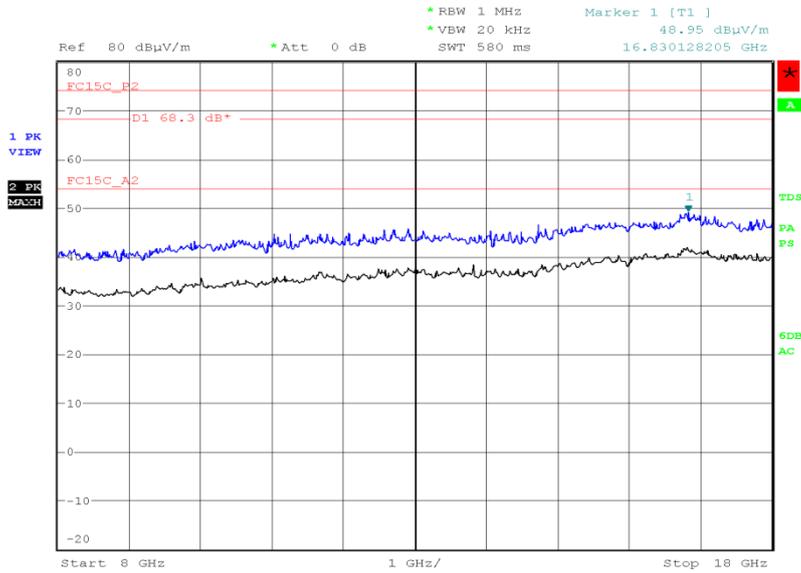
Product Service

802.11a, 5260 MHz, 6 Mbps, 7 GHz to 8 GHz, Frequency Band 2, Spurious Radiated Emissions Plot



Date: 5.APR.2016 21:58:06

802.11a, 5260 MHz, 6 Mbps, 8 GHz to 18 GHz, Frequency Band 2, Spurious Radiated Emissions Plot

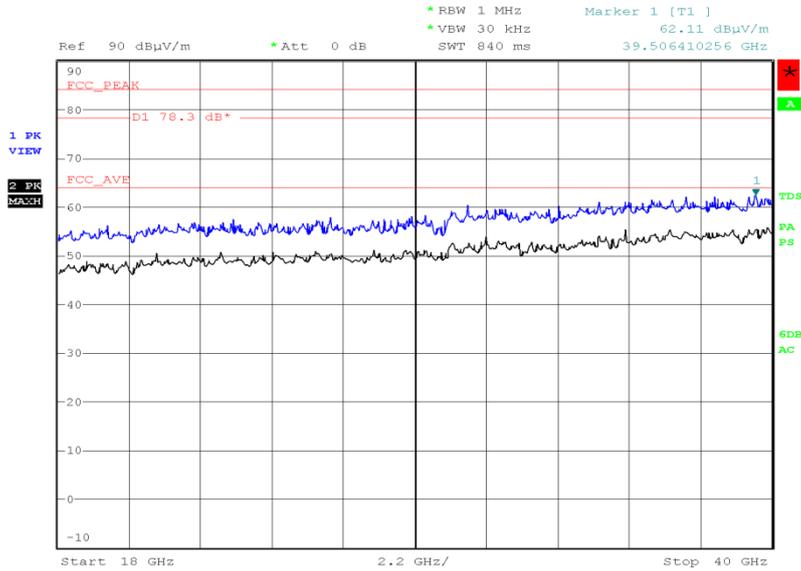


Date: 5.APR.2016 23:43:13



Product Service

802.11a, 5260 MHz, 6 Mbps, 18 GHz to 40 GHz, Frequency Band 2, Spurious Radiated Emissions Plot



Date: 10.APR.2016 16:42:28

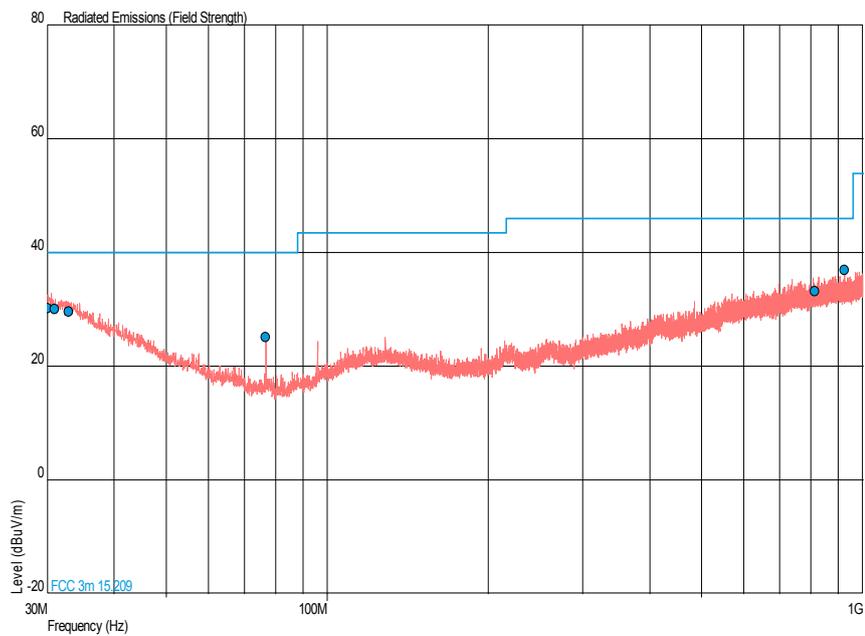


Product Service

**802.11a, 5300 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 2, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.003	30.3	-9.7	32.7	-67.3	94	1.00	Vertical
30.968	30.0	-10.0	31.6	-68.4	36	1.00	Vertical
32.913	29.6	-10.4	30.2	-69.8	113	1.00	Vertical
76.804	25.1	-14.9	18.0	-82.0	239	1.00	Vertical
813.846	33.1	-12.9	45.2	-154.8	2	1.00	Vertical
923.385	36.9	-9.1	70.0	-130.0	19	1.00	Vertical

**802.11a, 5300 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 2, Spurious Radiated Emissions Plot**





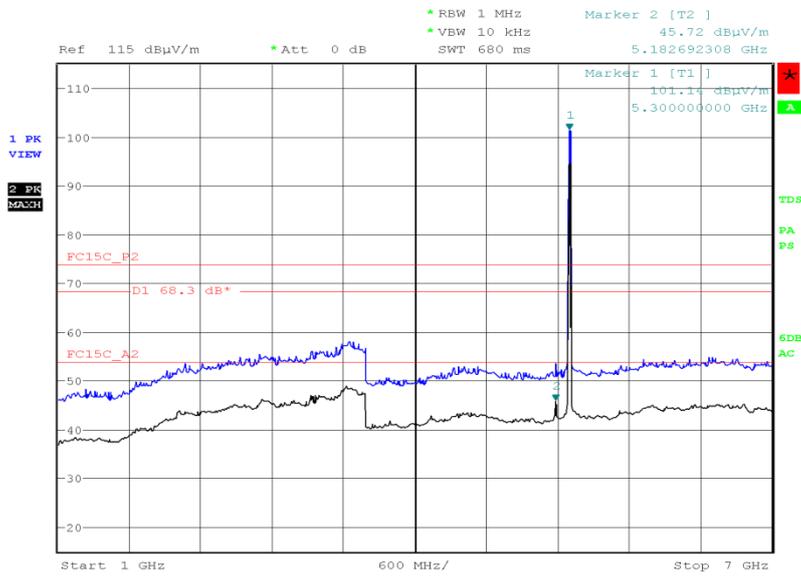
Product Service

802.11a, 5300 MHz, 6 Mbps, 1 GHz to 40 GHz, Frequency Band 2, Spurious Radiated Emissions Results

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

802.11a, 5300 MHz, 6 Mbps, 1 GHz to 7 GHz, Frequency Band 2, Spurious Radiated Emissions Plot

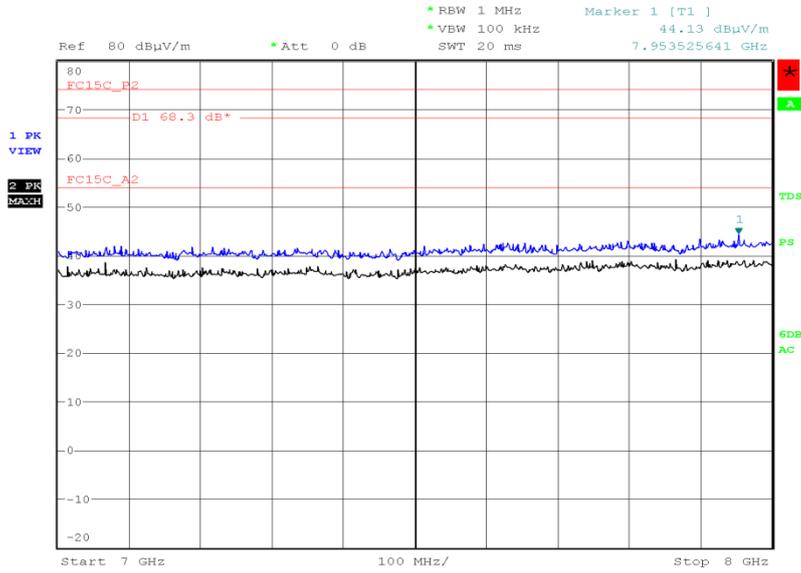


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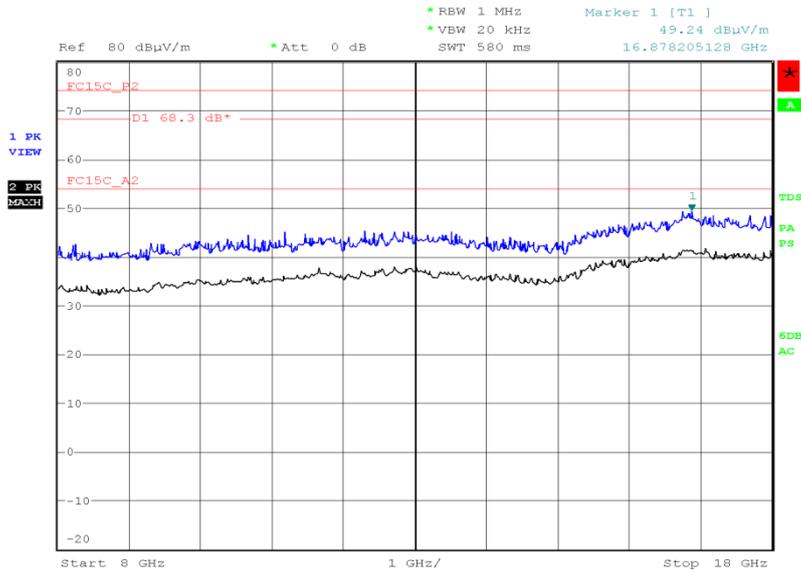
Product Service

802.11a, 5300 MHz, 6 Mbps, 7 GHz to 8 GHz, Frequency Band 2, Spurious Radiated Emissions Plot



Date: 5.APR.2016 22:01:23

802.11a, 5300 MHz, 6 Mbps, 8 GHz to 18 GHz, Frequency Band 2, Spurious Radiated Emissions Plot

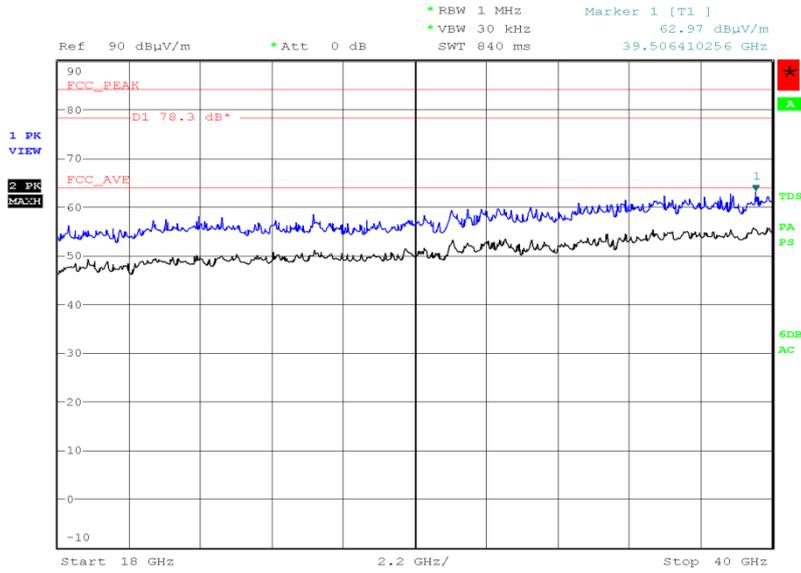


Date: 6.APR.2016 16:52:22



Product Service

802.11a, 5300 MHz, 6 Mbps, 18 GHz to 40 GHz, Frequency Band 2, Spurious Radiated Emissions Plot



Date: 10.APR.2016 17:08:42

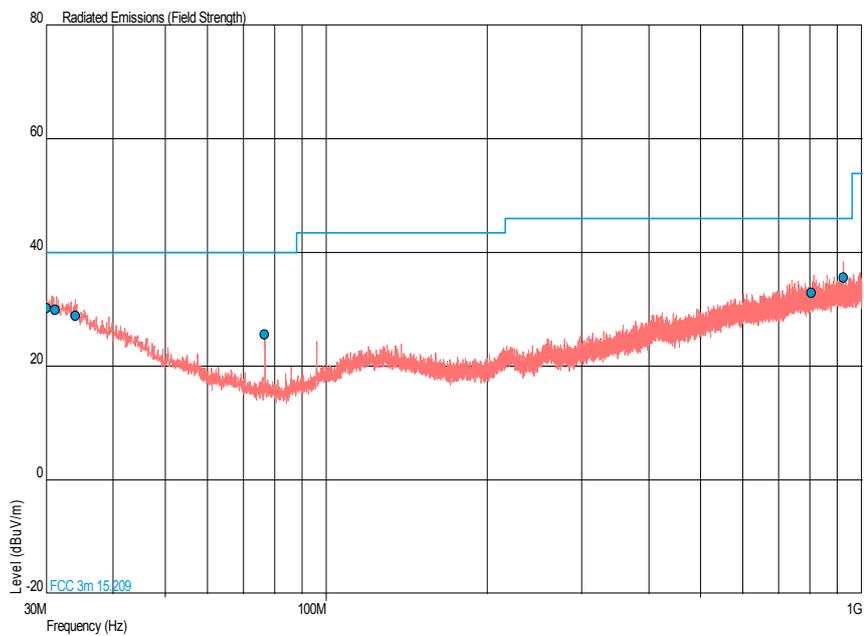


Product Service

**802.11a, 5320 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 2, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.022	30.2	-9.8	32.4	-67.6	309	1.00	Vertical
31.144	30.0	-10.0	31.6	-68.4	317	1.00	Vertical
34.041	28.9	-11.1	27.9	-72.1	0	1.00	Vertical
76.803	25.5	-14.5	18.8	-81.2	201	1.00	Vertical
805.158	32.9	-13.1	44.2	-155.8	4	1.00	Vertical
923.334	35.6	-10.4	60.3	-139.7	211	1.00	Vertical

**802.11a, 5320 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 2, Spurious Radiated Emissions Plot**





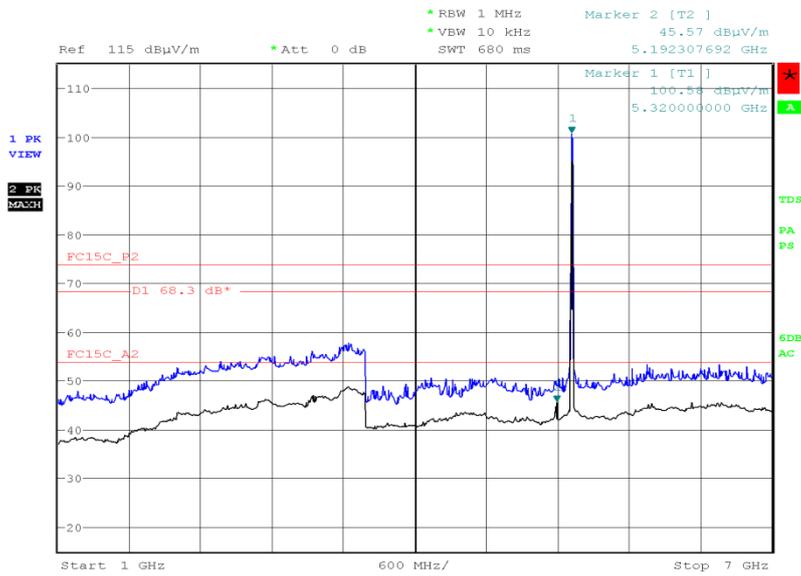
Product Service

802.11a, 5320 MHz, 6 Mbps, 1 GHz to 40 GHz, Frequency Band 2, Spurious Radiated Emissions Results

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

802.11a, 5320 MHz, 6 Mbps, 1 GHz to 7 GHz, Frequency Band 2, Spurious Radiated Emissions Plot

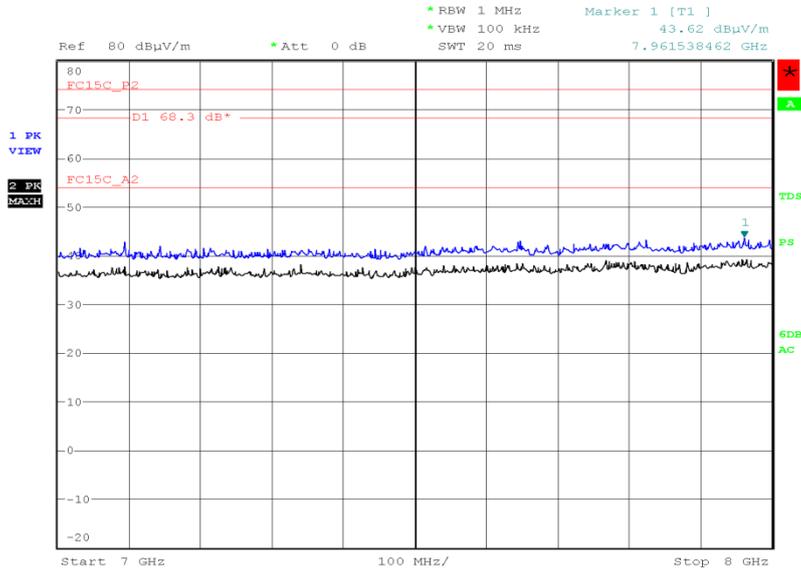


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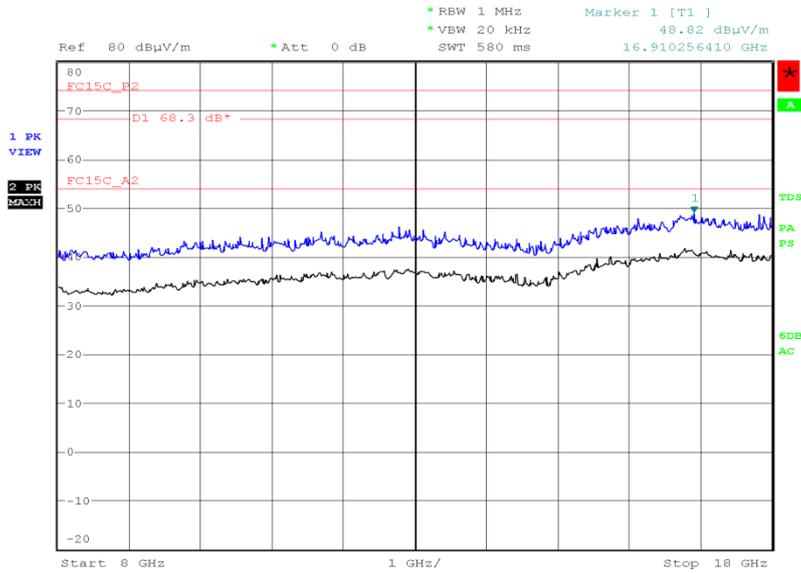
Product Service

802.11a, 5320 MHz, 6 Mbps, 7 GHz to 8 GHz, Frequency Band 2, Spurious Radiated Emissions Plot



Date: 5.APR.2016 22:03:57

802.11a, 5320 MHz, 6 Mbps, 8 GHz to 18 GHz, Frequency Band 2, Spurious Radiated Emissions Plot

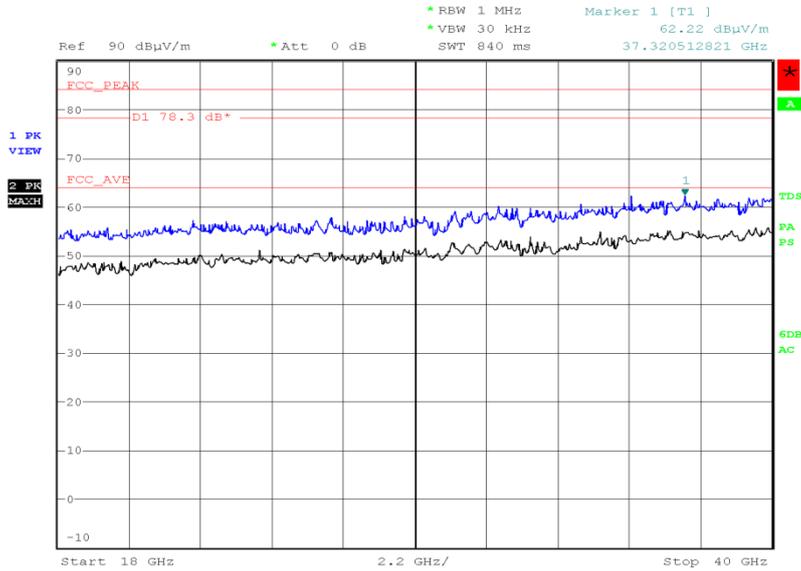


Date: 6.APR.2016 17:11:19



Product Service

802.11a, 5320 MHz, 6 Mbps, 18 GHz to 40 GHz, Frequency Band 2, Spurious Radiated Emissions Plot



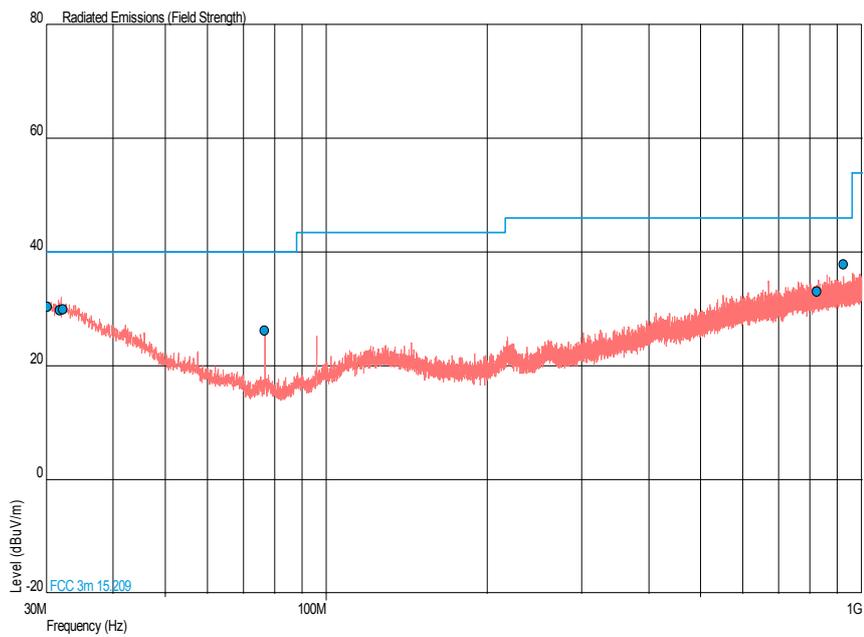
Date: 10.APR.2016 17:48:19



802.11a, 5500 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Results

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.199	30.4	-9.6	33.1	-66.9	20	1.00	Vertical
31.845	29.8	-10.2	30.9	-69.1	360	1.00	Vertical
32.259	29.9	-10.1	31.3	-68.7	137	1.00	Vertical
76.802	26.3	-13.7	20.7	-79.3	103	1.00	Vertical
824.006	33.1	-12.9	45.2	-154.8	208	1.00	Vertical
923.410	37.8	-8.2	77.6	-122.4	158	1.00	Vertical

