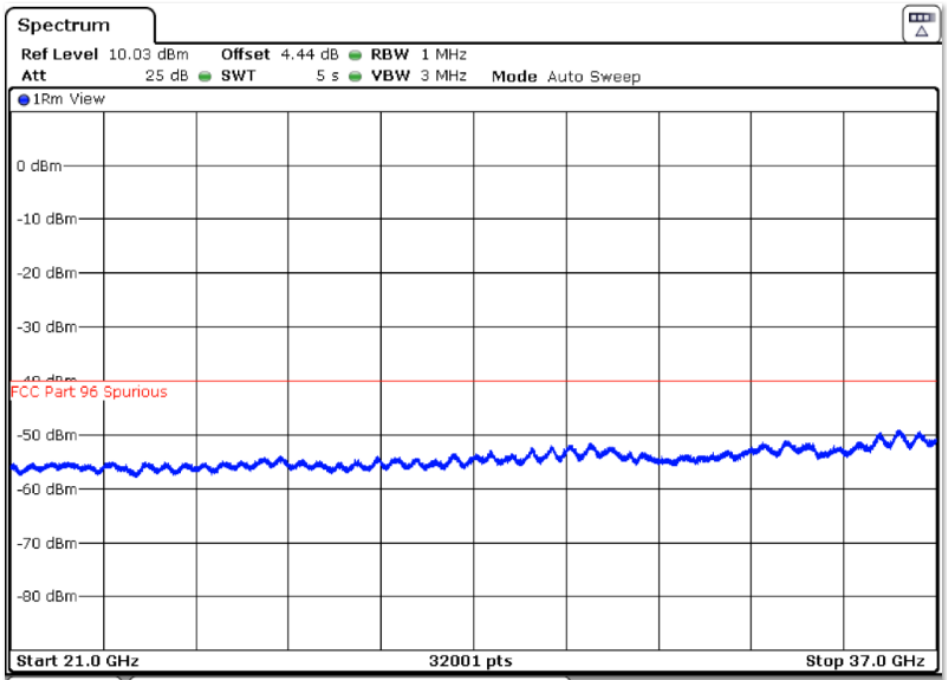
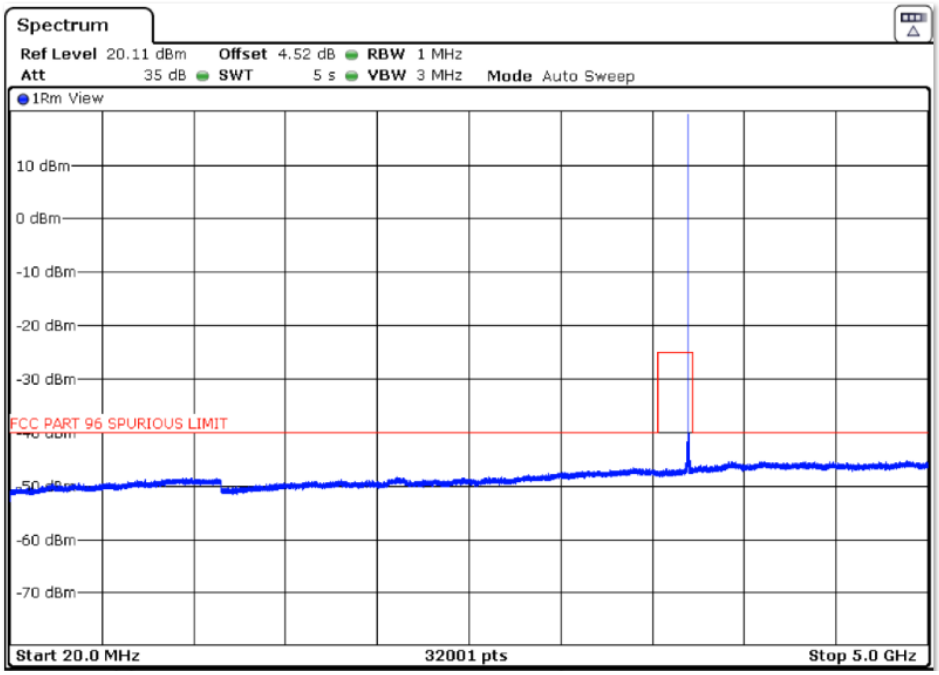
TEST RESULTS (Cont.):	