802.11a, 5500 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Plot





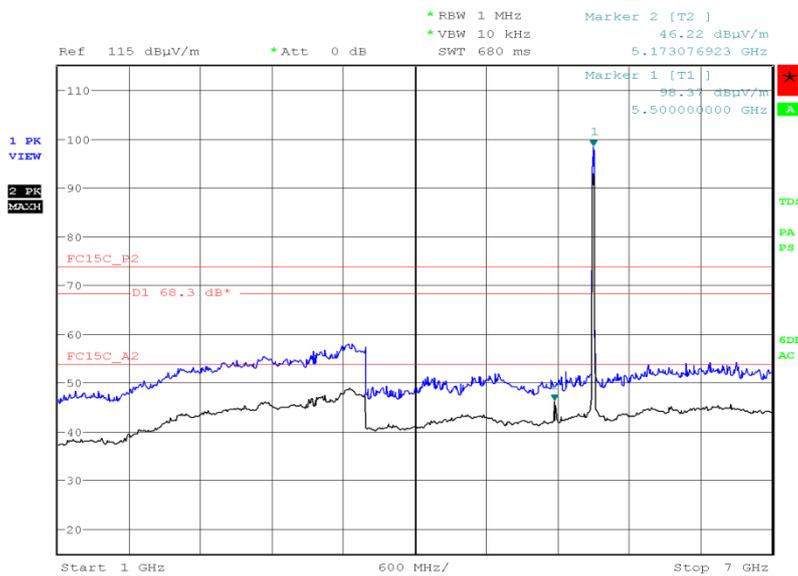
Product Service

802.11a, 5500 MHz, 6 Mbps, 1 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Results

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

802.11a, 5500 MHz, 6 Mbps, 1 GHz to 7 GHz, Frequency Band 3, Spurious Radiated Emissions Plot

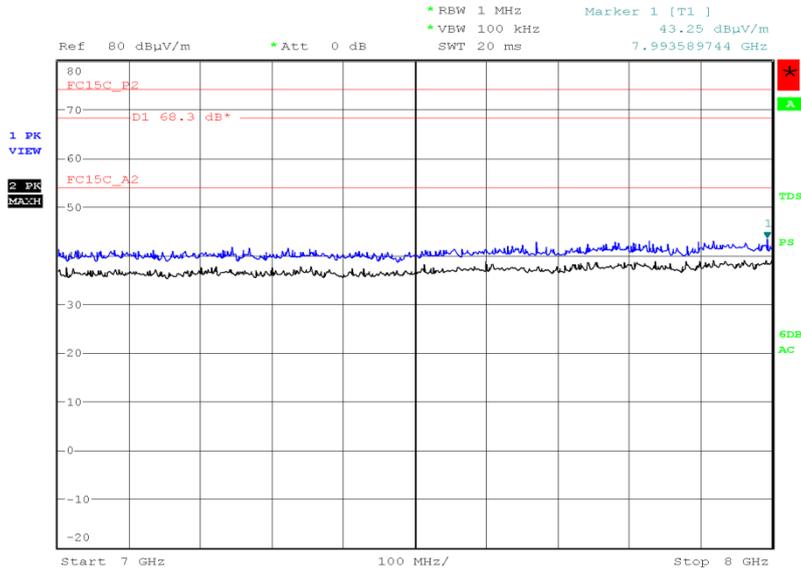


Date: 4.APR.2016 22:39:55



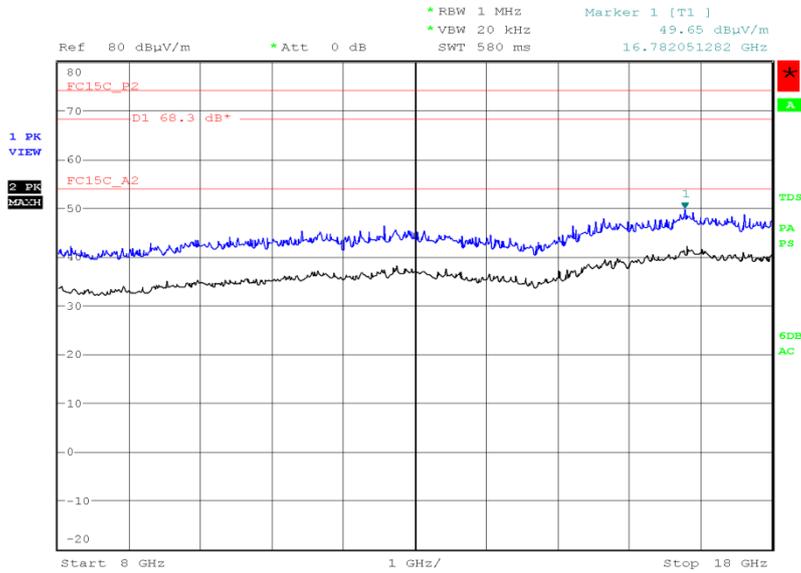
Product Service

802.11a, 5500 MHz, 6 Mbps, 7 GHz to 8 GHz, Frequency Band 3, Spurious Radiated Emissions Plot



Date: 5.APR.2016 22:06:21

802.11a, 5500 MHz, 6 Mbps, 8 GHz to 18 GHz, Frequency Band 3, Spurious Radiated Emissions Plot

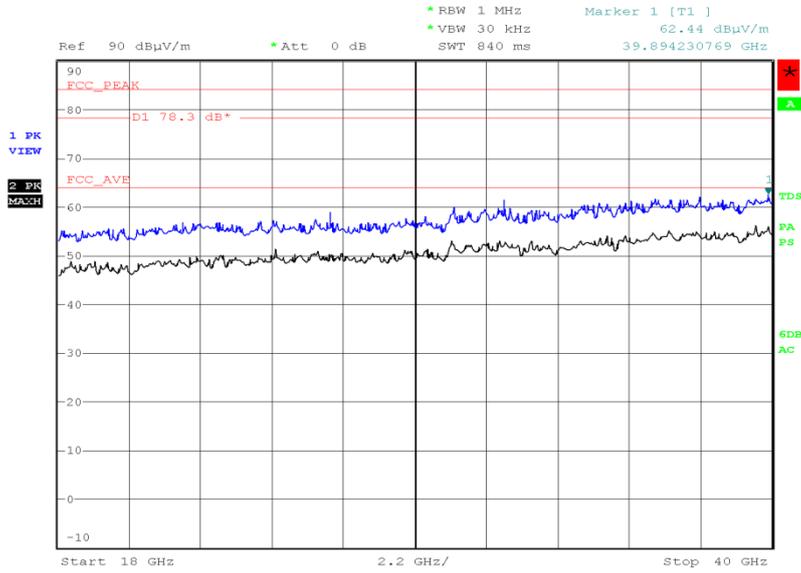


Date: 6.APR.2016 17:21:53



Product Service

802.11a, 5500 MHz, 6 Mbps, 18 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Plot



Date: 10.APR.2016 18:01:49

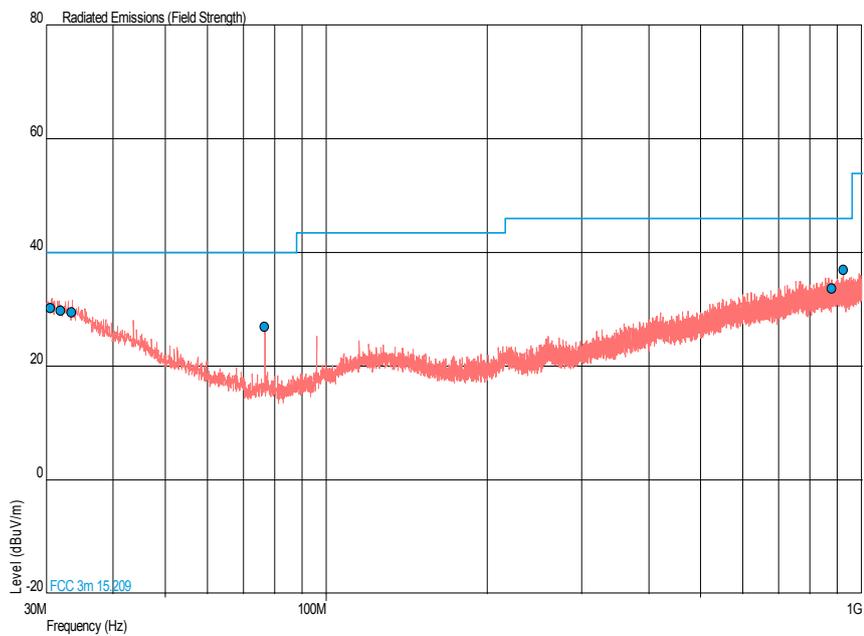


Product Service

**802.11a, 5600 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.510	30.2	-9.8	32.4	-67.6	330	1.00	Vertical
31.963	29.8	-10.2	30.9	-69.1	65	1.00	Vertical
33.472	29.5	-10.5	29.9	-70.1	286	1.00	Vertical
76.797	26.9	-13.1	22.1	-77.9	348	1.00	Vertical
879.371	33.7	-12.3	48.4	-151.6	180	1.00	Vertical
923.414	36.9	-9.1	70.0	-130.0	183	1.00	Vertical

**802.11a, 5600 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**





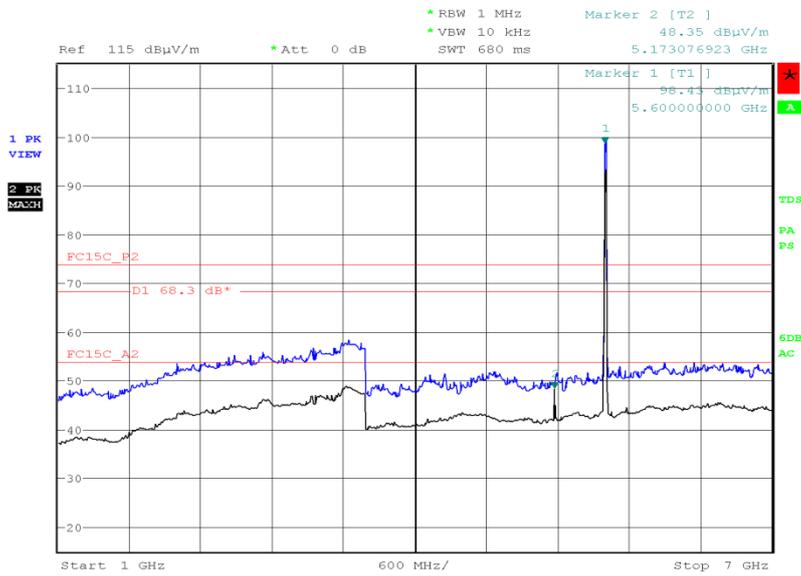
Product Service

802.11a, 5600 MHz, 6 Mbps, 1 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Results

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

802.11a, 5600 MHz, 6 Mbps, 1 GHz to 7 GHz, Frequency Band 3, Spurious Radiated Emissions Plot

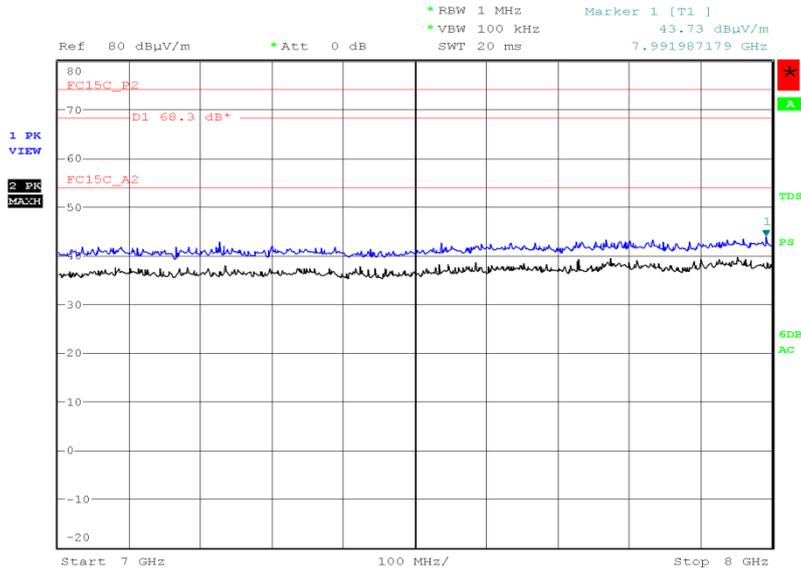


Date: 4.APR.2016 22:51:32



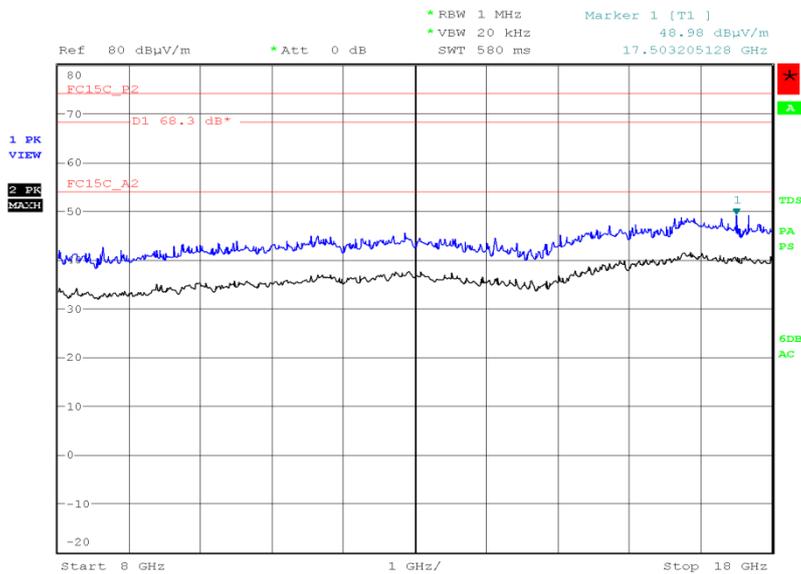
Product Service

802.11a, 5600 MHz, 6 Mbps, 7 GHz to 8 GHz, Frequency Band 3, Spurious Radiated Emissions Plot



Date: 5.APR.2016 22:10:58

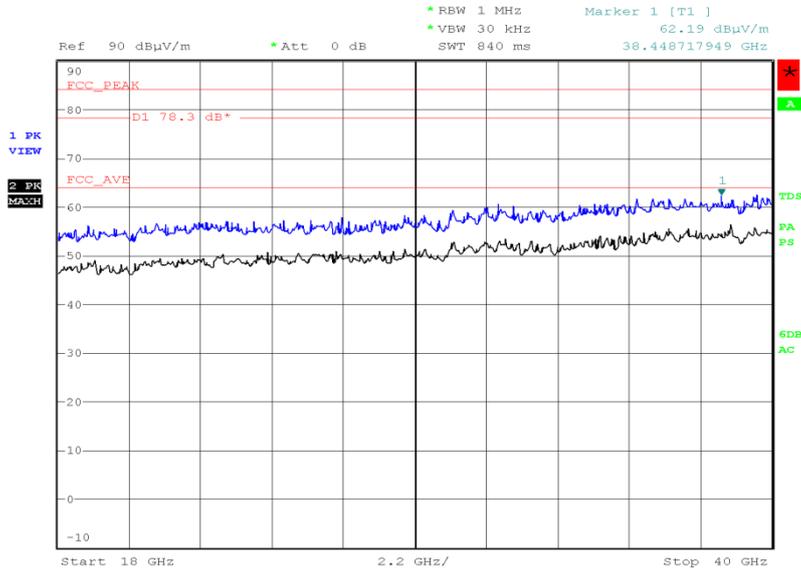
802.11a, 5600 MHz, 6 Mbps, 8 GHz to 18 GHz, Frequency Band 3, Spurious Radiated Emissions Plot



Date: 6.APR.2016 17:29:46



802.11a, 5600 MHz, 6 Mbps, 18 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Plot



Date: 10.APR.2016 18:09:18

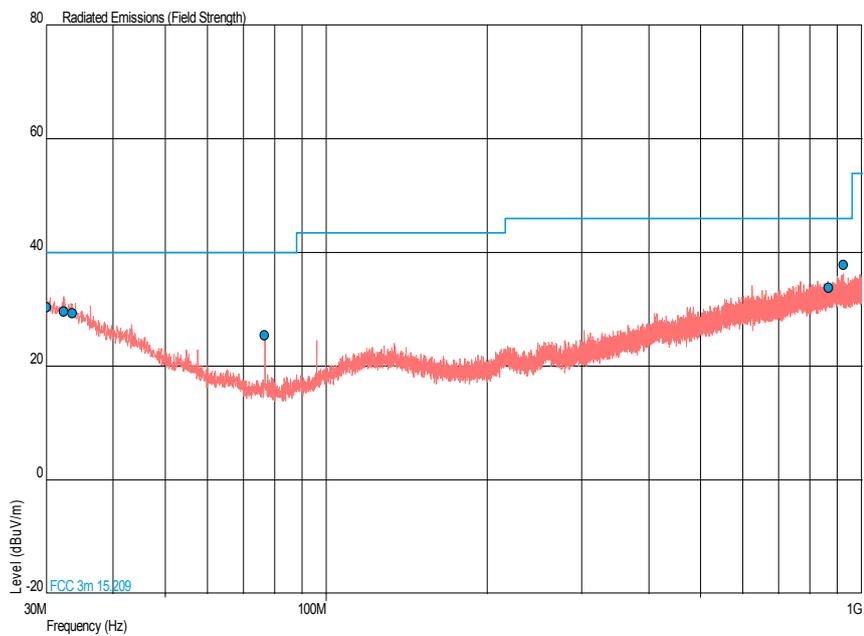


Product Service

**802.11a, 5700 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.000	30.4	-9.6	33.1	-66.9	172	1.00	Vertical
32.342	29.7	-10.3	30.5	-69.5	331	1.00	Vertical
33.532	29.3	-10.7	29.2	-70.8	196	1.00	Vertical
76.801	25.5	-14.5	18.8	-81.2	312	1.00	Vertical
866.379	33.8	-12.2	49.0	-151.0	142	1.00	Vertical
923.414	37.8	-8.2	77.6	-122.4	265	1.00	Vertical

**802.11a, 5700 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**





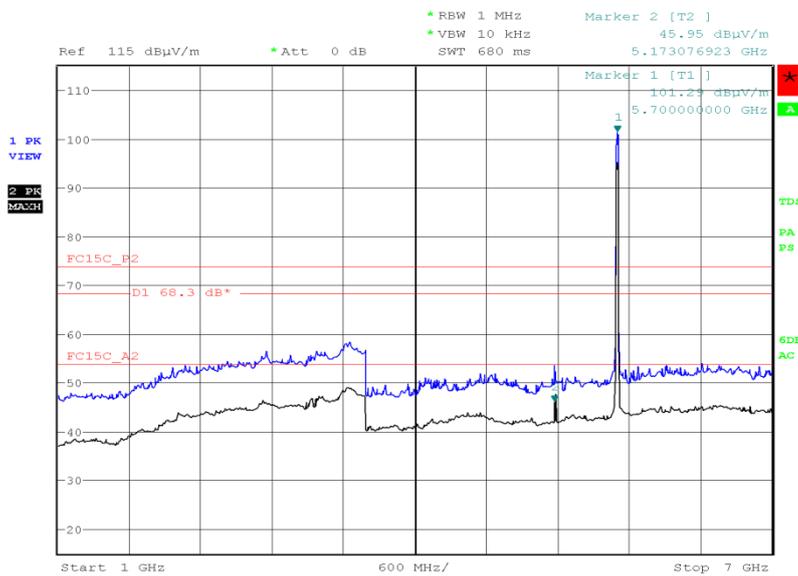
Product Service

802.11a, 5700 MHz, 6 Mbps, 1 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Results

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

802.11a, 5700 MHz, 6 Mbps, 1 GHz to 7 GHz, Frequency Band 3, Spurious Radiated Emissions Plot

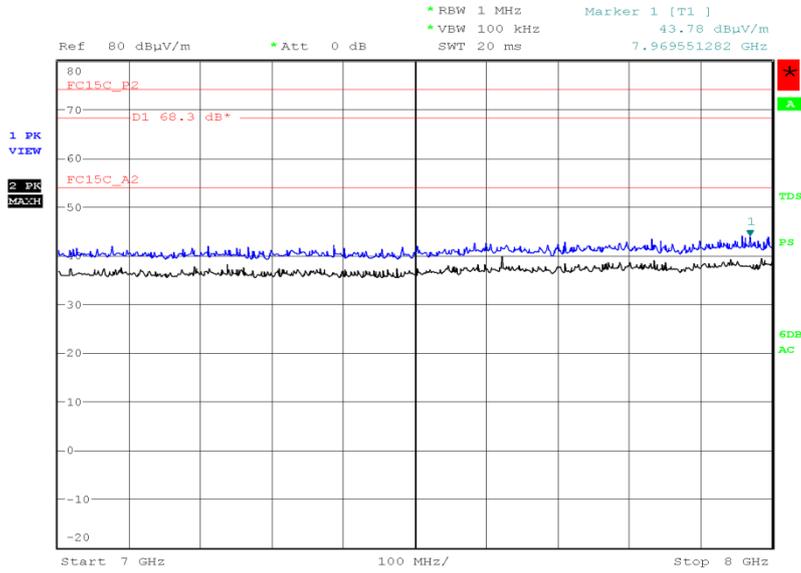


Date: 4.APR.2016 23:13:12



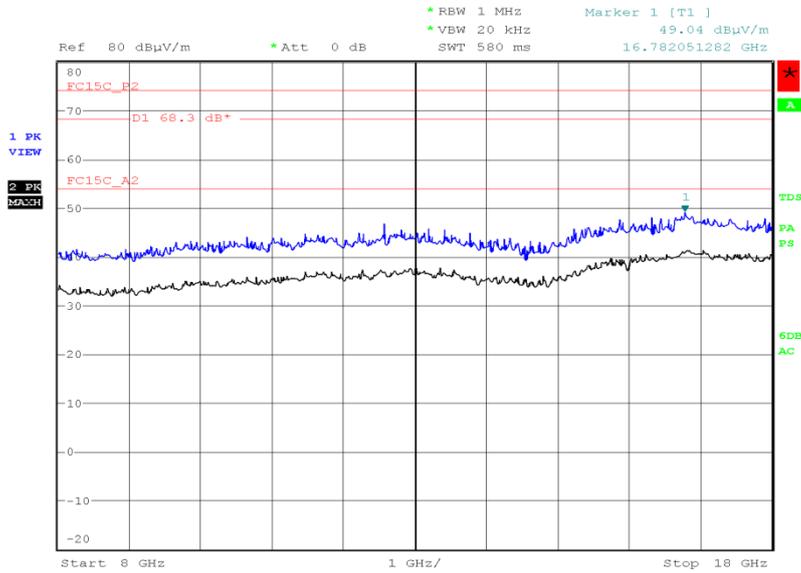
Product Service

802.11a, 5700 MHz, 6 Mbps, 7 GHz to 8 GHz, Frequency Band 3, Spurious Radiated Emissions Plot



Date: 5.APR.2016 22:13:47

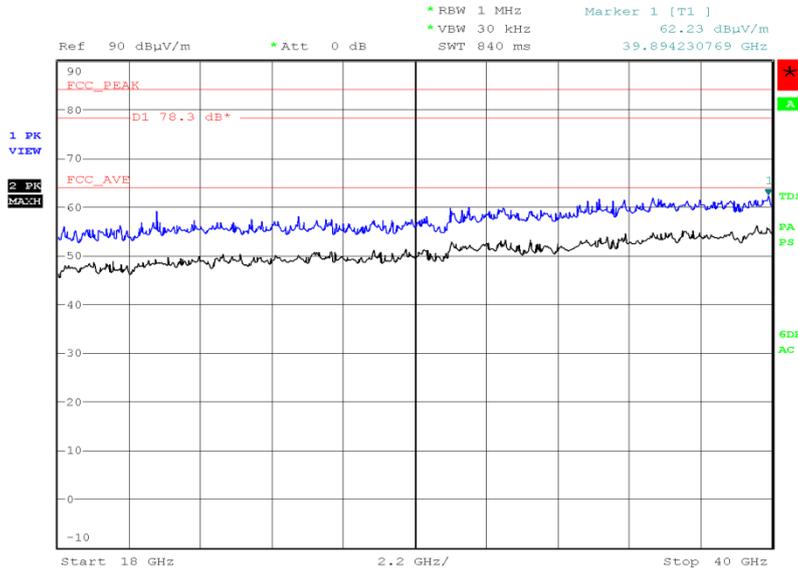
802.11a, 5700 MHz, 6 Mbps, 8 GHz to 18 GHz, Frequency Band 3, Spurious Radiated Emissions Plot