FREQUENCY RANGE 21-37 GHz



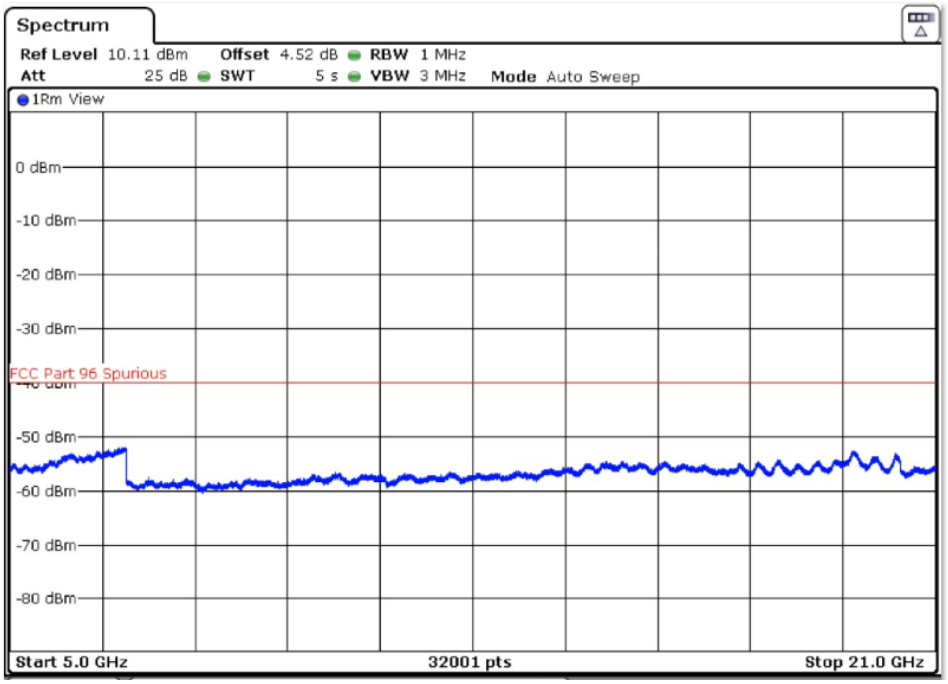
Highest Channel (3695 MHz)

FREQUENCY RANGE 20 MHz-5 GHz

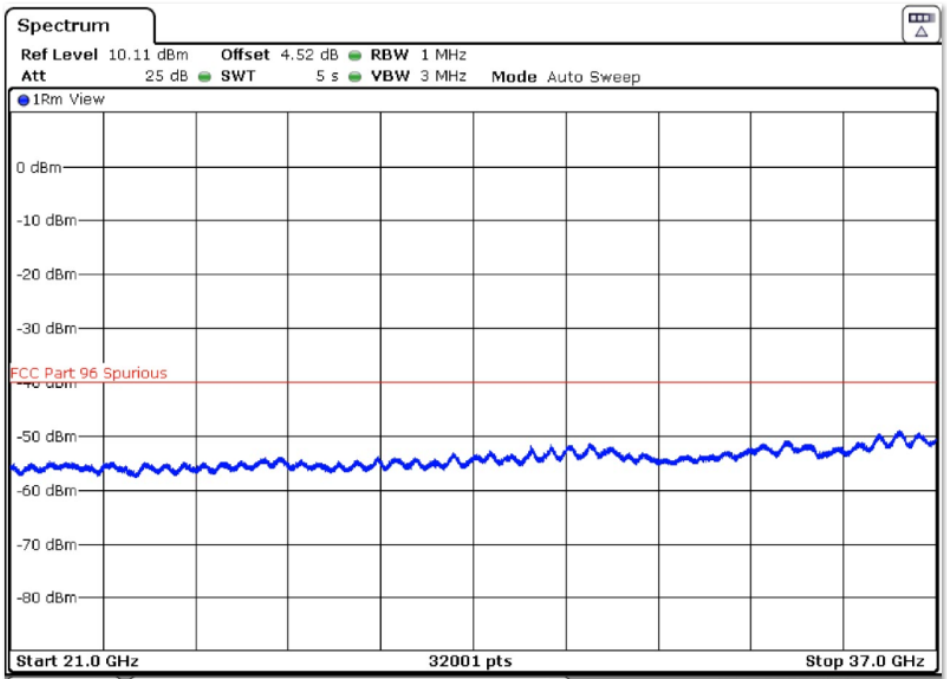


TEST RESULTS (Cont.):	

FREQUENCY RANGE 5-21 GHz



FREQUENCY RANGE 21-37 GHz

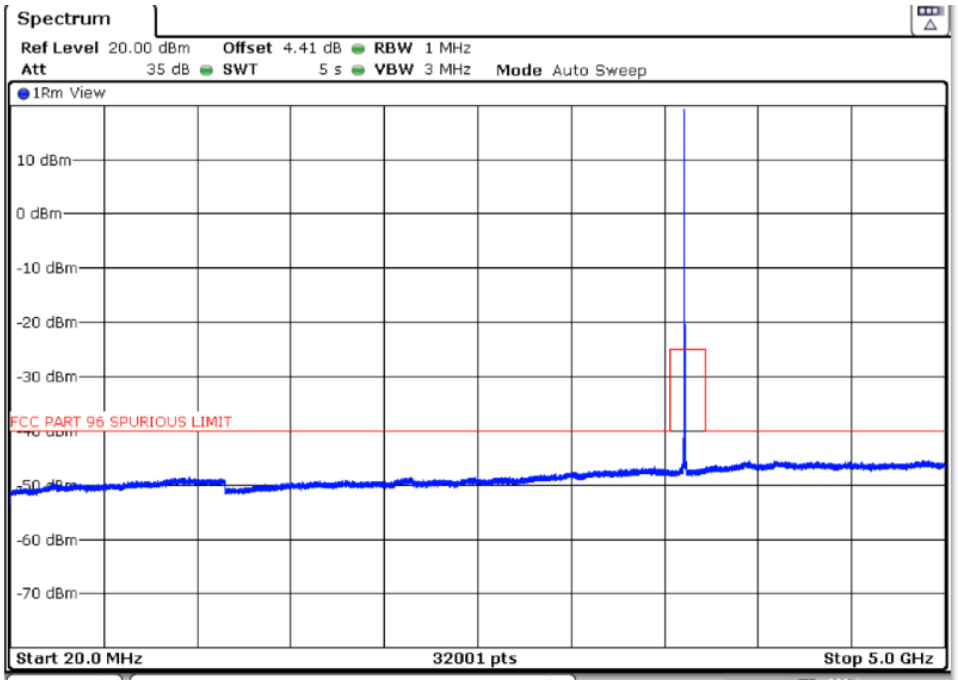


TEST RESULTS (Cont.):	