Date: 6.APR.2016 17:38:17



**802.11a, 5700 MHz, 6 Mbps, 18 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**



Date: 10.APR.2016 18:23:16

**FCC 47 CFR Part 15, Limit Clause 15.407 (b)(1)(2)(3)(4)(6)(7)**

Outside the 5.15 GHz to 5.35 GHz band	-27 dBm/MHz
Outside the 5.25 GHz to 5.35 GHz band	-27 dBm/MHz
Outside the 5.47 GHz to 5.725 GHz band	-27 dBm/MHz
5.715 GHz to 5.725 GHz and 5.850 GHz to 5.860 GHz band	-17 dBm/MHz
Outside the 5.715 GHz to 5.860 GHz band	-27 dBm/MHz

**FCC 47 CFR Part 15, Limit Clause 15.205**

	Peak (dBμV/m)	Average (dBμV/m)
Restricted Bands of Operation	74	54

**FCC 47 CFR Part 15, Limit Clause 15.209**

Frequency (MHz)	Field Strength			Measurement Distance (m)
	(μV/m)	Average (dBμV/m)	Peak (dBμV/m)	
30-88	100	40.0	60.0	3
88-216	150	43.5	63.5	3
216-960	200	46.0	66.0	3
Above 960	500	54.0	74.0	3



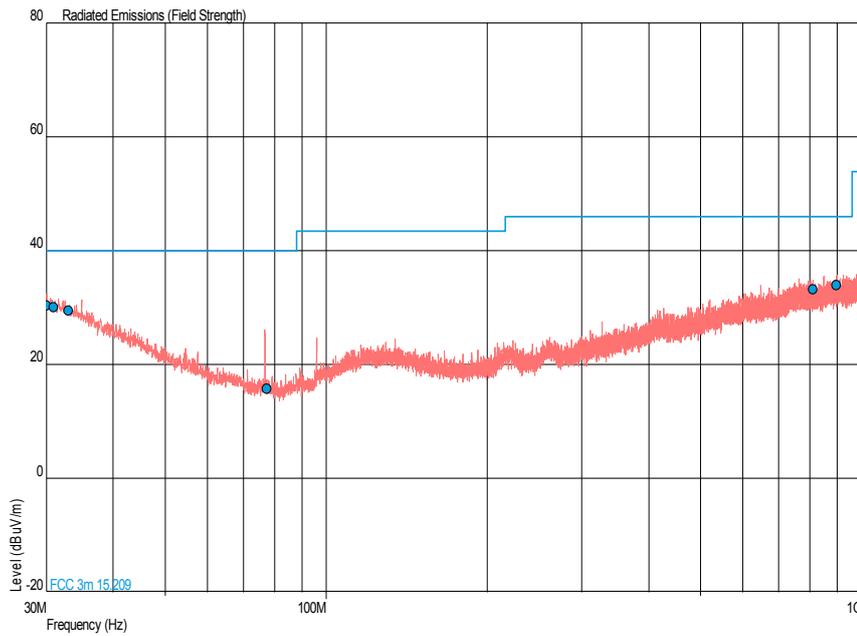
Product Service

4.0 V DC Supply

802.11ac - 5 GHz 40 MHz Bandwidth, 5190 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 1, Spurious Radiated Emissions Results

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.097	30.3	-9.7	32.7	-67.3	0	1.00	Vertical
31.019	30.0	-10.0	31.6	-68.4	180	1.00	Vertical
33.056	29.5	-10.5	29.9	-70.1	180	1.00	Vertical
77.568	15.7	-24.3	6.1	-93.9	180	1.00	Vertical
810.996	33.2	-12.8	45.7	-154.3	180	1.00	Vertical
897.277	34.0	-12.0	50.1	-149.9	0	1.00	Vertical

802.11ac - 5 GHz 40 MHz Bandwidth, 5190 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 1, Spurious Radiated Emissions Plot





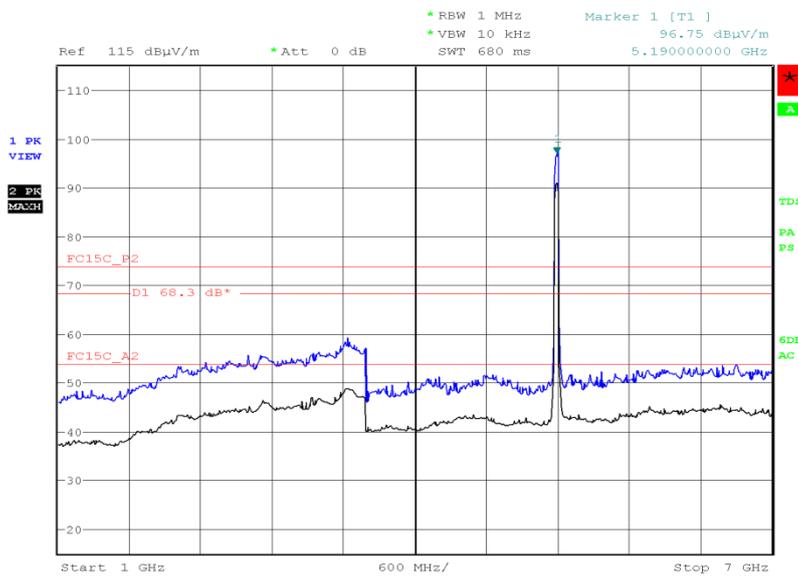
Product Service

**802.11ac - 5 GHz 40 MHz Bandwidth, 5190 MHz, MCS0, 1 GHz to 40 GHz, Frequency Band 1, Spurious Radiated Emissions Results**

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

**802.11ac - 5 GHz 40 MHz Bandwidth, 5190 MHz, MCS0, 1 GHz to 7 GHz, Frequency Band 1, Spurious Radiated Emissions Plot**

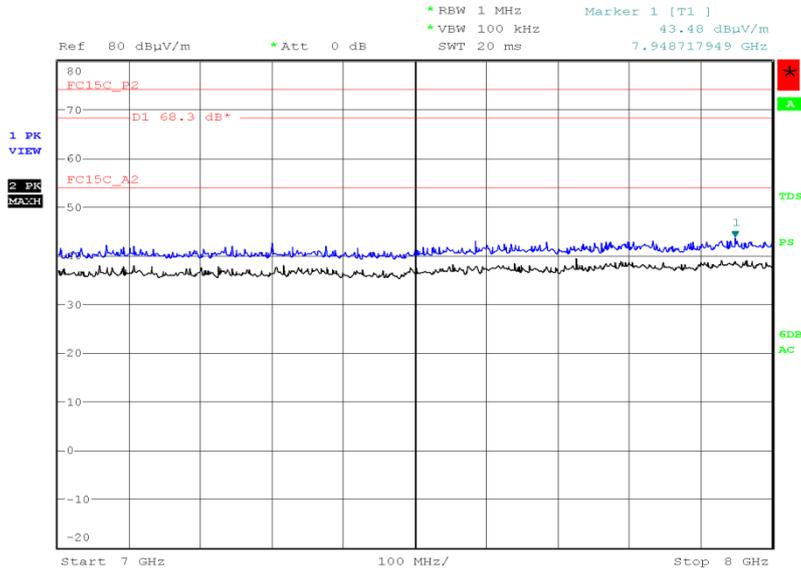


Date: 5.APR.2016 18:47:45



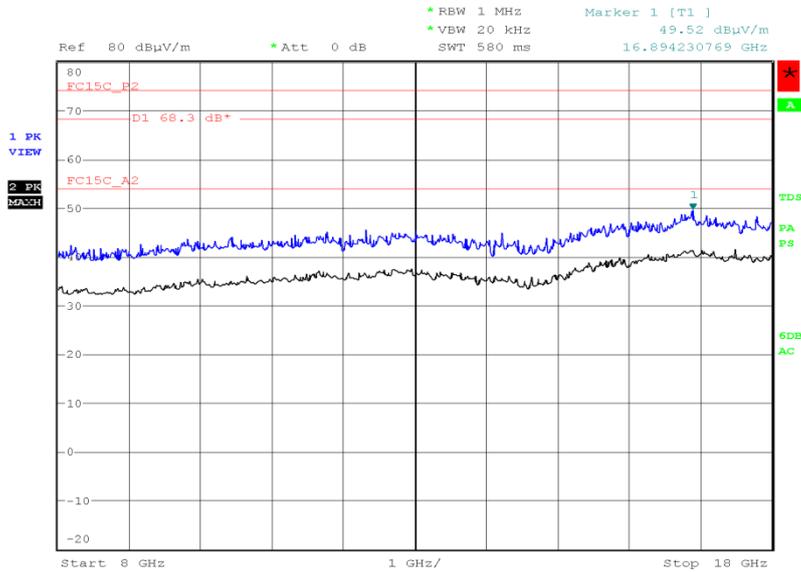
Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5190 MHz, MCS0, 7 GHz to 8 GHz, Frequency Band 1, Spurious Radiated Emissions Plot



Date: 5.APR.2016 22:38:39

802.11ac - 5 GHz 40 MHz Bandwidth, 5190 MHz, MCS0, 8 GHz to 18 GHz, Frequency Band 1, Spurious Radiated Emissions Plot

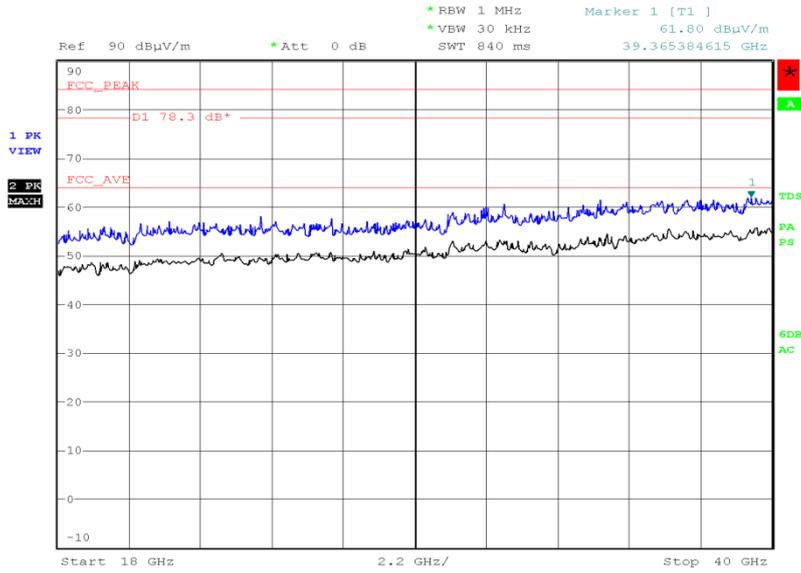


Date: 6.APR.2016 18:57:19



Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5190 MHz, MCS0, 18 GHz to 40 GHz, Frequency Band 1, Spurious Radiated Emissions Plot



Date: 10.APR.2016 21:09:22

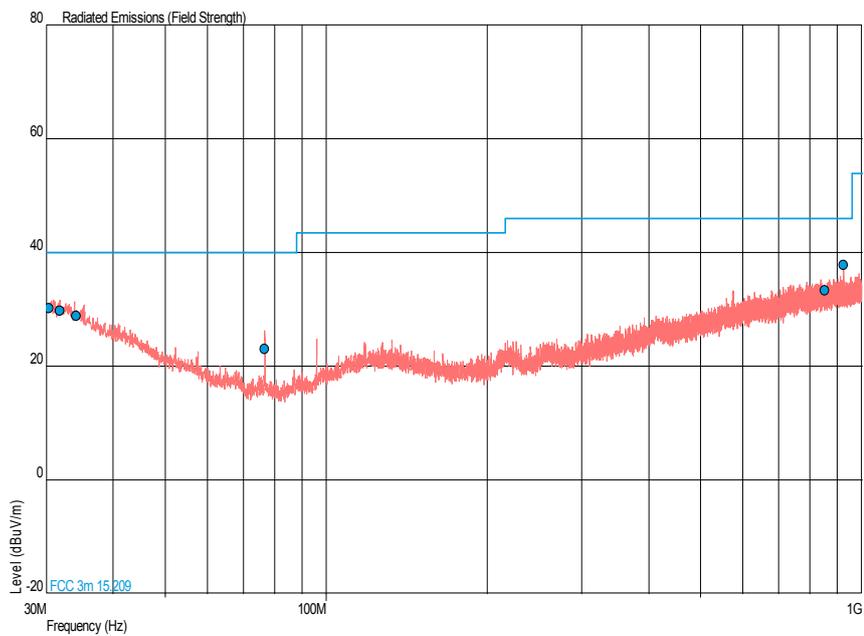


Product Service

**802.11ac - 5 GHz 40 MHz Bandwidth, 5230 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 1, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.388	30.2	-9.8	32.4	-67.6	0	1.00	Vertical
31.843	29.8	-10.2	30.9	-69.1	0	1.00	Vertical
34.123	28.9	-11.1	27.9	-72.1	0	1.00	Vertical
76.754	23.1	-16.9	14.3	-85.7	0	1.00	Vertical
852.665	33.4	-12.6	46.8	-153.2	0	1.00	Vertical
923.467	37.8	-8.2	77.6	-122.4	0	1.00	Vertical

**802.11ac - 5 GHz 40 MHz Bandwidth, 5230 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 1, Spurious Radiated Emissions Plot**





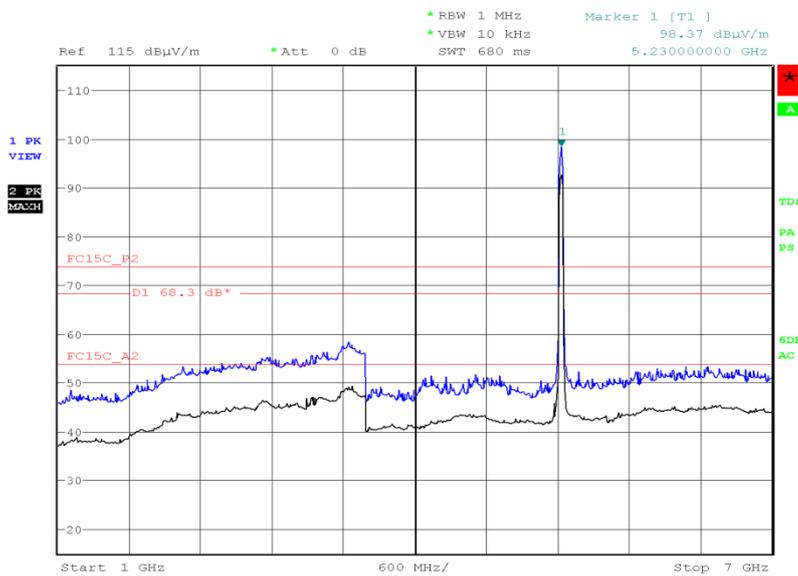
Product Service

**802.11ac - 5 GHz 40 MHz Bandwidth, 5230 MHz, MCS0, 1 GHz to 40 GHz, Frequency Band 1, Spurious Radiated Emissions Results**

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

**802.11ac - 5 GHz 40 MHz Bandwidth, 5230 MHz, MCS0, 1 GHz to 7 GHz, Frequency Band 1, Spurious Radiated Emissions Plot**

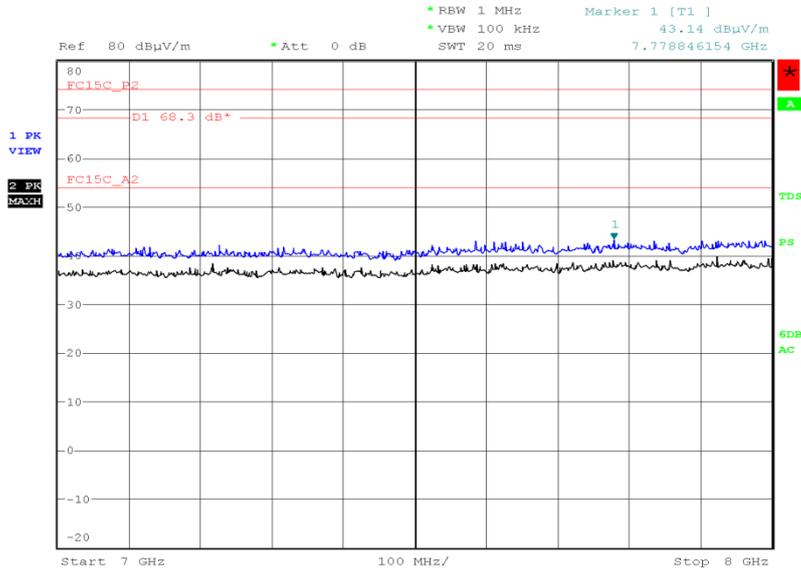


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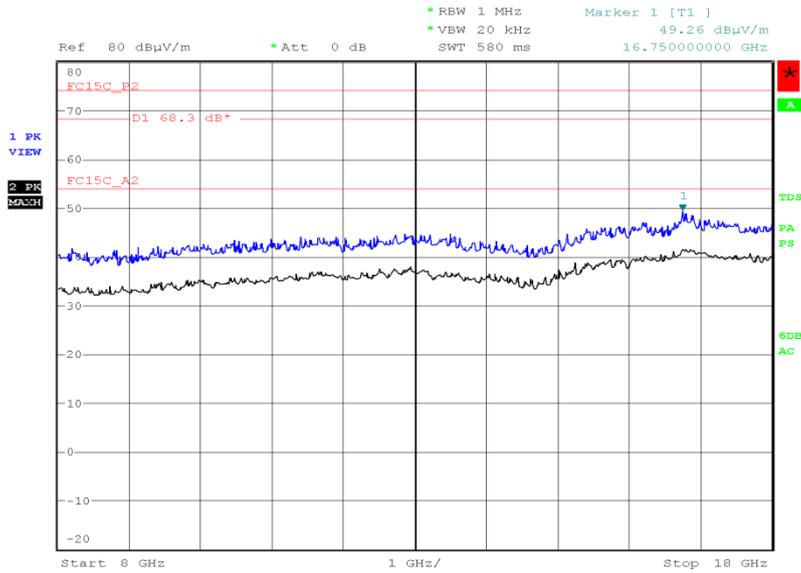
Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5230 MHz, MCS0, 7 GHz to 8 GHz, Frequency Band 1, Spurious Radiated Emissions Plot



Date: 5.APR.2016 22:41:39

802.11ac - 5 GHz 40 MHz Bandwidth, 5230 MHz, MCS0, 8 GHz to 18 GHz, Frequency Band 1, Spurious Radiated Emissions Plot

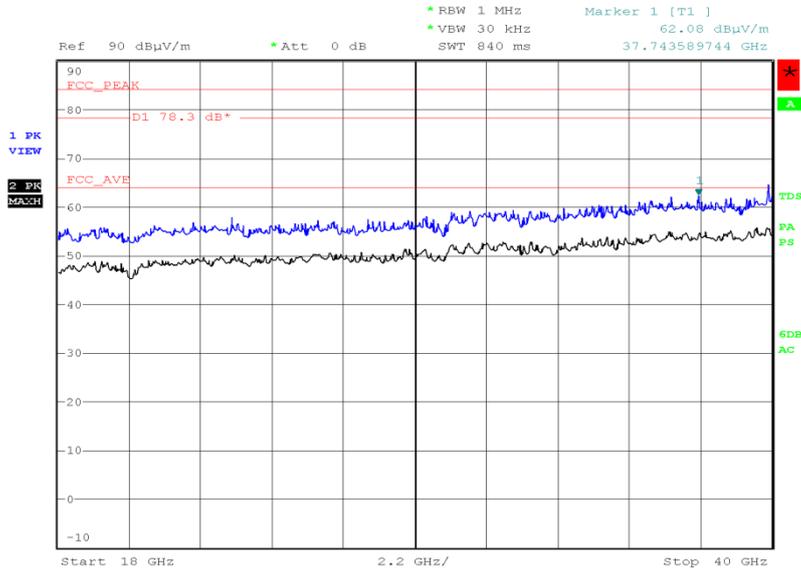


Date: 6.APR.2016 19:05:52



Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5230 MHz, MCS0, 18 GHz to 40 GHz, Frequency Band 1, Spurious Radiated Emissions Plot



Date: 10.APR.2016 21:19:54

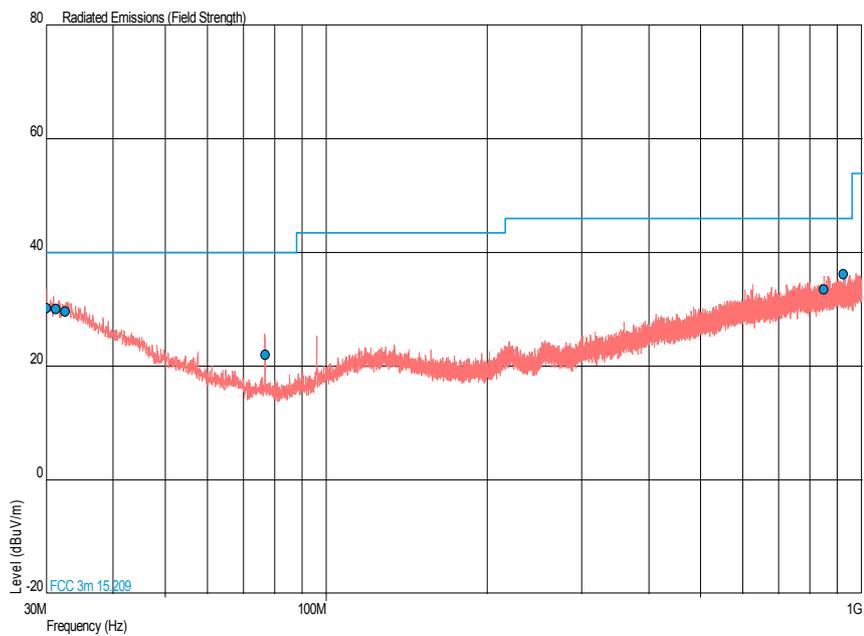


Product Service

**802.11ac - 5 GHz 40 MHz Bandwidth, 5270 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 2, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.049	30.3	9.7	32.7	-67.3	0	1.00	Vertical
31.310	30.1	-9.9	32.0	-68.0	180	1.00	Vertical
32.522	29.6	-10.4	30.2	-69.8	0	1.00	Vertical
76.851	22.0	-18.0	12.6	-87.4	0	1.00	Vertical
849.844	33.5	-12.5	47.3	-152.7	180	1.00	Vertical
923.370	36.2	-9.8	64.6	-135.4	0	1.00	Vertical

**802.11ac - 5 GHz 40 MHz Bandwidth, 5270 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 2, Spurious Radiated Emissions Plot**





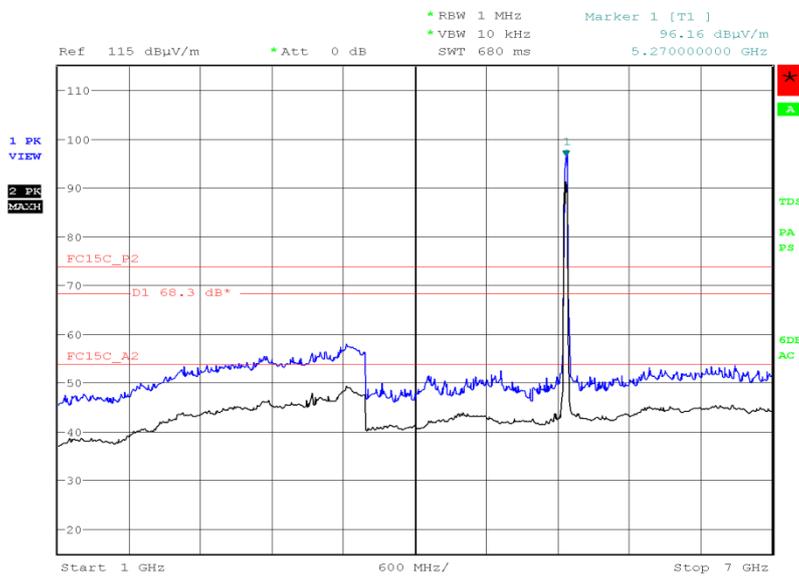
Product Service

**802.11ac - 5 GHz 40 MHz Bandwidth, 5270 MHz, MCS0, 1 GHz to 40 GHz, Frequency Band 2, Spurious Radiated Emissions Results**