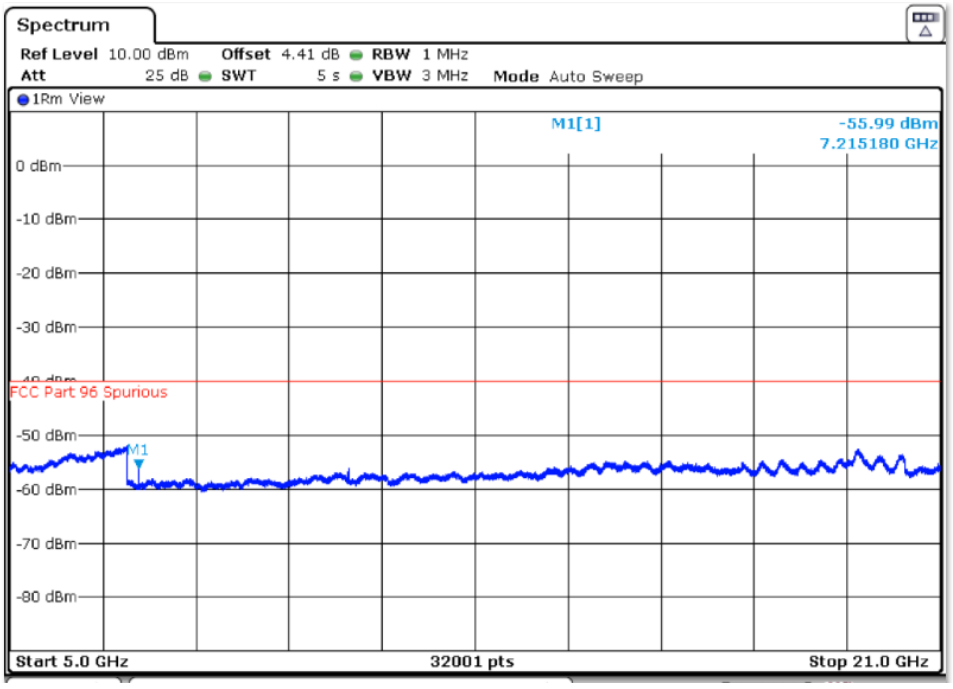
15 MHz BW

Lowest Channel (3607.5 MHz)