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

**802.11ac - 5 GHz 40 MHz Bandwidth, 5270 MHz, MCS0, 1 GHz to 7 GHz, Frequency Band 2, Spurious Radiated Emissions Plot**

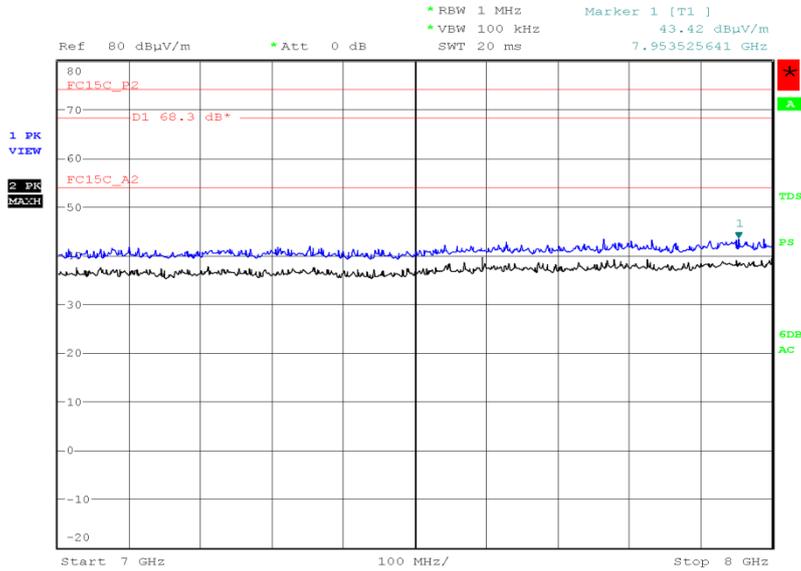


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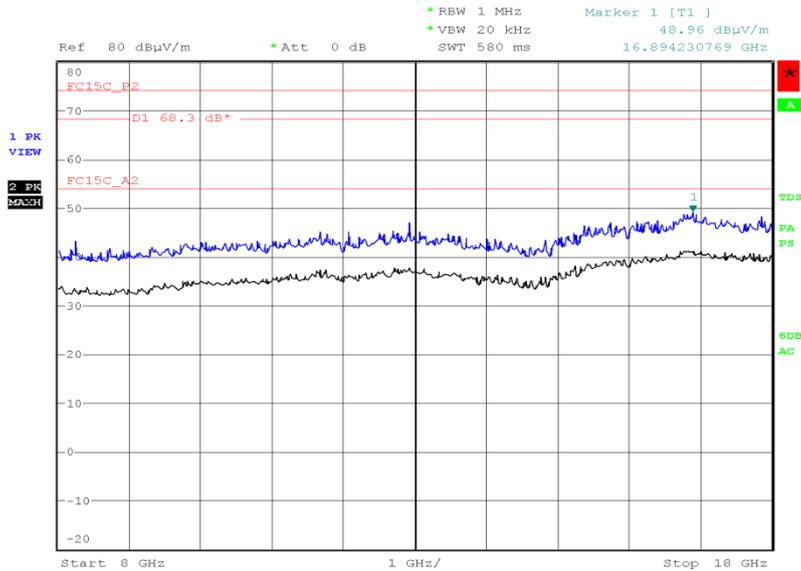
Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5270 MHz, MCS0, 7 GHz to 8 GHz, Frequency Band 2, Spurious Radiated Emissions Plot



Date: 5.APR.2016 22:44:46

802.11ac - 5 GHz 40 MHz Bandwidth, 5270 MHz, MCS0, 8 GHz to 18 GHz, Frequency Band 2, Spurious Radiated Emissions Plot

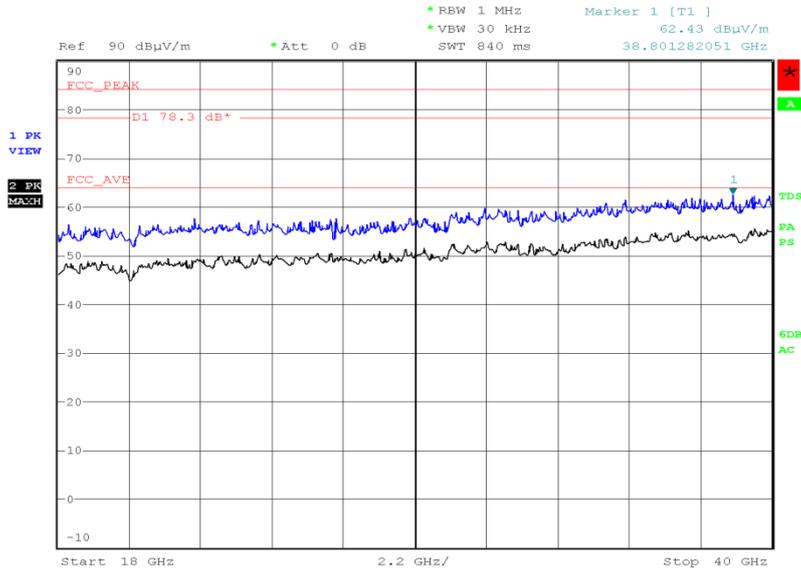


Date: 6.APR.2016 19:14:12



Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5270 MHz, MCS0, 18 GHz to 40 GHz, Frequency Band 2, Spurious Radiated Emissions Plot



Date: 10.APR.2016 21:35:25

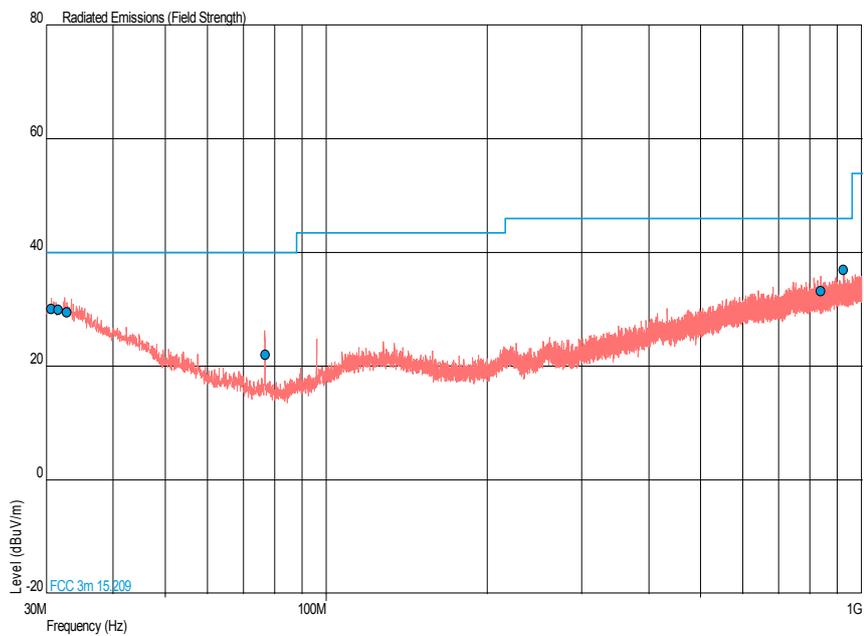


Product Service

**802.11ac - 5 GHz 40 MHz Bandwidth, 5310 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 2, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.679	30.1	-9.9	32.0	-68.0	180	1.00	Vertical
31.601	29.9	-10.1	31.3	-68.7	180	1.00	Vertical
32.813	29.5	-10.5	29.9	-70.1	0	1.00	Vertical
76.851	22.0	-18.0	12.6	-87.4	180	1.00	Vertical
838.786	33.3	-12.7	46.2	-153.8	0	1.00	Vertical
923.467	36.9	-9.1	70.0	-130.0	180	1.00	Vertical

**802.11ac - 5 GHz 40 MHz Bandwidth, 5310 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 2, Spurious Radiated Emissions Plot**





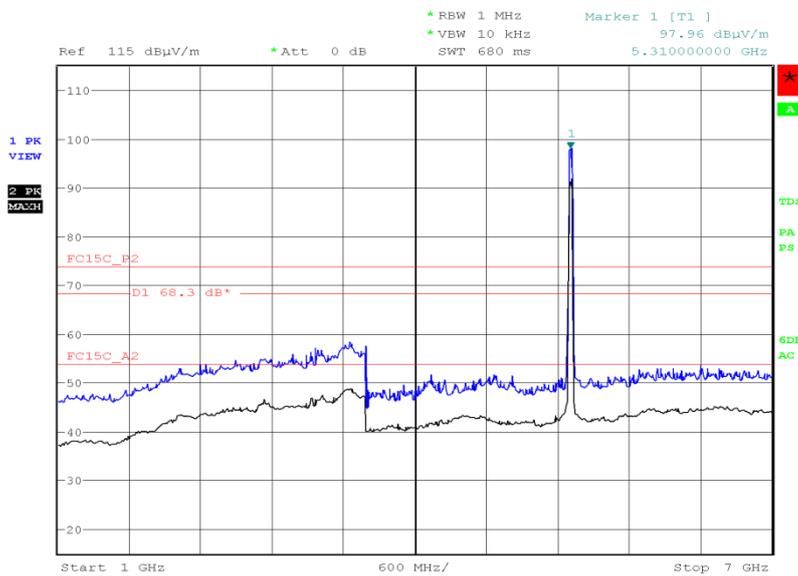
Product Service

**802.11ac - 5 GHz 40 MHz Bandwidth, 5310 MHz, MCS0, 1 GHz to 40 GHz, Frequency Band 2, Spurious Radiated Emissions Results**

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

**802.11ac - 5 GHz 40 MHz Bandwidth, 5310 MHz, MCS0, 1 GHz to 7 GHz, Frequency Band 2, Spurious Radiated Emissions Plot**

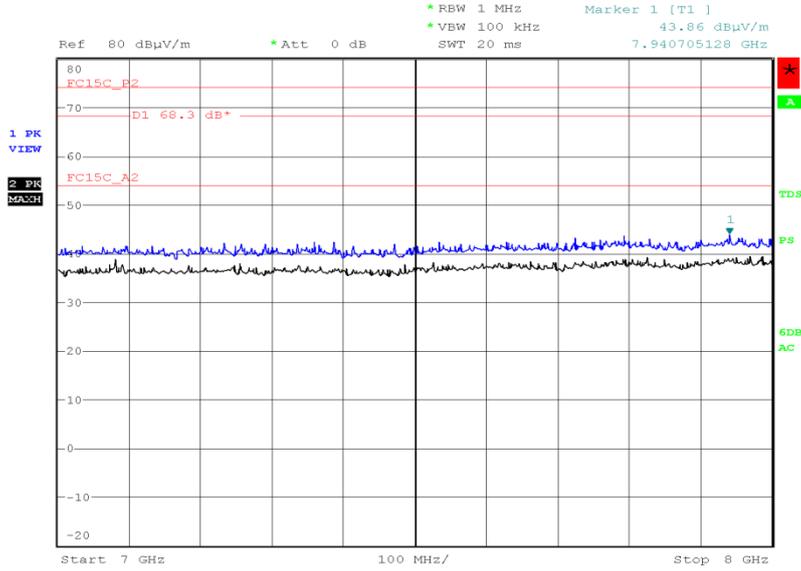


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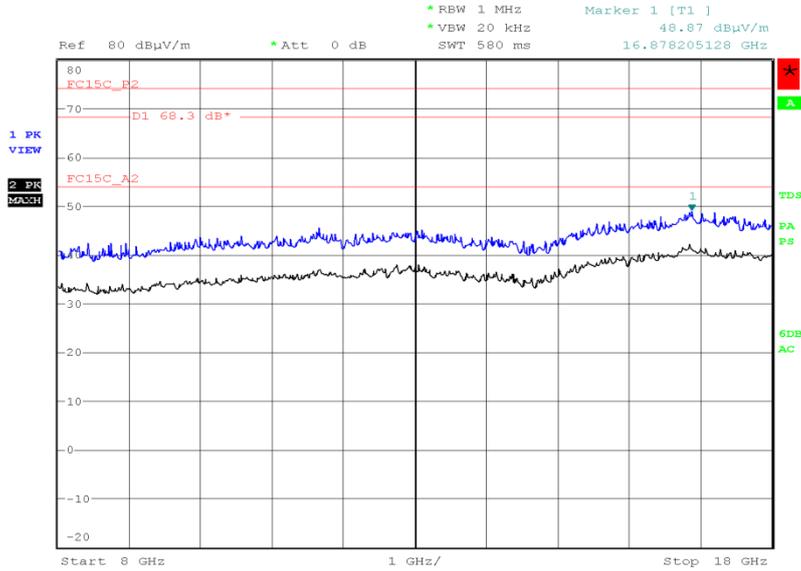
Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5310 MHz, MCS0, 7 GHz to 8 GHz, Frequency Band 2, Spurious Radiated Emissions Plot



Date: 5.APR.2016 22:47:49

802.11ac - 5 GHz 40 MHz Bandwidth, 5310 MHz, MCS0, 8 GHz to 18 GHz, Frequency Band 2, Spurious Radiated Emissions Plot

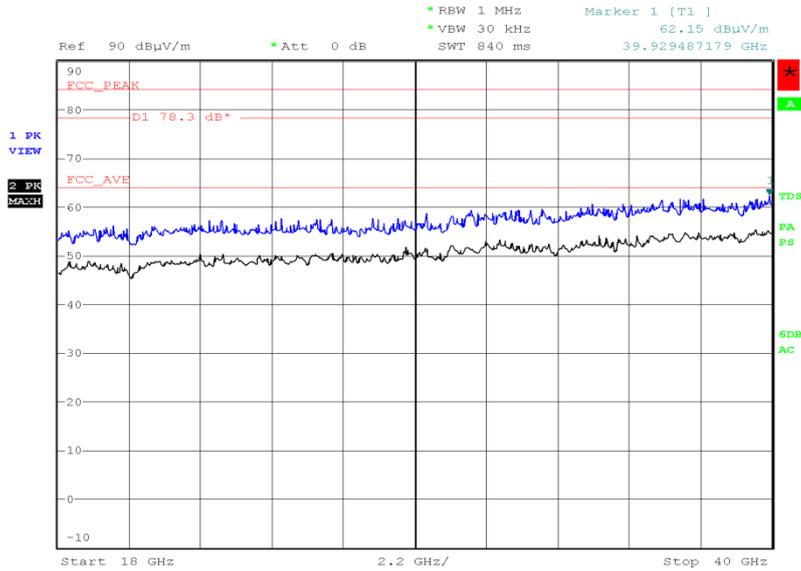


Date: 6.APR.2016 19:22:02



Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5310 MHz, MCS0, 18 GHz to 40 GHz, Frequency Band 2, Spurious Radiated Emissions Plot



Date: 10.APR.2016 21:49:32

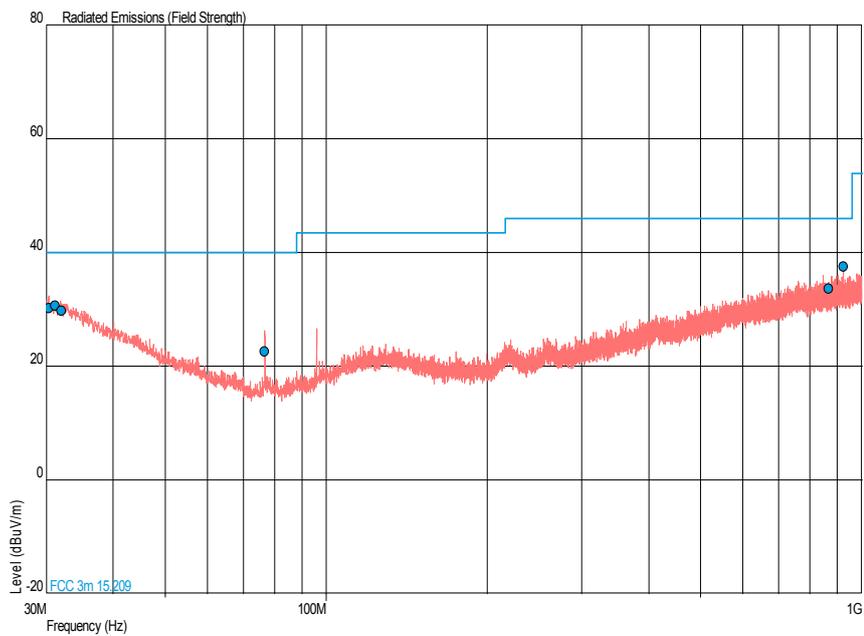


Product Service

**802.11ac - 5 GHz 40 MHz Bandwidth, 5510 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.388	30.2	-9.8	32.4	-67.6	0	1.00	Vertical
31.213	30.6	-9.4	33.9	-66.1	0	1.00	Vertical
31.989	29.8	-10.2	30.9	-69.1	180	1.00	Vertical
76.754	22.6	-17.4	13.5	-86.5	0	1.00	Vertical
867.935	33.7	-12.3	48.4	-151.6	180	1.00	Vertical
923.419	37.6	-8.4	75.9	-124.1	0	1.00	Vertical

**802.11ac - 5 GHz 40 MHz Bandwidth, 5510 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**





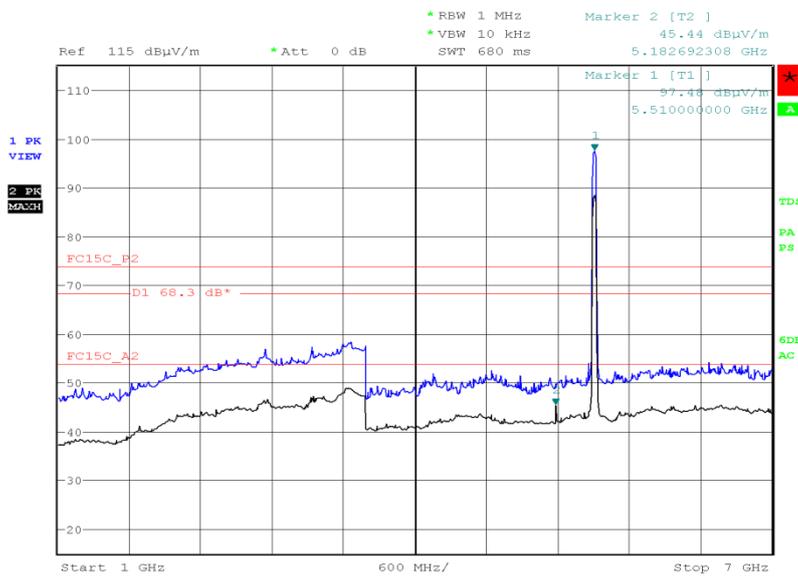
Product Service

**802.11ac - 5 GHz 40 MHz Bandwidth, 5510 MHz, MCS0, 1 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Results**

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

**802.11ac - 5 GHz 40 MHz Bandwidth, 5510 MHz, MCS0, 1 GHz to 7 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**

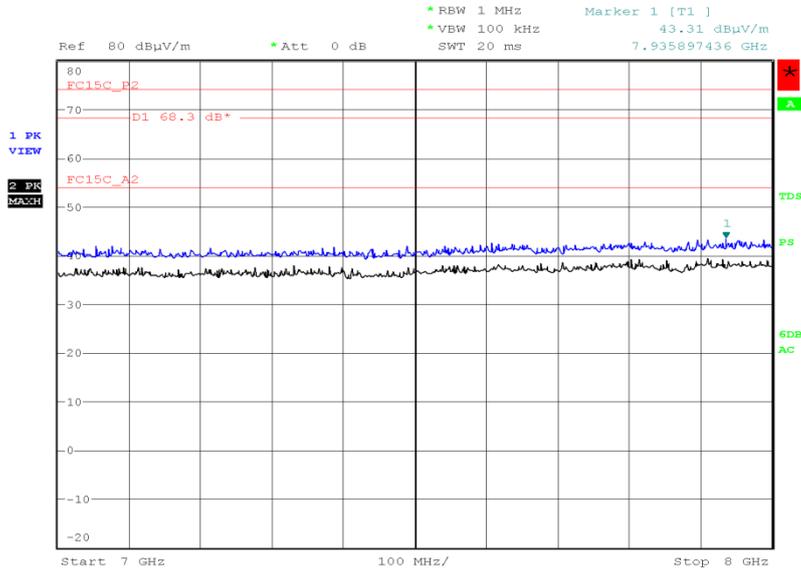


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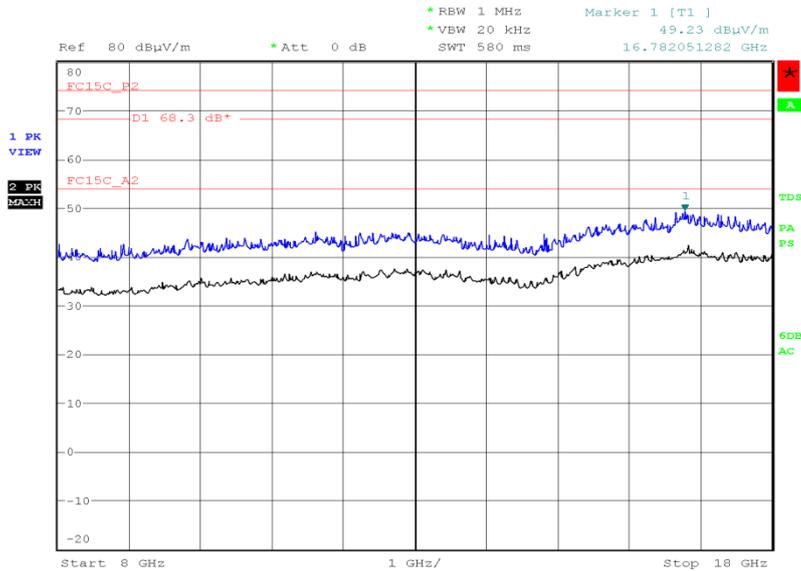
Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5510 MHz, MCS0, 7 GHz to 8 GHz, Frequency Band 3, Spurious Radiated Emissions Plot



Date: 5.APR.2016 22:50:54

802.11ac - 5 GHz 40 MHz Bandwidth, 5510 MHz, MCS0, 8 GHz to 18 GHz, Frequency Band 3, Spurious Radiated Emissions Plot

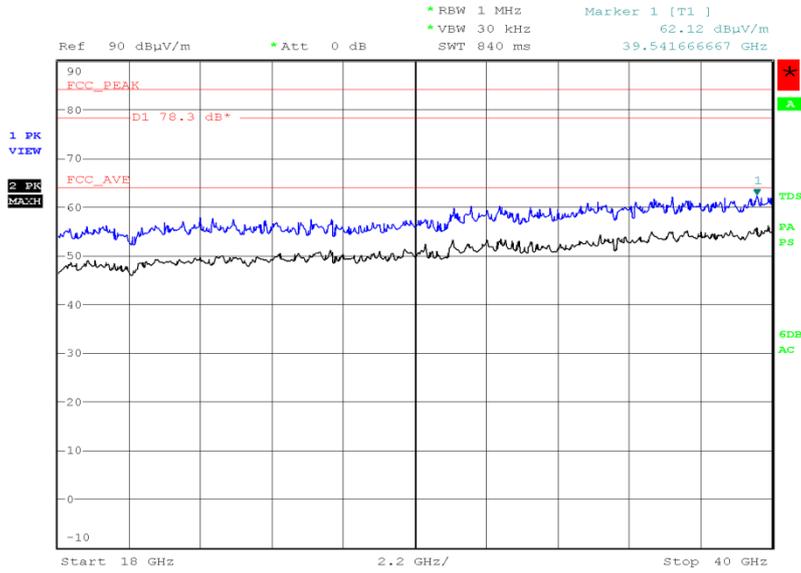


Date: 6.APR.2016 19:30:05



Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5510 MHz, MCS0, 18 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Plot



Date: 10.APR.2016 21:59:39

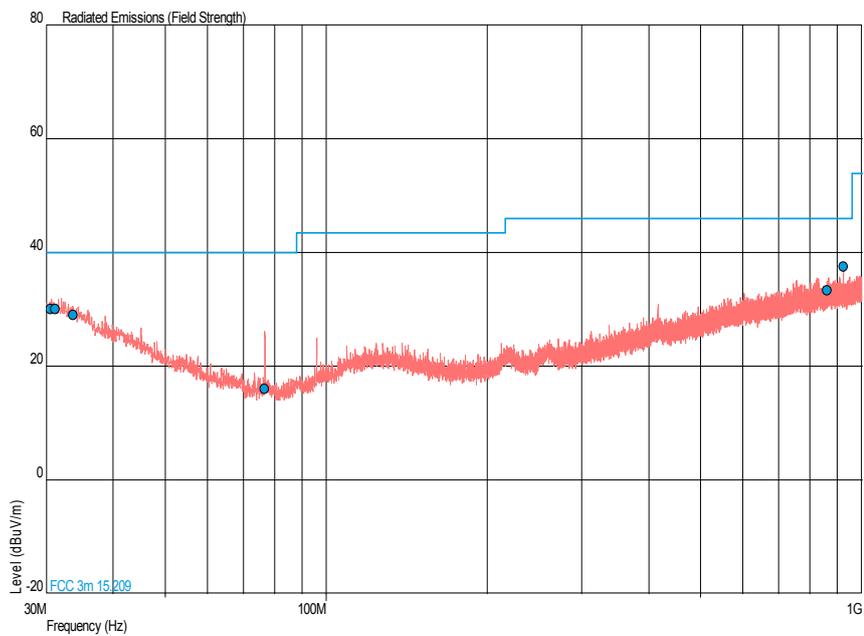


Product Service

**802.11ac - 5 GHz 40 MHz Bandwidth, 5590 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.579	30.1	-9.9	32.0	-68.0	0	1.00	Vertical
31.213	30.1	-9.9	32.0	-68.0	0	1.00	Vertical
33.735	29.1	-10.9	28.5	-71.5	180	1.00	Vertical
76.706	16.1	-23.9	6.4	-93.6	180	1.00	Vertical
860.029	33.4	-12.6	46.8	-153.2	180	1.00	Vertical
923.370	37.5	-8.5	75.0	-125.0	0	1.00	Vertical

**802.11ac - 5 GHz 40 MHz Bandwidth, 5590 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**





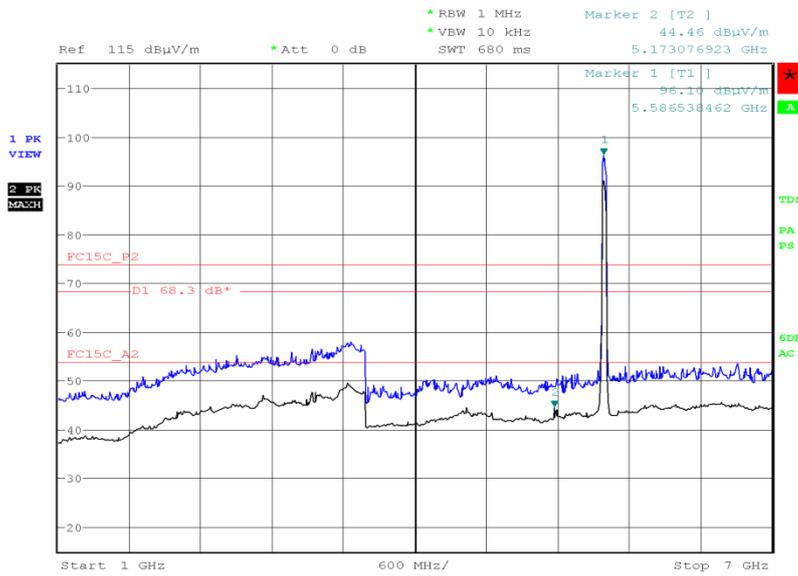
Product Service

**802.11ac - 5 GHz 40 MHz Bandwidth, 5590 MHz, MCS0, 1 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Results**

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

**802.11ac - 5 GHz 40 MHz Bandwidth, 5590 MHz, MCS0, 1 GHz to 7 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**

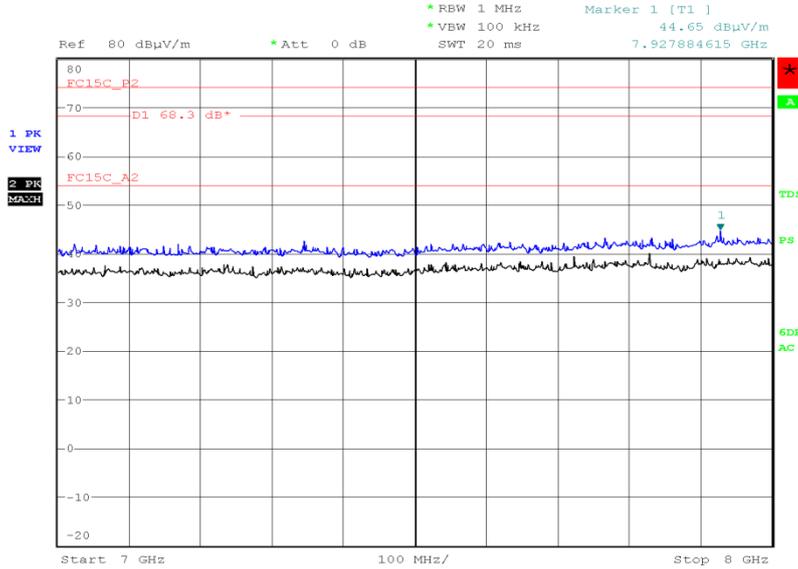


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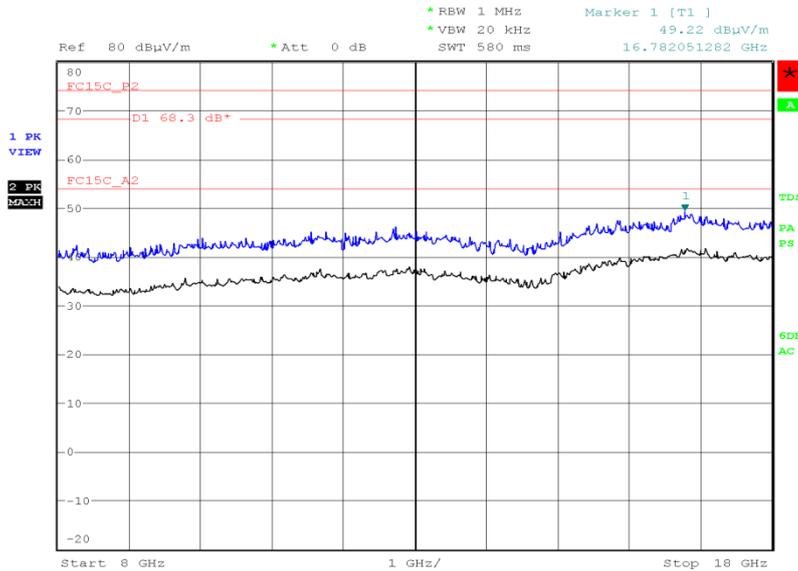
Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5590 MHz, MCS0, 7 GHz to 8 GHz, Frequency Band 3, Spurious Radiated Emissions Plot



Date: 5.APR.2016 22:53:50

802.11ac - 5 GHz 40 MHz Bandwidth, 5590 MHz, MCS0, 8 GHz to 18 GHz, Frequency Band 3, Spurious Radiated Emissions Plot

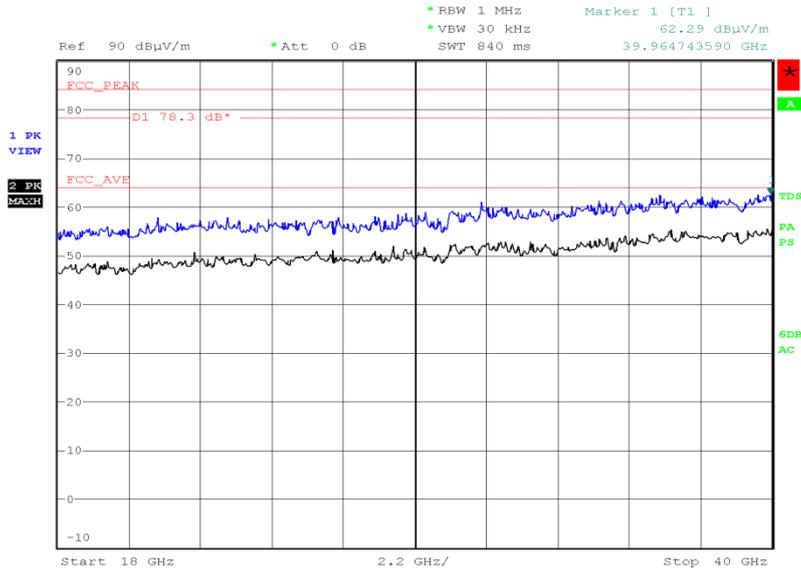


Date: 6.APR.2016 19:38:56



Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5590 MHz, MCS0, 18 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Plot



Date: 10.APR.2016 22:07:58

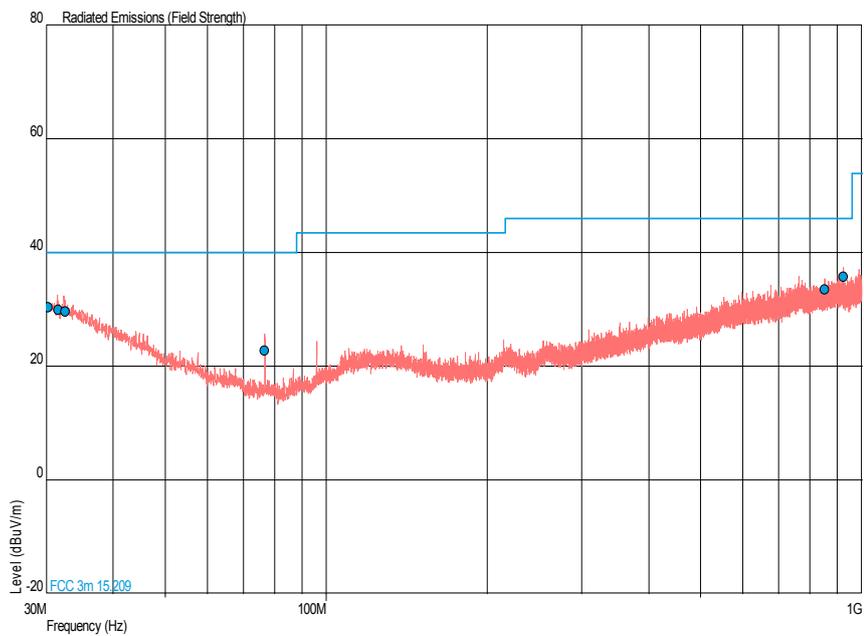


Product Service

**802.11ac - 5 GHz 40 MHz Bandwidth, 5670 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.243	30.4	-9.6	33.1	-66.9	180	1.00	Vertical
31.601	29.9	-10.1	31.3	-68.7	0	1.00	Vertical
32.522	29.7	-10.3	30.5	-69.5	180	1.00	Vertical
76.754	22.7	-17.3	13.6	-86.4	0	1.00	Vertical
852.415	33.5	-12.5	47.3	-152.7	180	1.00	Vertical
923.467	35.7	-10.3	61.0	-139.0	0	1.00	Vertical

**802.11ac - 5 GHz 40 MHz Bandwidth, 5670 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**





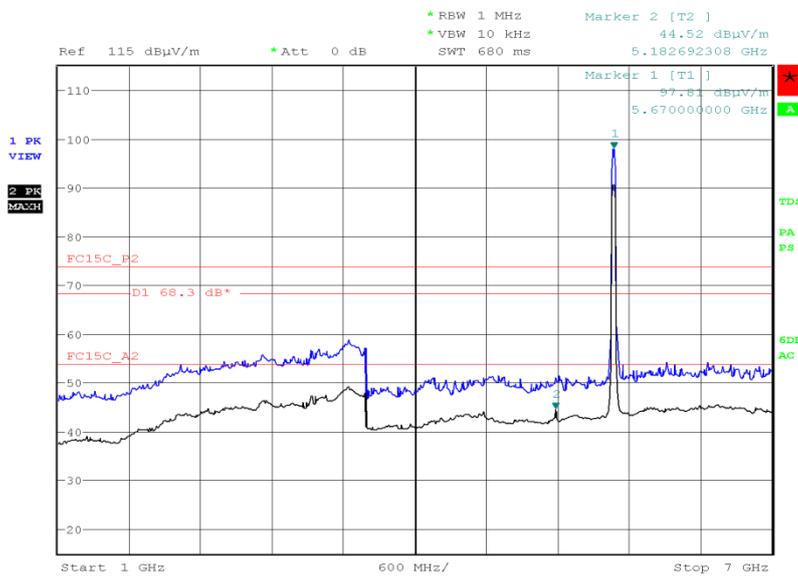
Product Service

**802.11ac - 5 GHz 40 MHz Bandwidth, 5670 MHz, MCS0, 1 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Results**

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

**802.11ac - 5 GHz 40 MHz Bandwidth, 5670 MHz, MCS0, 1 GHz to 7 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**

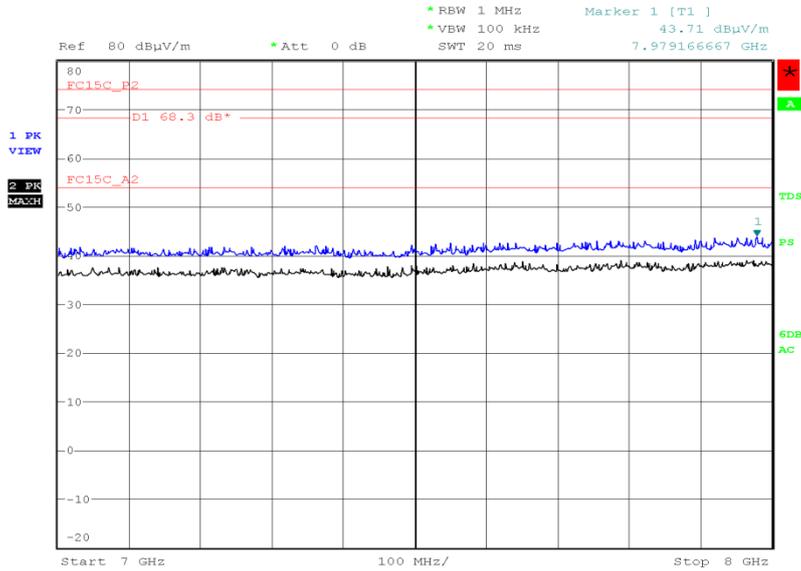


Date: 5.APR.2016 20:21:14



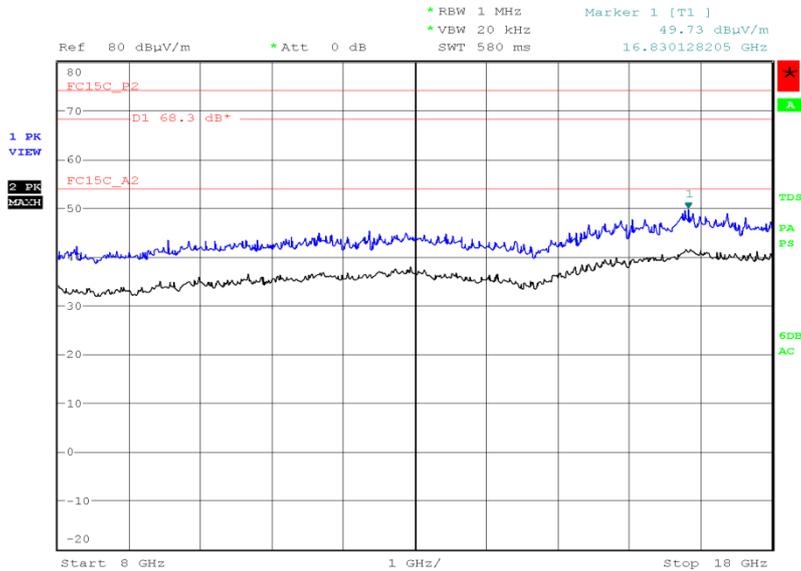
Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5670 MHz, MCS0, 7 GHz to 8 GHz, Frequency Band 3, Spurious Radiated Emissions Plot



Date: 5.APR.2016 22:57:52

802.11ac - 5 GHz 40 MHz Bandwidth, 5670 MHz, MCS0, 8 GHz to 18 GHz, Frequency Band 3, Spurious Radiated Emissions Plot

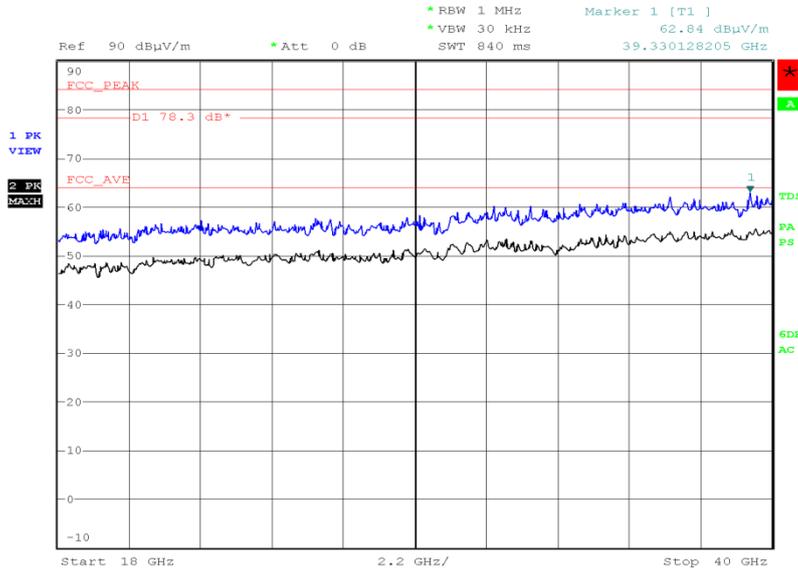


Date: 6.APR.2016 19:47:48



Product Service

**802.11ac - 5 GHz 40 MHz Bandwidth, 5670 MHz, MCS0, 18 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**



Date: 10.APR.2016 22:24:58

**FCC 47 CFR Part 15, Limit Clause 15.407 (b)(1)(2)(3)(4)(6)(7)**

Outside the 5.15 GHz to 5.35 GHz band	-27 dBm/MHz
Outside the 5.25 GHz to 5.35 GHz band	-27 dBm/MHz
Outside the 5.47 GHz to 5.725 GHz band	-27 dBm/MHz
5.715 GHz to 5.725 GHz and 5.850 GHz to 5.860 GHz band	-17 dBm/MHz
Outside the 5.715 GHz to 5.860 GHz band	-27 dBm/MHz

**FCC 47 CFR Part 15, Limit Clause 15.205**

	Peak (dBμV/m)	Average (dBμV/m)
Restricted Bands of Operation	74	54

**FCC 47 CFR Part 15, Limit Clause 15.209**

Frequency (MHz)	Field Strength			Measurement Distance (m)
	(μV/m)	Average (dBμV/m)	Peak (dBμV/m)	
30-88	100	40.0	60.0	3
88-216	150	43.5	63.5	3
216-960	200	46.0	66.0	3
Above 960	500	54.0	74.0	3



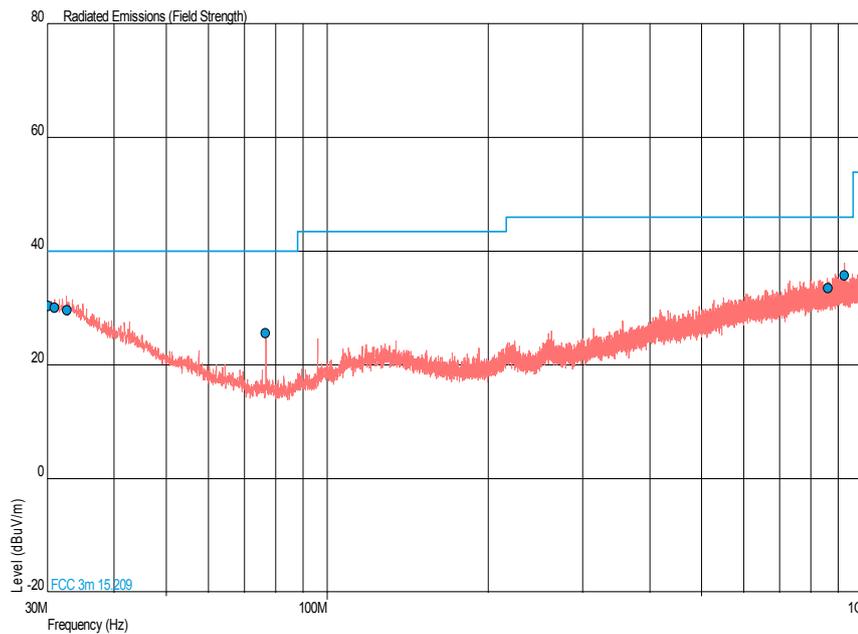
Product Service

4.0 V DC Supply

802.11n - 5 GHz 40 MHz Bandwidth, 5190 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 1, Spurious Radiated Emissions Results

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.175	30.4	-9.6	33.1	-66.9	0	1.00	Vertical
30.992	30.0	-10.0	31.6	-68.4	0	1.00	Vertical
32.657	29.7	-10.3	30.5	-69.5	0	1.00	Vertical
76.793	25.6	-14.4	19.1	-80.9	285	1.00	Vertical
860.133	33.4	-12.6	46.8	-153.2	0	1.00	Vertical
923.345	35.7	-10.3	61.0	-139.0	0	1.00	Vertical

802.11n - 5 GHz 40 MHz Bandwidth, 5190 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 1, Spurious Radiated Emissions Plot





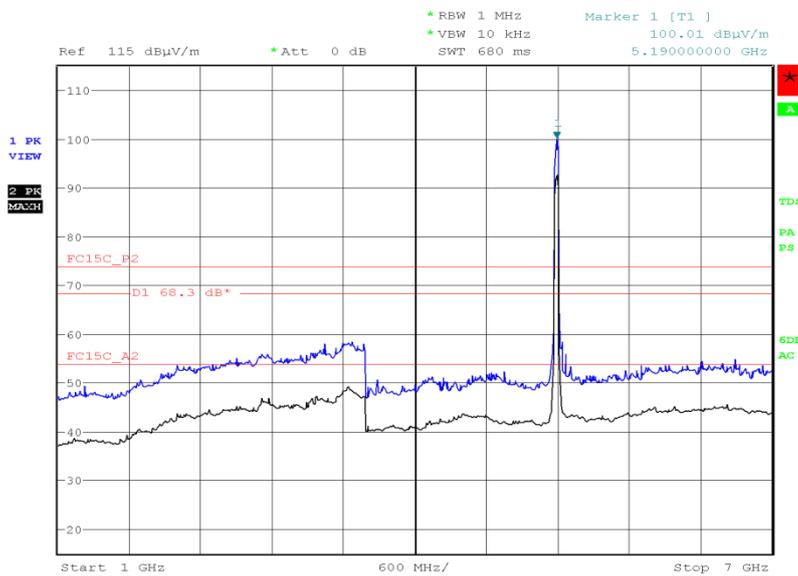
Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5190 MHz, MCS0, 1 GHz to 40 GHz, Frequency Band 1, Spurious Radiated Emissions Results

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

802.11n - 5 GHz 40 MHz Bandwidth, 5190 MHz, MCS0, 1 GHz to 7 GHz, Frequency Band 1, Spurious Radiated Emissions Plot