FREQUENCY RANGE 20 MHz-5 GHz

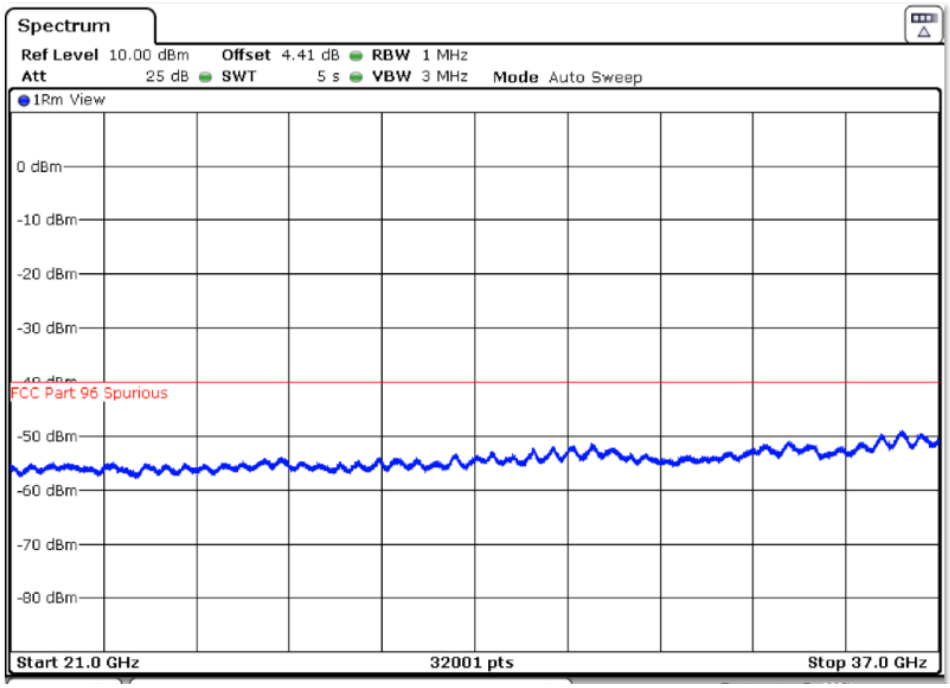


FREQUENCY RANGE 5-21 GHz



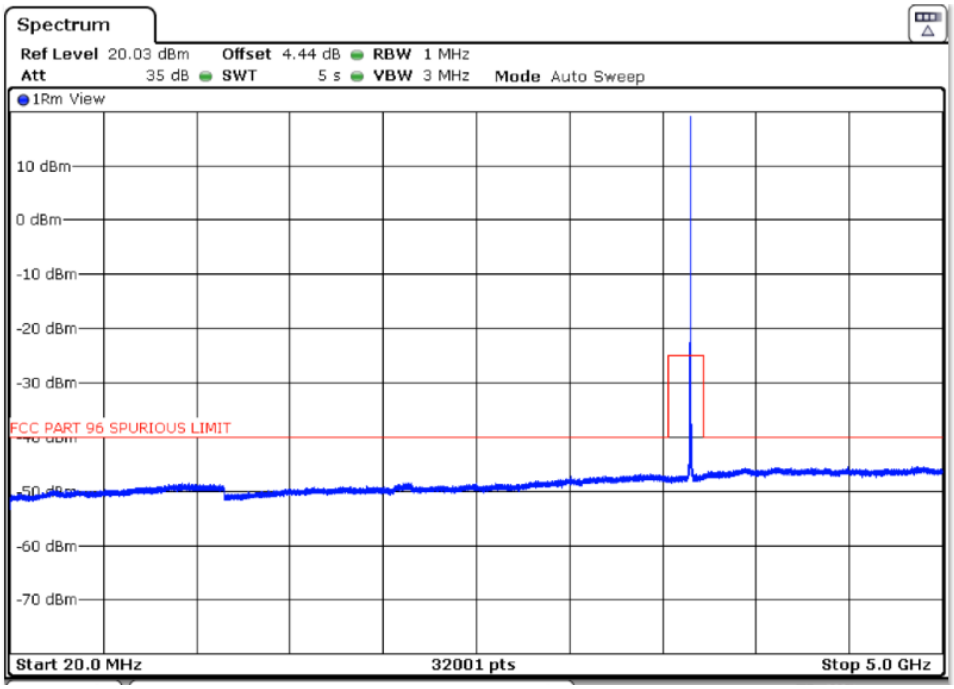
TEST RESULTS (Cont.):	

FREQUENCY RANGE 21-37 GHz



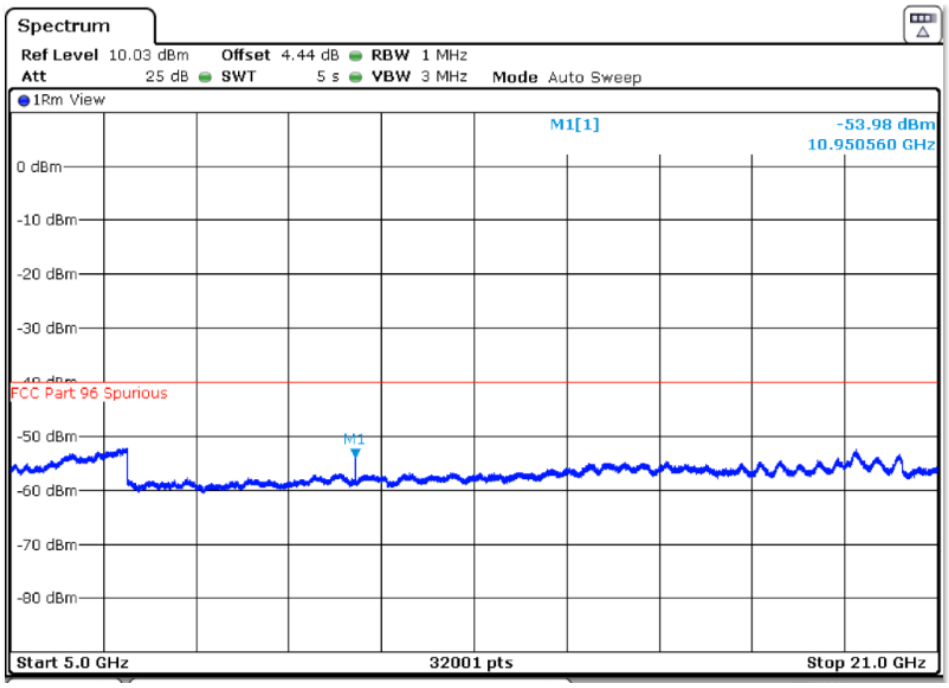
Middle Channel (3650 MHz)