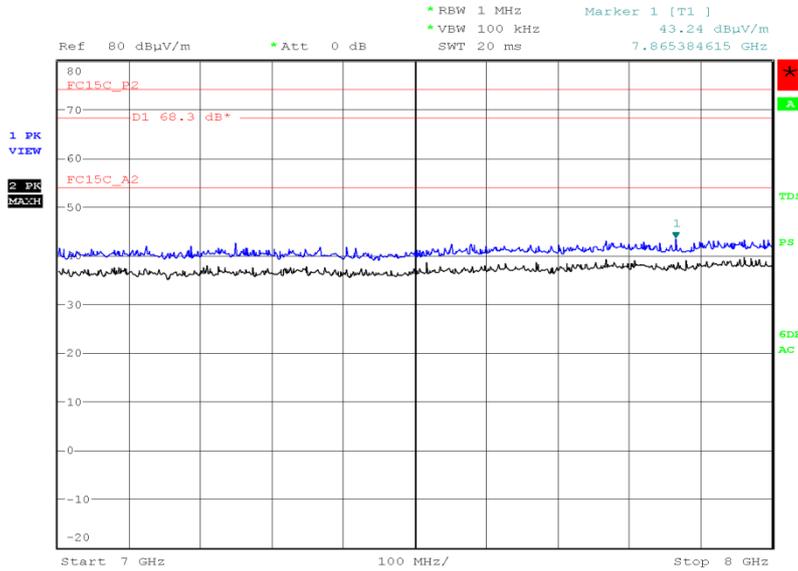


Date: 5.APR.2016 17:11:45



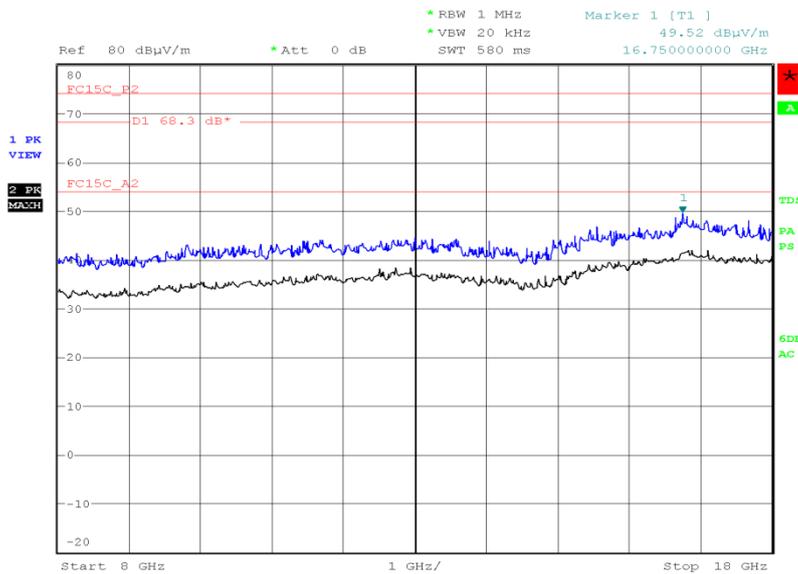
Product Service

**802.11n - 5 GHz 40 MHz Bandwidth, 5190 MHz, MCS0, 7 GHz to 8 GHz, Frequency Band 1, Spurious Radiated Emissions Plot**



Date: 5.APR.2016 22:17:10

**802.11n - 5 GHz 40 MHz Bandwidth, 5190 MHz, MCS0, 8 GHz to 18 GHz, Frequency Band 1, Spurious Radiated Emissions Plot**

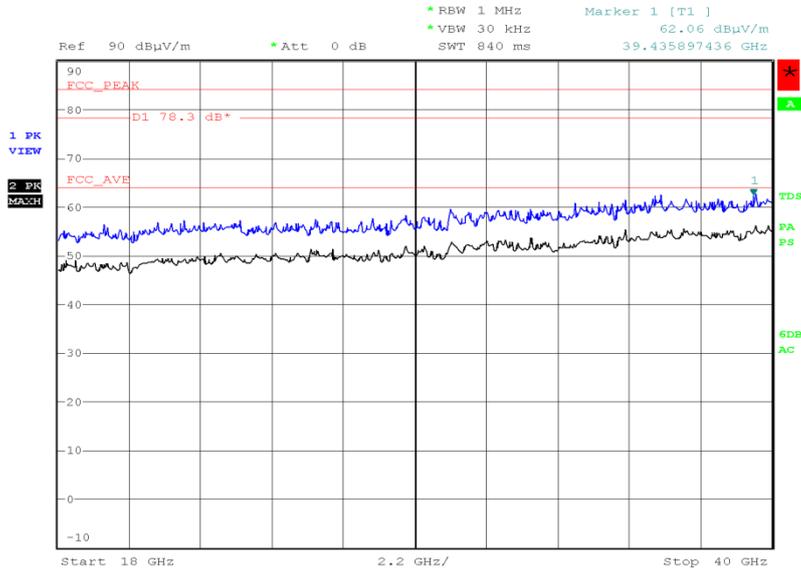


Date: 6.APR.2016 17:48:45



Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5190 MHz, MCS0, 18 GHz to 40 GHz, Frequency Band 1, Spurious Radiated Emissions Plot



Date: 10.APR.2016 18:37:38

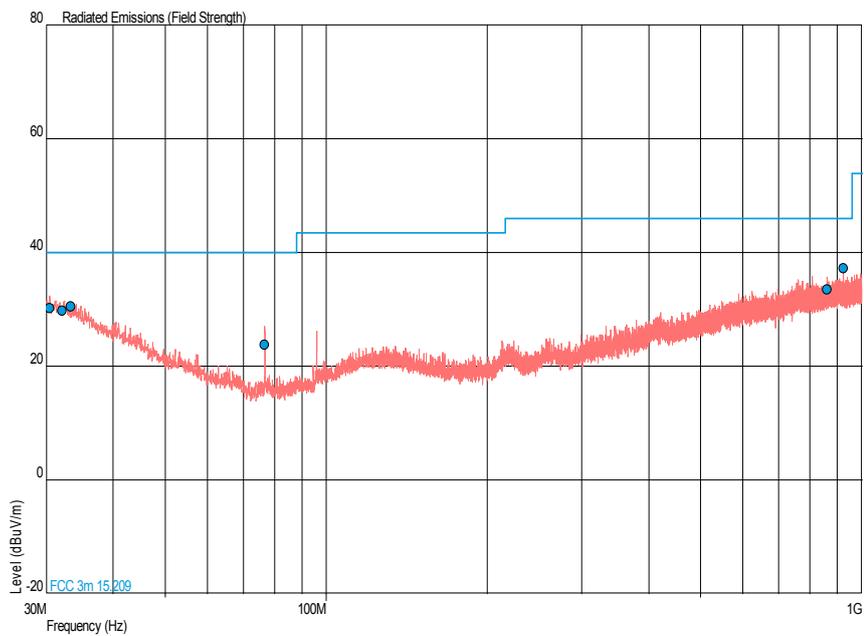


Product Service

**802.11n - 5 GHz 40 MHz Bandwidth, 5230 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 1, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.485	30.2	-9.8	32.4	-67.6	0	1.00	Vertical
32.183	29.8	-10.2	30.9	-69.1	0	1.00	Vertical
33.298	30.5	-9.5	33.5	-66.5	0	1.00	Vertical
76.754	23.8	-16.2	15.5	-84.5	180	1.00	Vertical
861.921	33.5	-12.5	47.3	-152.7	0	1.00	Vertical
923.370	37.2	-8.8	72.4	-127.6	0	1.00	Vertical

**802.11n - 5 GHz 40 MHz Bandwidth, 5230 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 1, Spurious Radiated Emissions Plot**





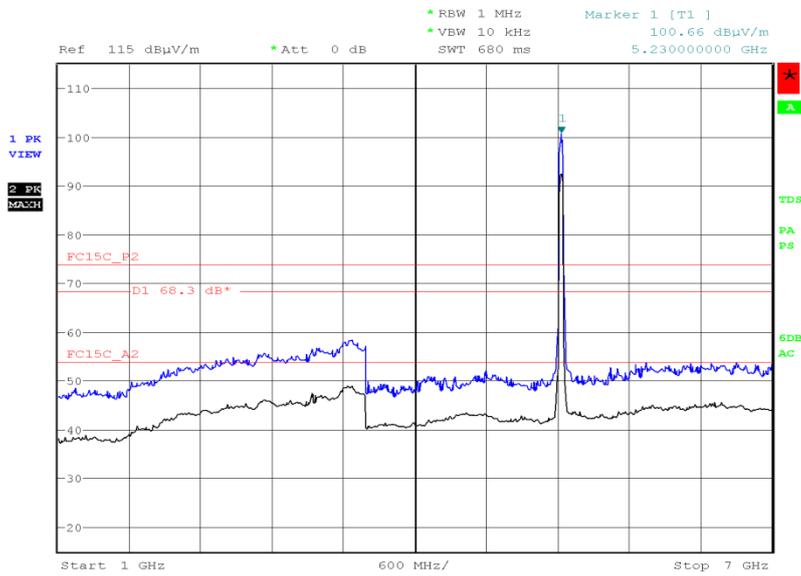
Product Service

**802.11n - 5 GHz 40 MHz Bandwidth, 5230 MHz, MCS0, 1 GHz to 40 GHz, Frequency Band 1, Spurious Radiated Emissions Results**

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

**802.11n - 5 GHz 40 MHz Bandwidth, 5230 MHz, MCS0, 1 GHz to 7 GHz, Frequency Band 1, Spurious Radiated Emissions Plot**

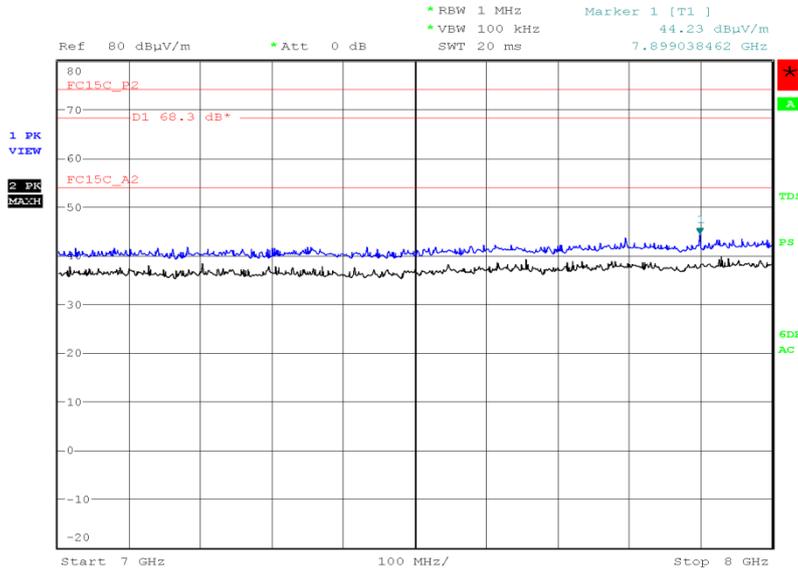


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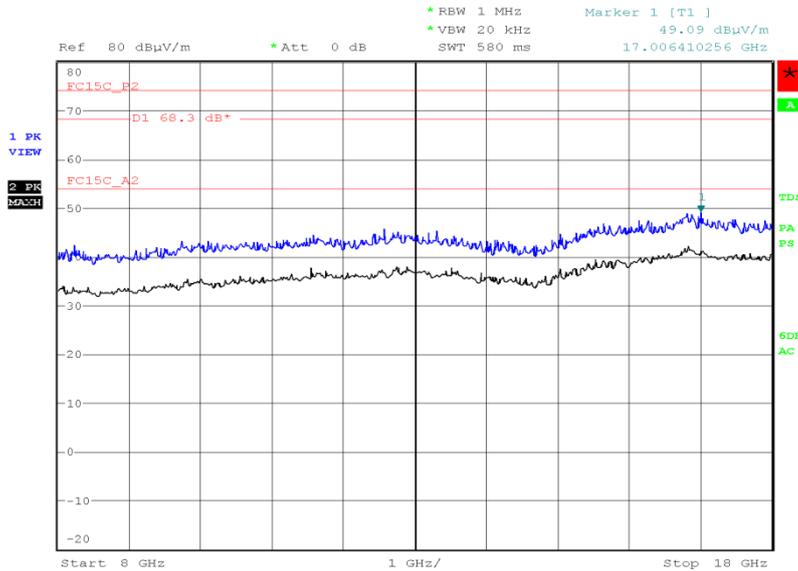
Product Service

**802.11n - 5 GHz 40 MHz Bandwidth, 5230 MHz, MCS0, 7 GHz to 8 GHz, Frequency Band 1, Spurious Radiated Emissions Plot**



Date: 5.APR.2016 22:20:34

**802.11n - 5 GHz 40 MHz Bandwidth, 5230 MHz, MCS0, 8 GHz to 18 GHz, Frequency Band 1, Spurious Radiated Emissions Plot**

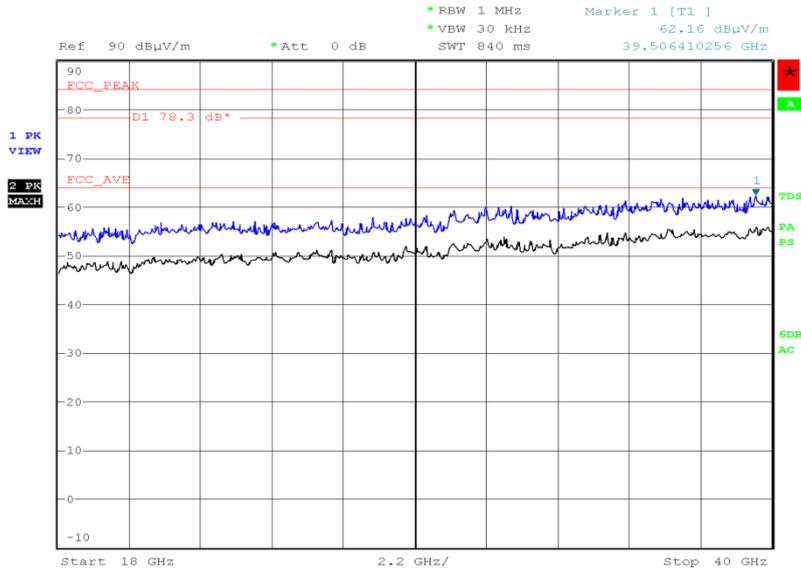


Date: 6.APR.2016 17:57:19



Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5230 MHz, MCS0, 18 GHz to 40 GHz, Frequency Band 1, Spurious Radiated Emissions Plot



Date: 10.APR.2016 18:54:31

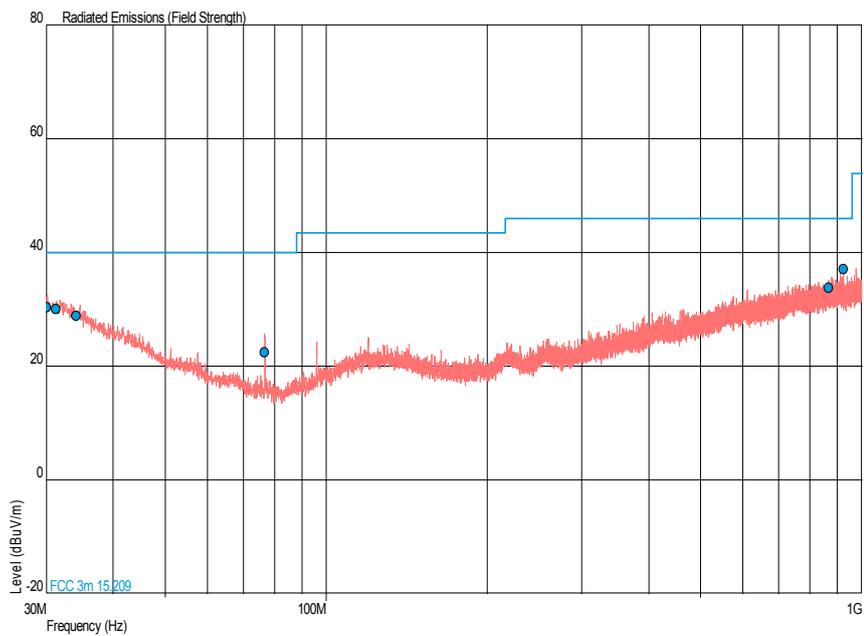


Product Service

**802.11n - 5 GHz 40 MHz Bandwidth, 5270 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 2, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.000	30.4	-9.6	33.1	-66.9	0	0.00	Horizontal
31.310	30.1	-9.9	32.0	-68.0	0	1.00	Vertical
34.123	28.9	-11.1	27.9	-72.1	0	1.00	Vertical
76.754	22.5	-17.5	13.3	-86.7	0	1.00	Vertical
865.946	33.8	-12.2	49.0	-151.0	180	1.00	Vertical
923.322	37.1	-8.9	71.6	-128.4	180	1.00	Vertical

**802.11n - 5 GHz 40 MHz Bandwidth, 5270 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 2, Spurious Radiated Emissions Plot**





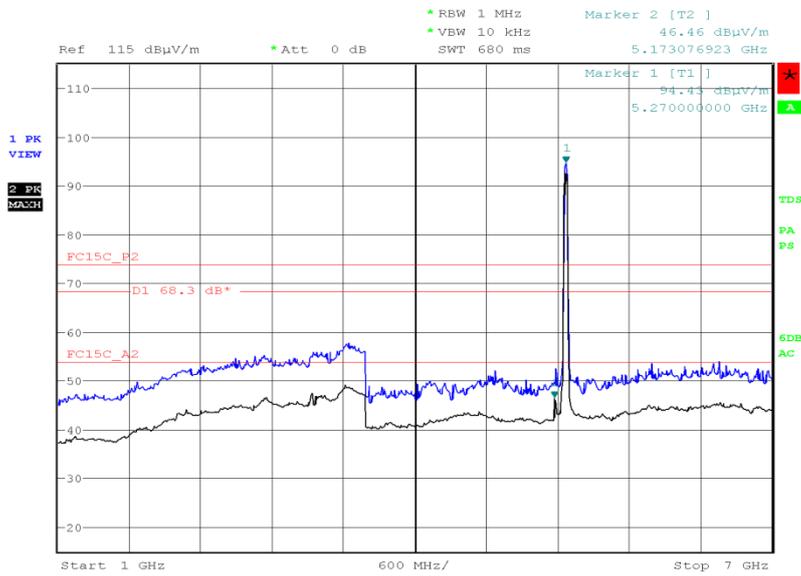
Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5270 MHz, MCS0, 1 GHz to 40 GHz, Frequency Band 2, Spurious Radiated Emissions Results

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

802.11n - 5 GHz 40 MHz Bandwidth, 5270 MHz, MCS0, 1 GHz to 7 GHz, Frequency Band 2, Spurious Radiated Emissions Plot

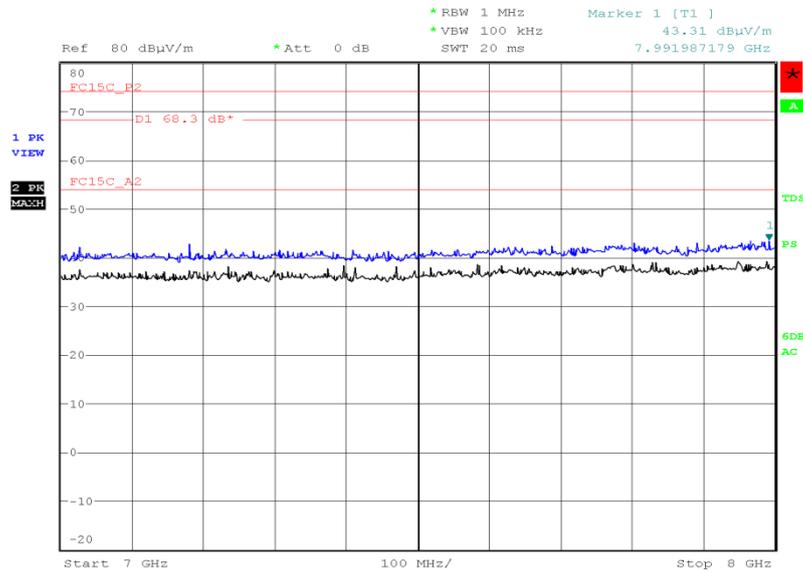


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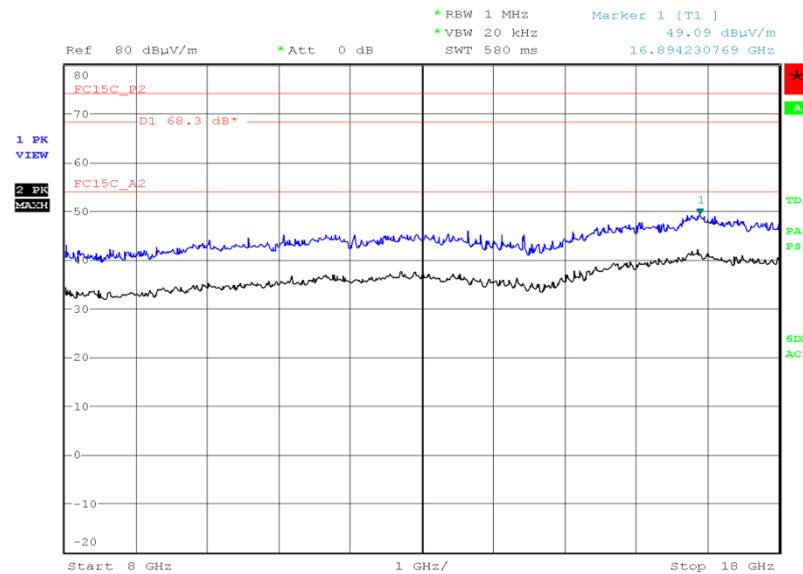
Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5270 MHz, MCS0, 7 GHz to 8 GHz, Frequency Band 2, Spurious Radiated Emissions Plot



Date: 5.APR.2016 22:22:49

802.11n - 5 GHz 40 MHz Bandwidth, 5270 MHz, MCS0, 8 GHz to 18 GHz, Frequency Band 2, Spurious Radiated Emissions Plot

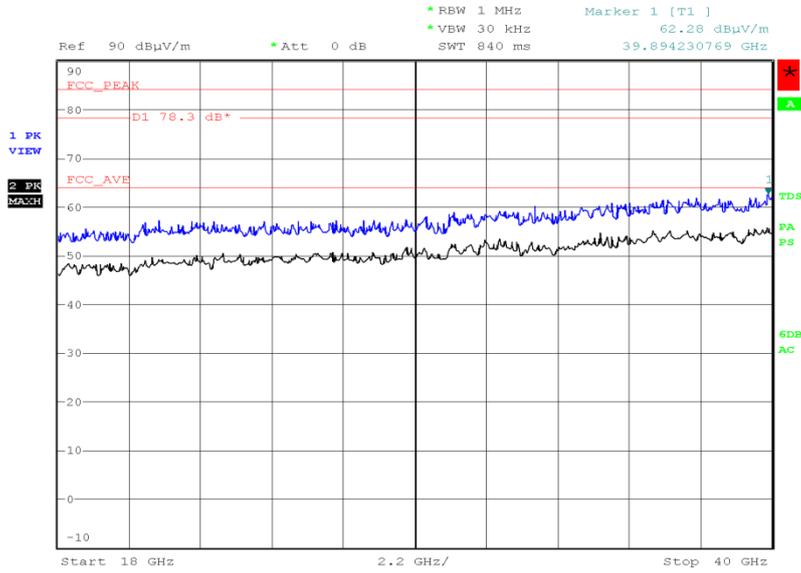


Date: 6.APR.2016 18:06:19



Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5270 MHz, MCS0, 18 GHz to 40 GHz, Frequency Band 2, Spurious Radiated Emissions Plot



Date: 10.APR.2016 19:07:51

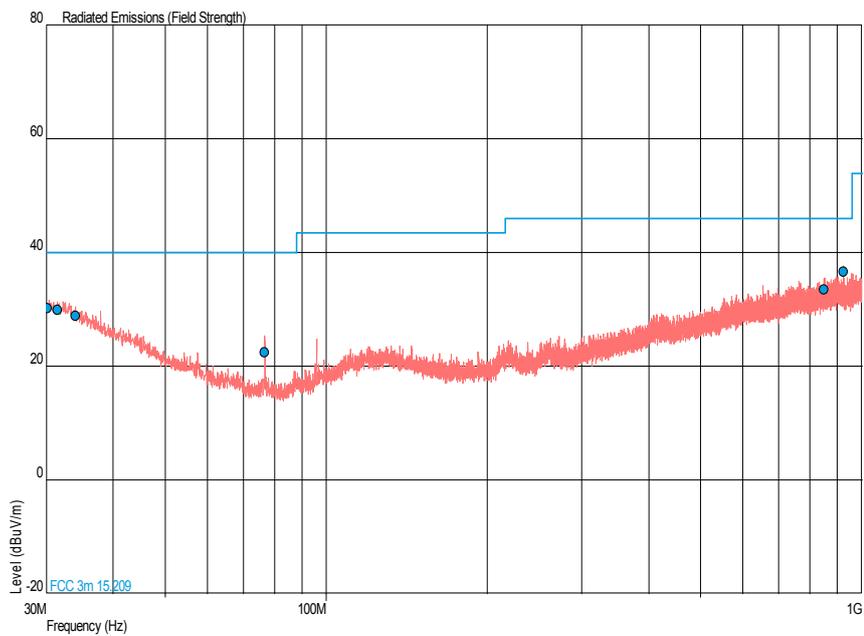


Product Service

**802.11n - 5 GHz 40 MHz Bandwidth, 5310 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 2, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.146	30.3	-9.7	32.7	-67.3	180	1.00	Vertical
31.455	29.9	-10.1	31.3	-68.7	0	1.00	Vertical
34.074	28.9	-11.1	27.9	-72.1	180	1.00	Vertical
76.754	22.5	-17.5	13.3	-86.7	0	1.00	Vertical
848.971	33.4	-12.6	46.8	-153.2	180	1.00	Vertical
923.370	36.7	-9.3	68.4	-131.6	0	1.00	Vertical

**802.11n - 5 GHz 40 MHz Bandwidth, 5310 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 2, Spurious Radiated Emissions Plot**





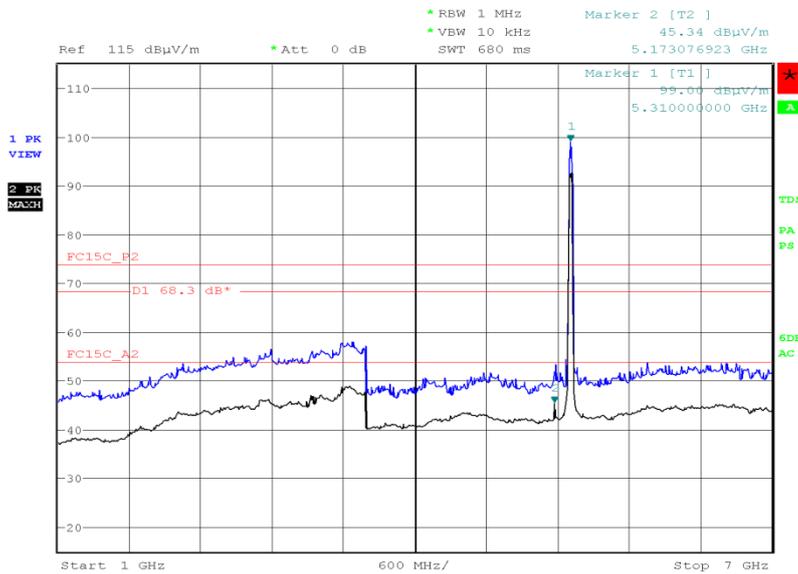
Product Service

**802.11n - 5 GHz 40 MHz Bandwidth, 5310 MHz, MCS0, 1 GHz to 40 GHz, Frequency Band 2, Spurious Radiated Emissions Results**

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

**802.11n - 5 GHz 40 MHz Bandwidth, 5310 MHz, MCS0, 1 GHz to 7 GHz, Frequency Band 2, Spurious Radiated Emissions Plot**

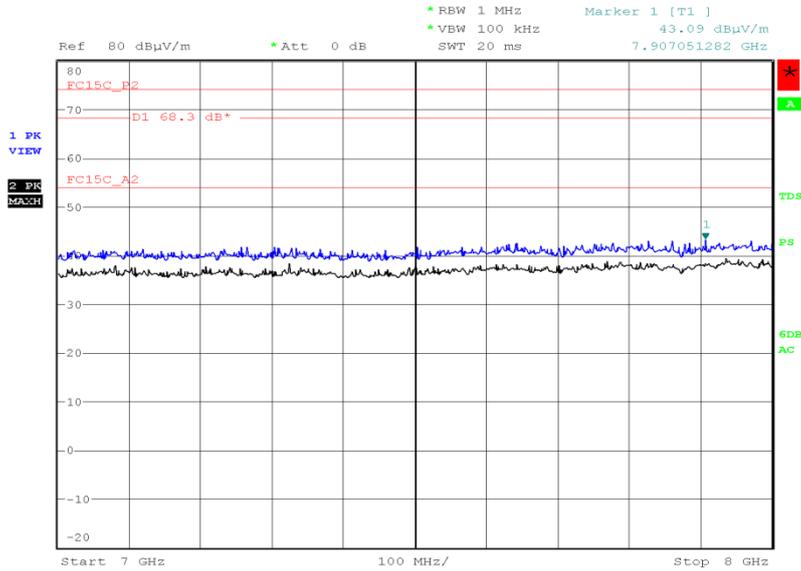


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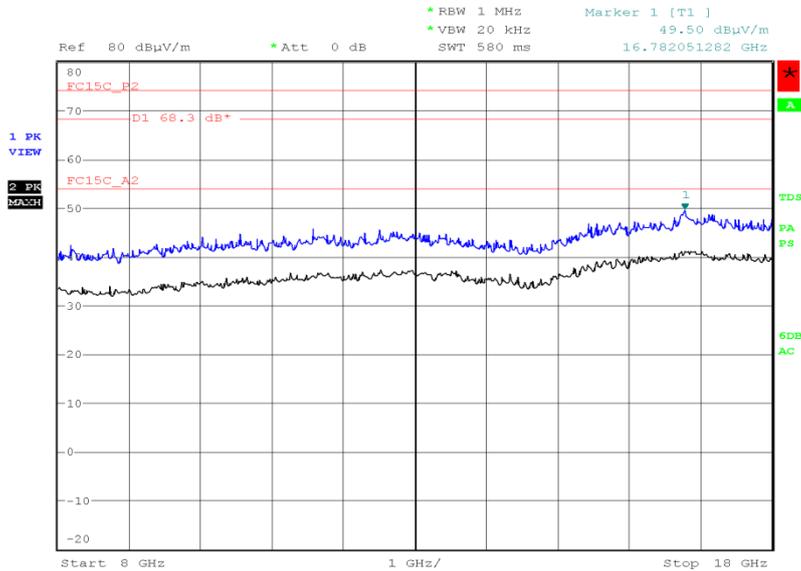
Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5310 MHz, MCS0, 7 GHz to 8 GHz, Frequency Band 2, Spurious Radiated Emissions Plot



Date: 5.APR.2016 22:26:32

802.11n - 5 GHz 40 MHz Bandwidth, 5310 MHz, MCS0, 8 GHz to 18 GHz, Frequency Band 2, Spurious Radiated Emissions Plot

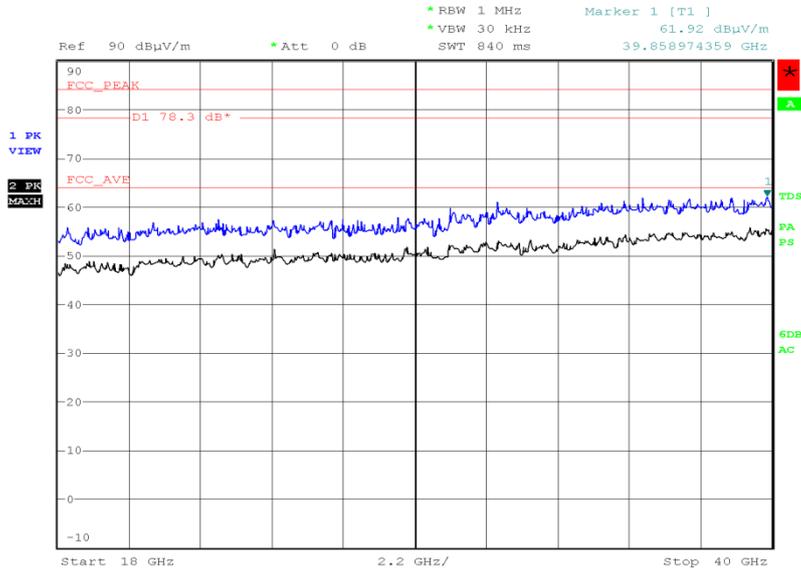


Date: 6.APR.2016 18:14:24



Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5310 MHz, MCS0, 18 GHz to 40 GHz, Frequency Band 2, Spurious Radiated Emissions Plot



Date: 10.APR.2016 19:22:54

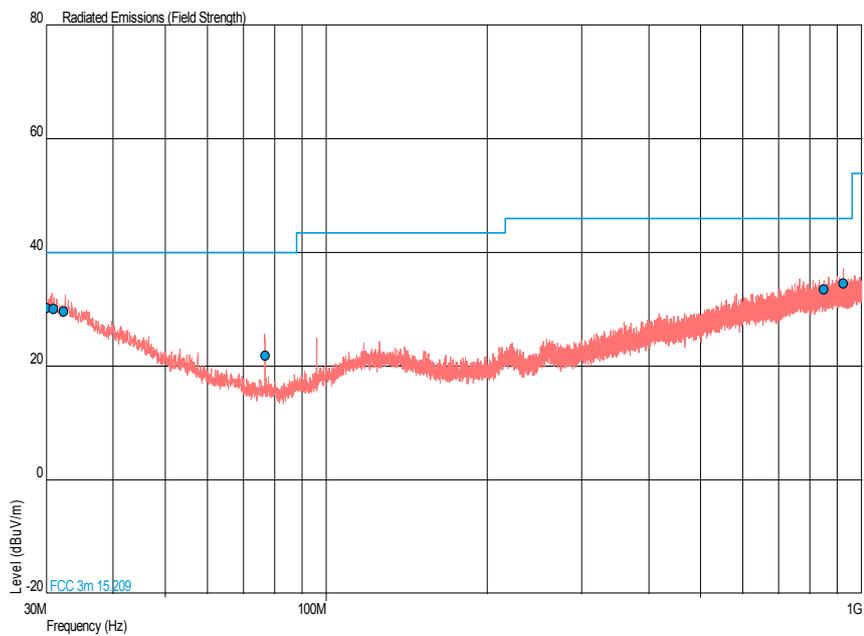


Product Service

**802.11n - 5 GHz 40 MHz Bandwidth, 5510 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.097	30.3	-9.7	32.7	-67.3	0	1.00	Vertical
31.019	30.1	-9.9	32.0	-68.0	0	1.00	Vertical
32.377	29.7	-10.3	30.5	-69.5	180	1.00	Vertical
76.851	21.9	-18.1	12.4	-87.6	0	1.00	Vertical
849.941	33.5	-12.5	47.3	-152.7	0	1.00	Vertical
923.516	34.6	-11.4	53.7	-146.3	180	1.00	Vertical

**802.11n - 5 GHz 40 MHz Bandwidth, 5510 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**





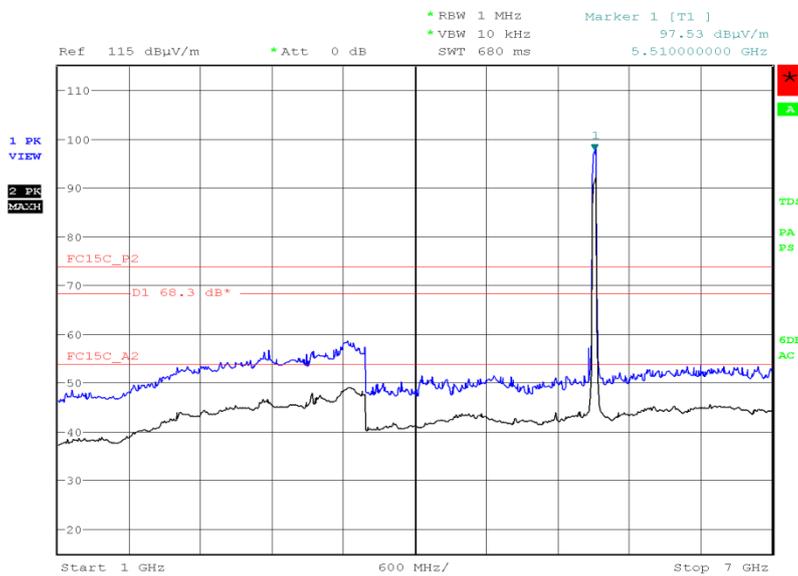
Product Service

**802.11n - 5 GHz 40 MHz Bandwidth, 5510 MHz, MCS0, 1 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Results**

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

**802.11n - 5 GHz 40 MHz Bandwidth, 5510 MHz, MCS0, 1 GHz to 7 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**

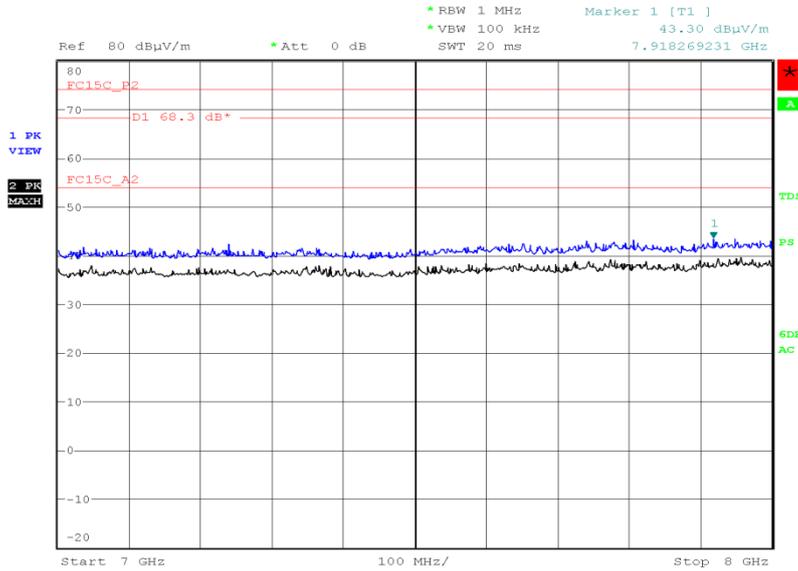


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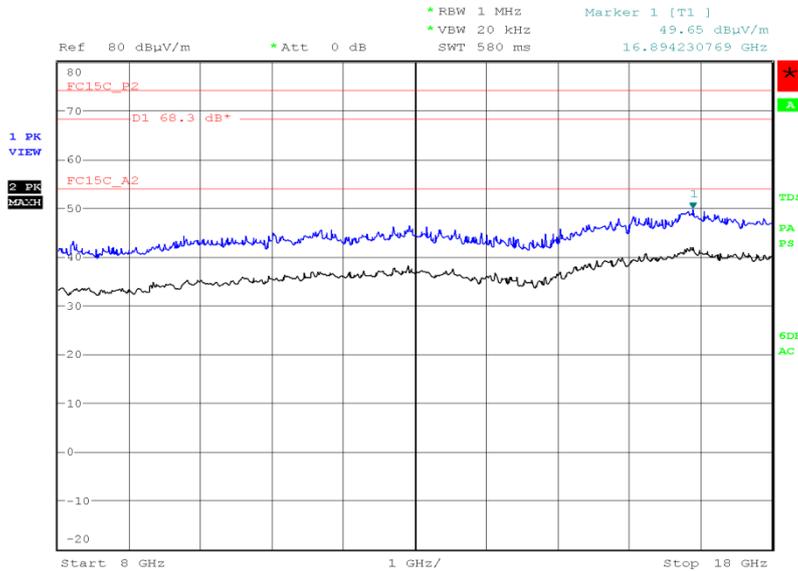
Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5510 MHz, MCS0, 7 GHz to 8 GHz, Frequency Band 3, Spurious Radiated Emissions Plot



Date: 5.APR.2016 22:29:34

802.11n - 5 GHz 40 MHz Bandwidth, 5510 MHz, MCS0, 8 GHz to 18 GHz, Frequency Band 3, Spurious Radiated Emissions Plot

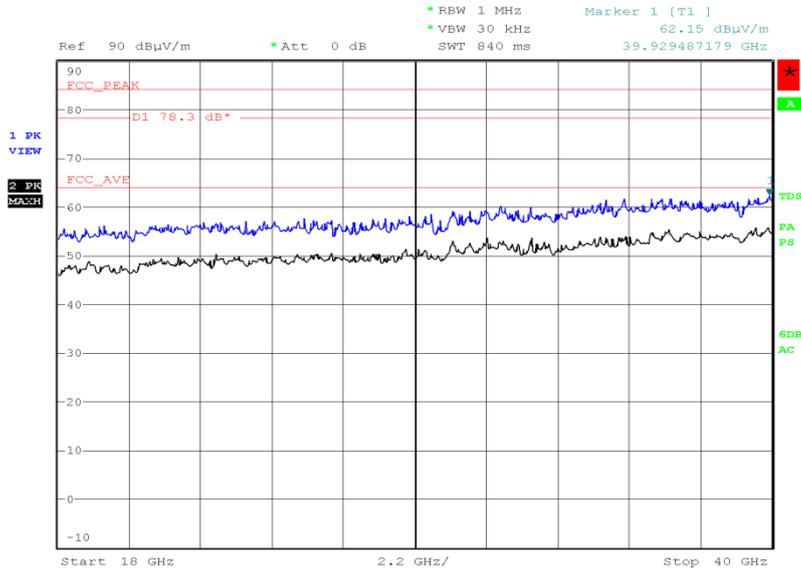


Date: 6.APR.2016 18:26:50



Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5510 MHz, MCS0, 18 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Plot



Date: 10.APR.2016 19:37:35

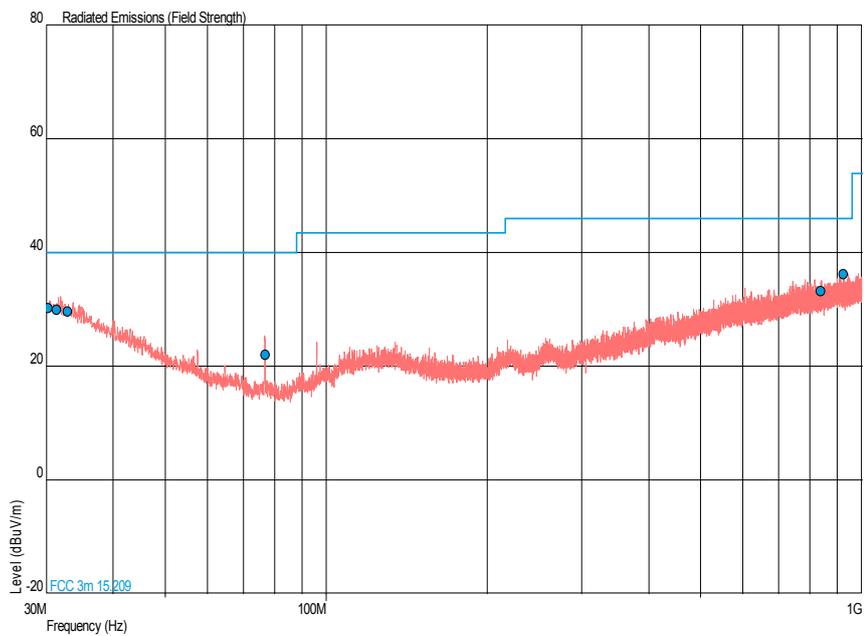


Product Service

**802.11n - 5 GHz 40 MHz Bandwidth, 5590 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.243	30.2	-9.8	32.4	-67.6	0	1.00	Vertical
31.407	30.0	-10.0	31.6	-68.4	180	1.00	Vertical
32.910	29.6	-10.4	30.2	-69.8	180	1.00	Vertical
76.851	22.0	-18.0	12.6	-87.4	0	1.00	Vertical
838.059	33.2	-12.8	45.7	-154.3	0	1.00	Vertical
923.322	36.3	-9.7	65.3	-134.7	180	1.00	Vertical

**802.11n - 5 GHz 40 MHz Bandwidth, 5590 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**





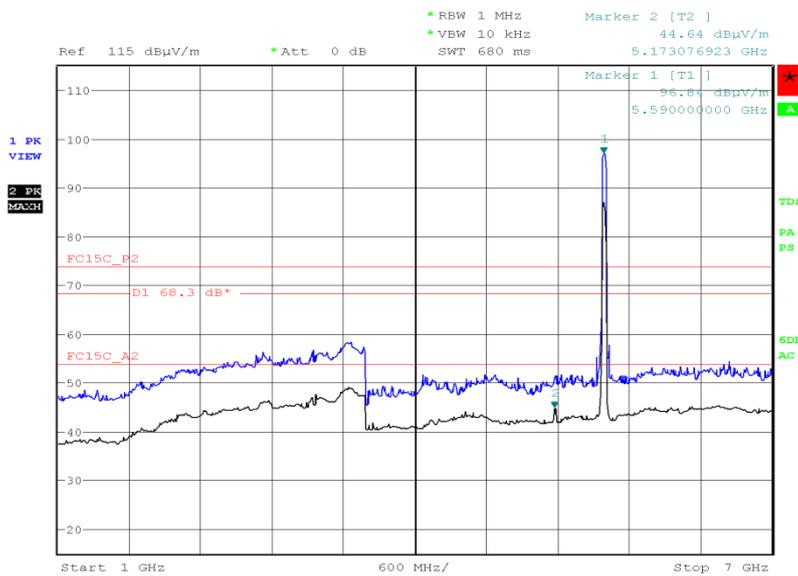
Product Service

802.11n – 5 GHz 40 MHz Bandwidth, 5590 MHz, MCS0, 1 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Results

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

802.11n - 5 GHz 40 MHz Bandwidth, 5590 MHz, MCS0, 1 GHz to 7 GHz, Frequency Band 3, Spurious Radiated Emissions Plot

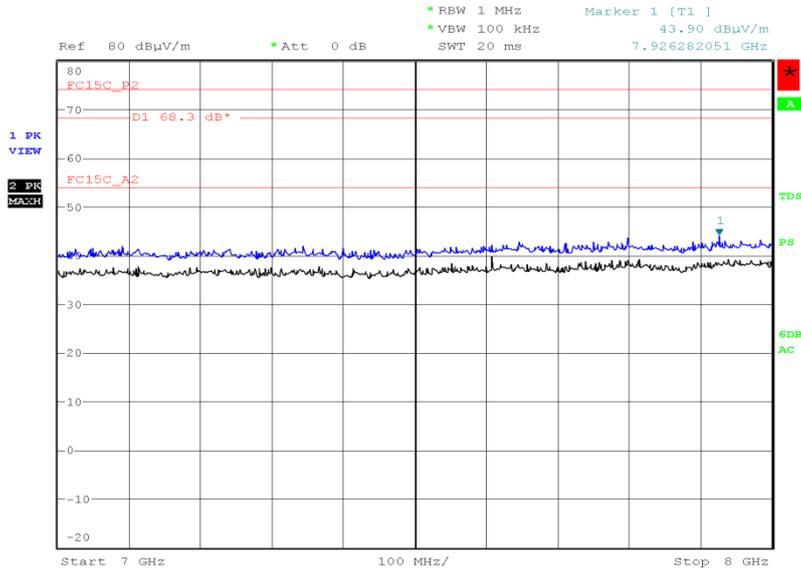


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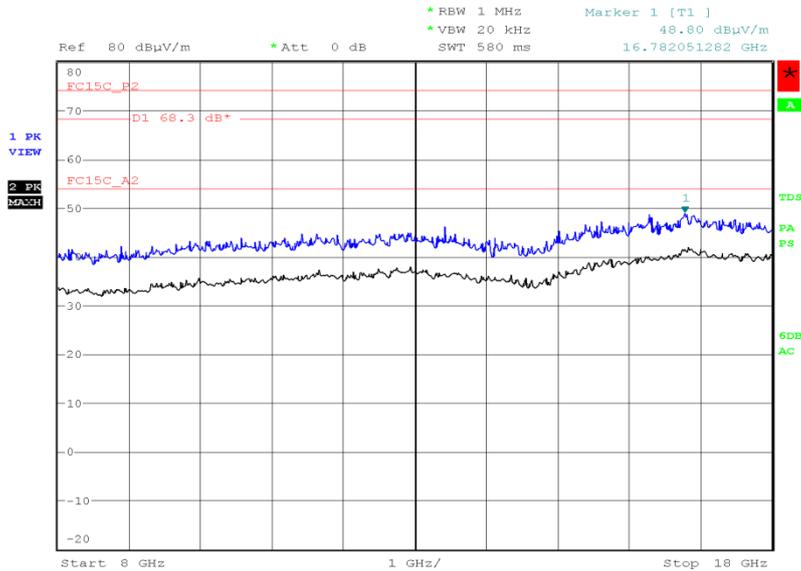
Product Service

**802.11n - 5 GHz 40 MHz Bandwidth, 5590 MHz, MCS0, 7 GHz to 8 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**



Date: 5.APR.2016 22:32:35

**802.11n - 5 GHz 40 MHz Bandwidth, 5590 MHz, MCS0, 8 GHz to 18 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**

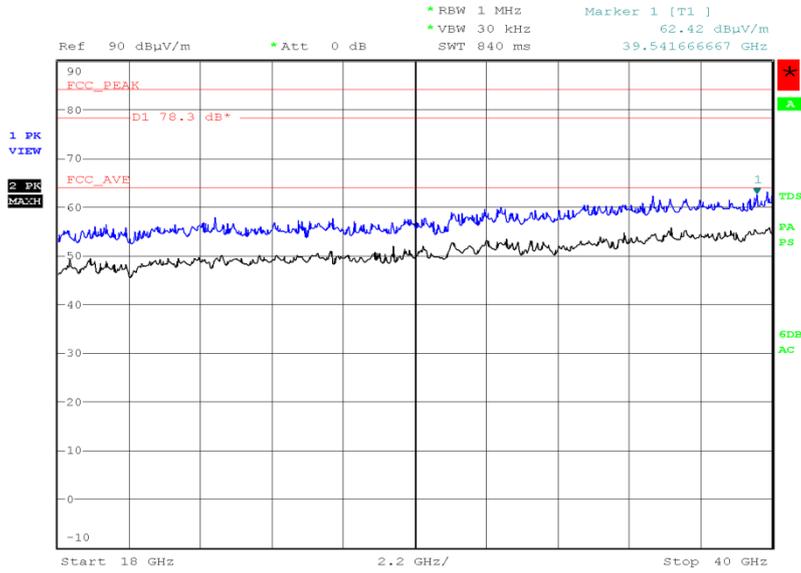


Date: 6.APR.2016 18:35:05



Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5590 MHz, MCS0, 18 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Plot



Date: 10.APR.2016 19:51:43

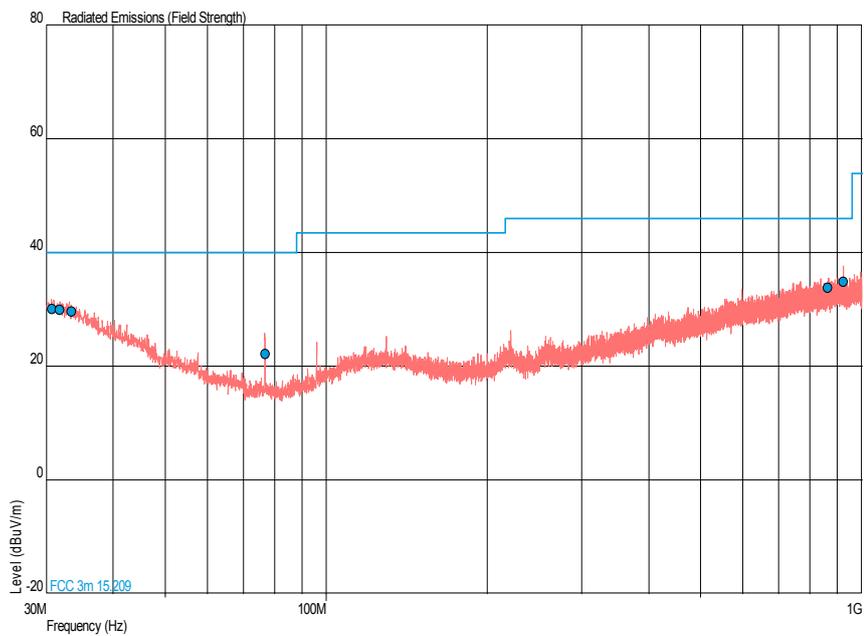


Product Service

**802.11n - 5 GHz 40 MHz Bandwidth, 5670 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Results**

Frequency (MHz)	QP Level (dBµV/m)	QP Margin (dBµV/m)	QP Level (µV/m)	QP Margin (µV/m)	Angle (°)	Height (m)	Polarisation
30.776	30.1	-9.9	32.0	-68.0	0	1.00	Vertical
31.795	29.9	-10.1	31.3	-68.7	0	1.00	Vertical
33.444	29.6	-10.4	30.2	-69.8	180	1.00	Vertical
76.851	22.2	-17.8	12.9	-87.1	0	1.00	Vertical
865.316	33.8	-12.2	49.0	-151.0	0	1.00	Vertical
923.516	34.8	-11.2	55.0	-145.0	180	1.00	Vertical

**802.11n - 5 GHz 40 MHz Bandwidth, 5670 MHz, MCS0, 30 MHz to 1 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**





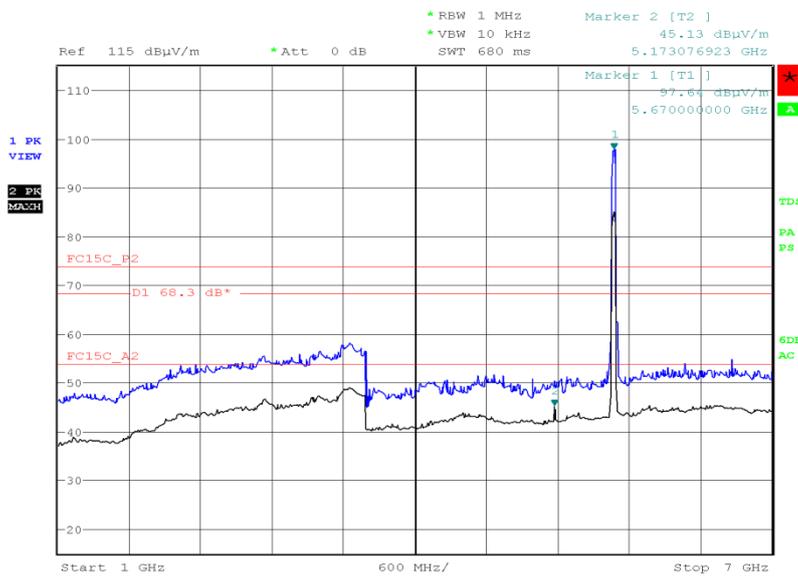
Product Service

**802.11n - 5 GHz 40 MHz Bandwidth, 5670 MHz, MCS0, 1 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Results**

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

\*No emissions were detected within 10 dB of the limit.

**802.11n - 5 GHz 40 MHz Bandwidth, 5670 MHz, MCS0, 1 GHz to 7 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**

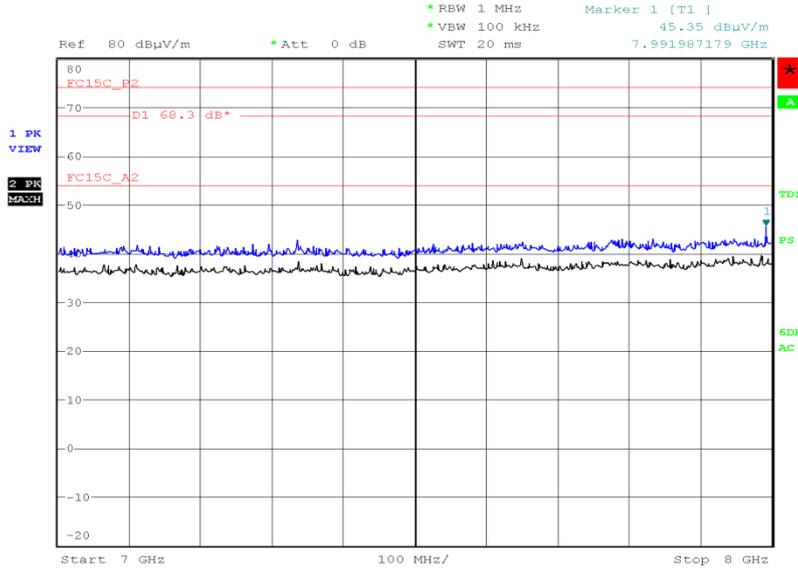


Date: 5.APR.2016 18:30:39



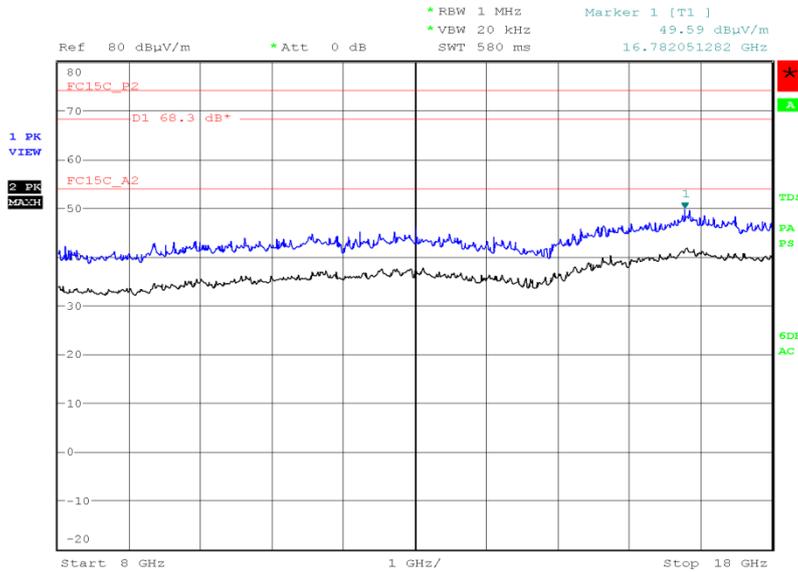
Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5670 MHz, MCS0, 7 GHz to 8 GHz, Frequency Band 3, Spurious Radiated Emissions Plot



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802.11n - 5 GHz 40 MHz Bandwidth, 5670 MHz, MCS0, 8 GHz to 18 GHz, Frequency Band 3, Spurious Radiated Emissions Plot

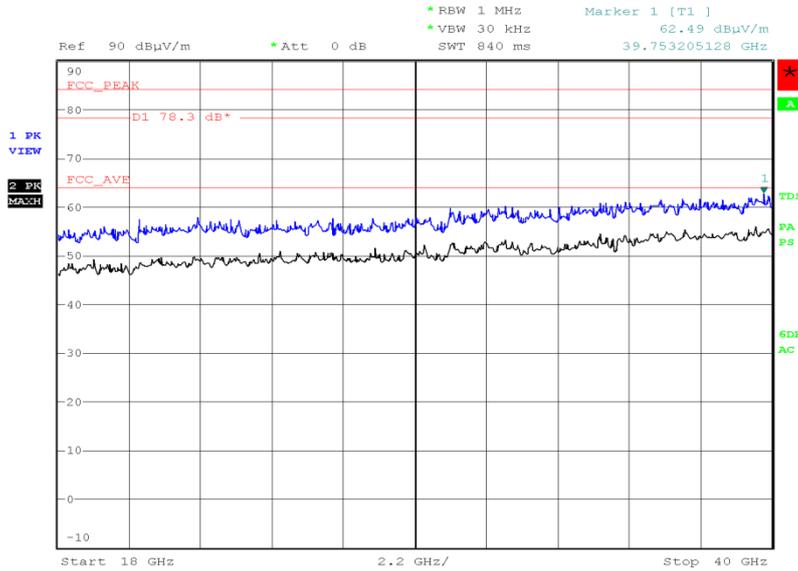


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Product Service

**802.11n - 5 GHz 40 MHz Bandwidth, 5670 MHz, MCS0, 18 GHz to 40 GHz, Frequency Band 3, Spurious Radiated Emissions Plot**



Date: 10.APR.2016 20:07:31

**FCC 47 CFR Part 15, Limit Clause 15.407 (b)(1)(2)(3)(4)(6)(7)**

Outside the 5.15 GHz to 5.35 GHz band	-27 dBm/MHz
Outside the 5.25 GHz to 5.35 GHz band	-27 dBm/MHz
Outside the 5.47 GHz to 5.725 GHz band	-27 dBm/MHz
5.715 GHz to 5.725 GHz and 5.850 GHz to 5.860 GHz band	-17 dBm/MHz
Outside the 5.715 GHz to 5.860 GHz band	-27 dBm/MHz

**FCC 47 CFR Part 15, Limit Clause 15.205**

	Peak (dBuV/m)	Average (dBuV/m)
Restricted Bands of Operation	74	54

**FCC 47 CFR Part 15, Limit Clause 15.209**

Frequency (MHz)	Field Strength			Measurement Distance (m)
	(uV/m)	Average (dBuV/m)	Peak (dBuV/m)	
30-88	100	40.0	60.0	3
88-216	150	43.5	63.5	3
216-960	200	46.0	66.0	3
Above 960	500	54.0	74.0	3



Product Service

## **2.6 FREQUENCY STABILITY**

### **2.6.1 Specification Reference**

FCC 47 CFR Part 15E, Clause 15.407 (g)

### **2.6.2 Equipment Under Test and Modification State**

S/N: IMEI 004401115722627 - Modification State 0

### **2.6.3 Date of Test**

18 April 2016 & 19 April 2016

### **2.6.4 Test Equipment Used**

The major items of test equipment used for the above tests are identified in Section 3.1.

### **2.6.5 Test Procedure**

The spectrum analyser settings were configured as defined in KDB 789033 D02 V01, Section II clause E.2 Method SA-2 Alternative, except the span was adjusted to contain the band edge to determine whether the frequency stability of the emission is maintained within the band of operation under all conditions as specified in the user manual.

For modes which support simultaneous transmissions from multiple outputs, the limit was reduced by 3 dB as specified in KDB 662911 D01 v02r01.

### **2.6.6 Environmental Conditions**

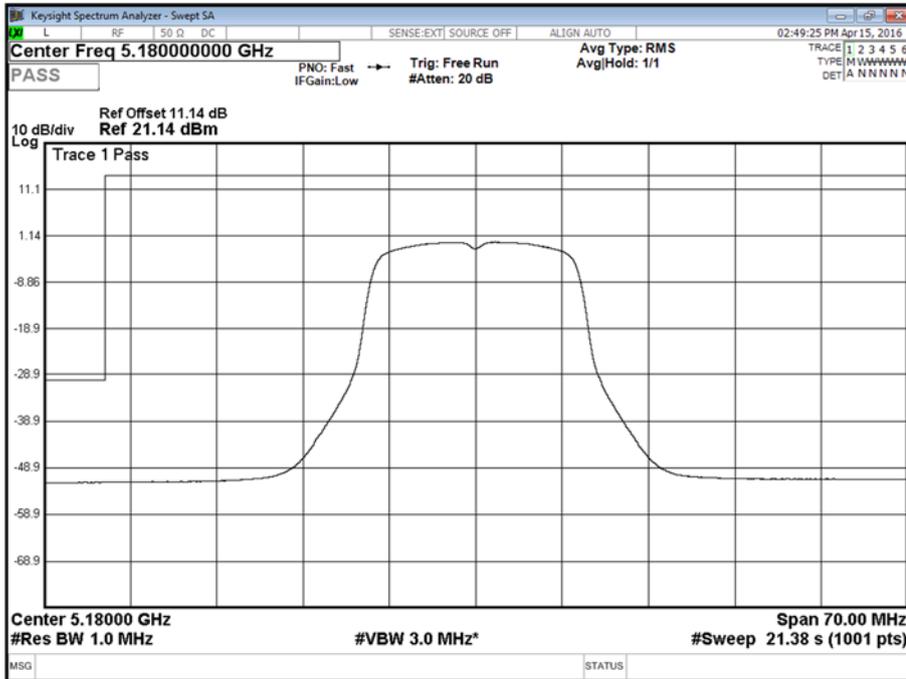
Ambient Temperature	24.4°C
Relative Humidity	24.0 - 24.5%



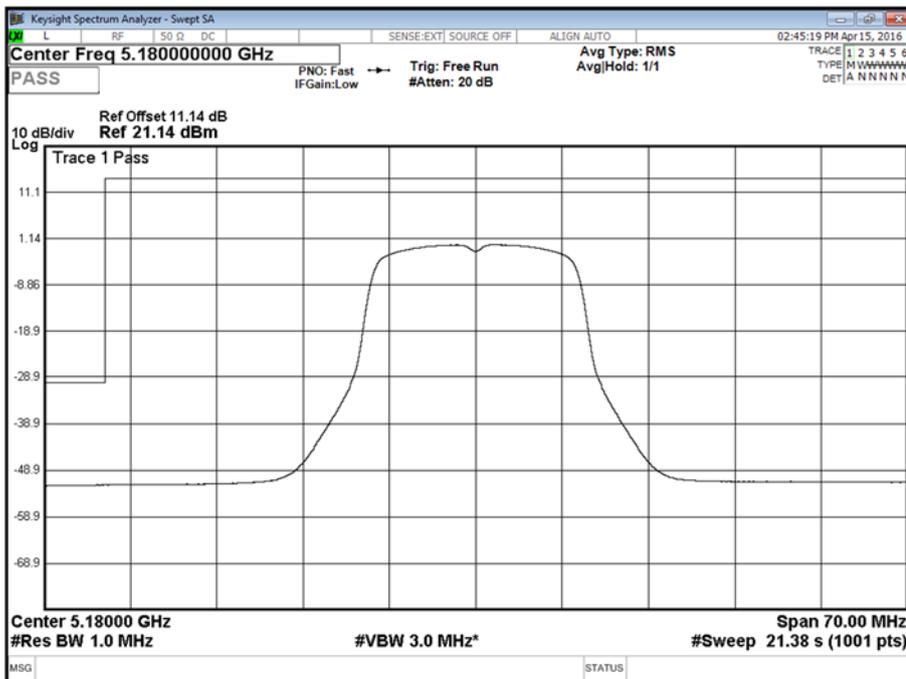
Product Service

### 2.6.7 Test Results

802.11a, 5180 MHz, -10.0, 3.7 V DC, Frequency Band 1, Frequency Stability Plot



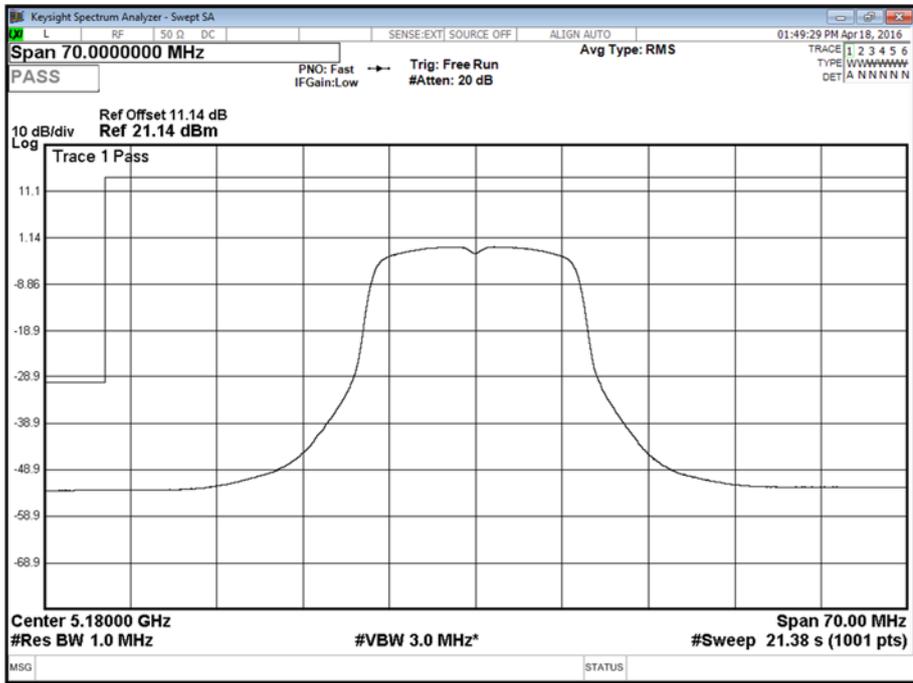
802.11a, 5180 MHz, -10.0, 4.0 V DC, Frequency Band 1, Frequency Stability Plot



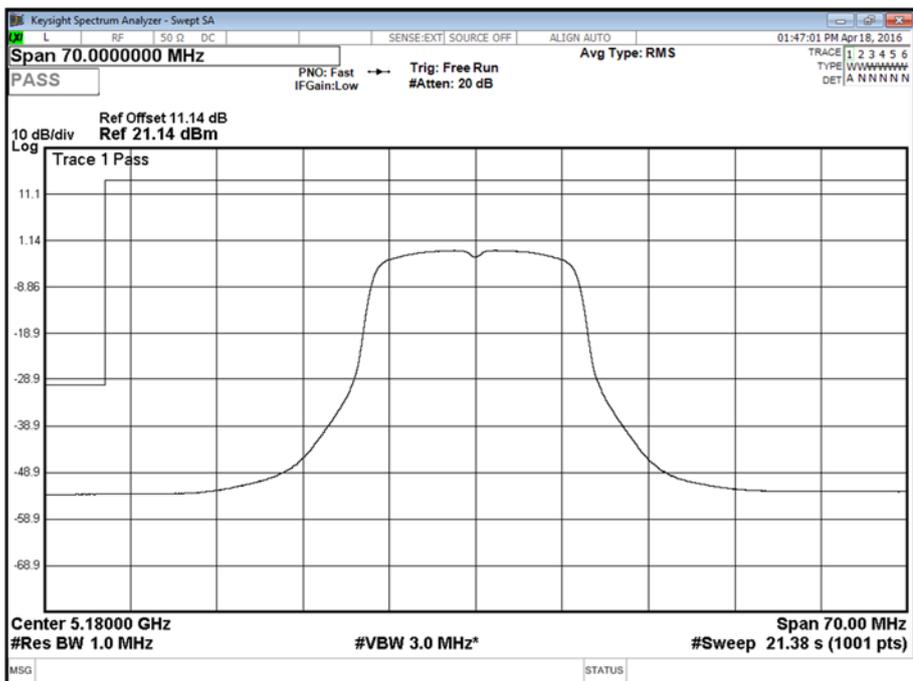


Product Service

802.11a, 5180 MHz, +55.0, 3.7 V DC Frequency Band 1, Frequency Stability Plot



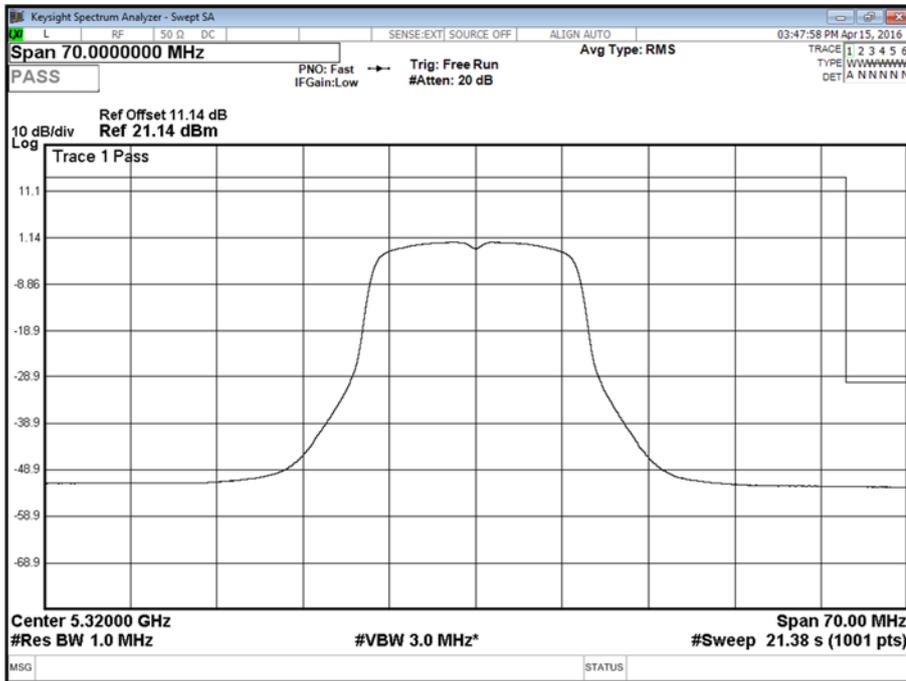
802.11a, 5180 MHz, +55.0, 4.0 V DC, Frequency Band 1, Frequency Stability Plot





Product Service

802.11a, 5320 MHz, -10.0, 3.7 V DC Frequency Band 2, Frequency Stability Plot



802.11a, 5320 MHz, -10.0, 4.0 V DC, Frequency Band 2, Frequency Stability Plot