FREQUENCY RANGE 20 MHz-5 GHz

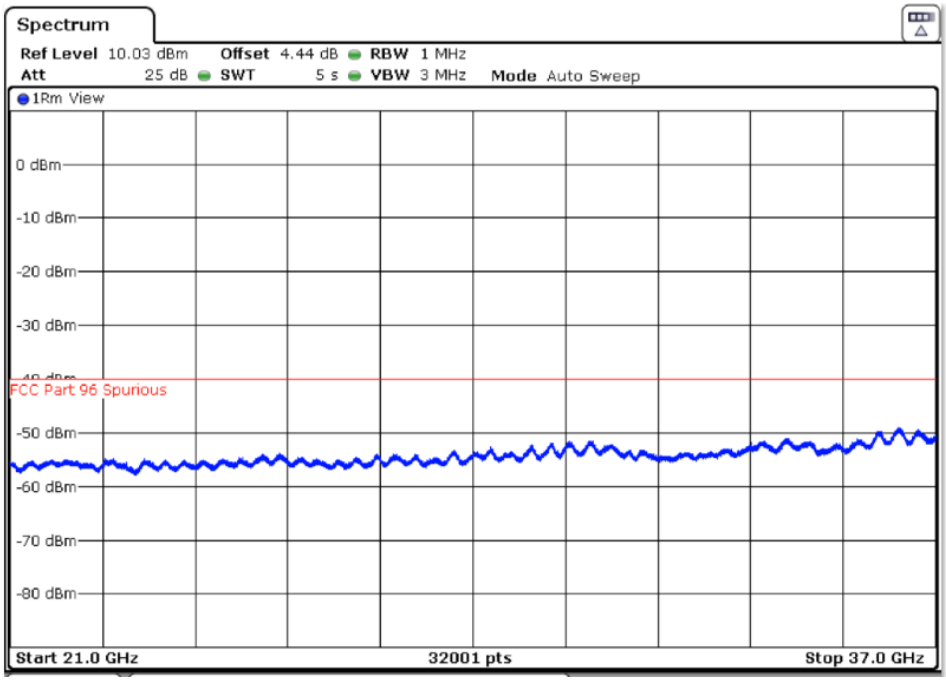


TEST RESULTS (Cont.):	

FREQUENCY RANGE 5-21 GHz



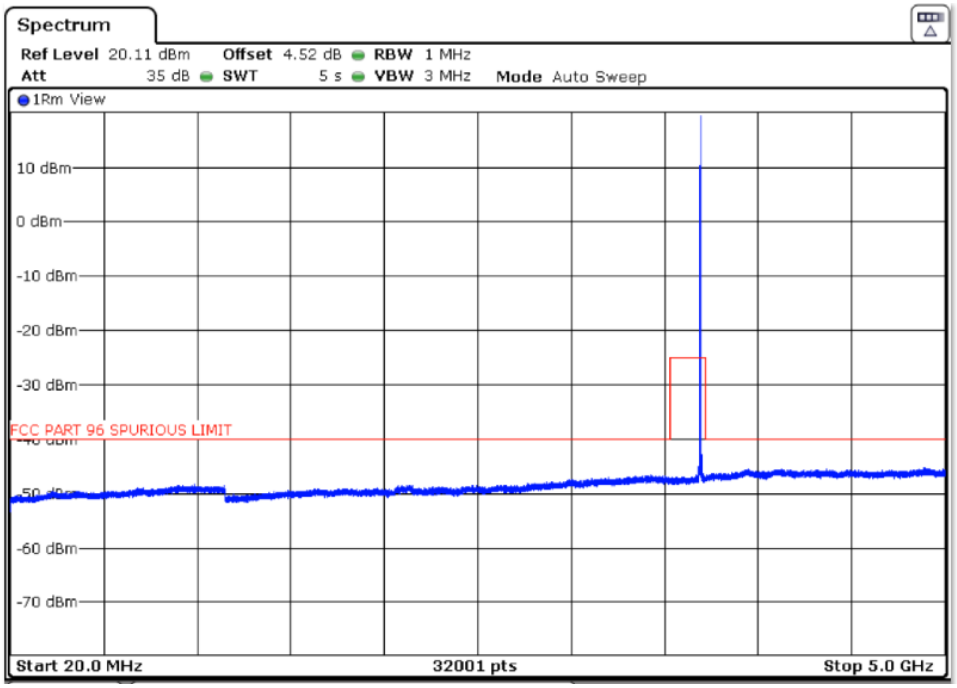
FREQUENCY RANGE 21-37 GHz



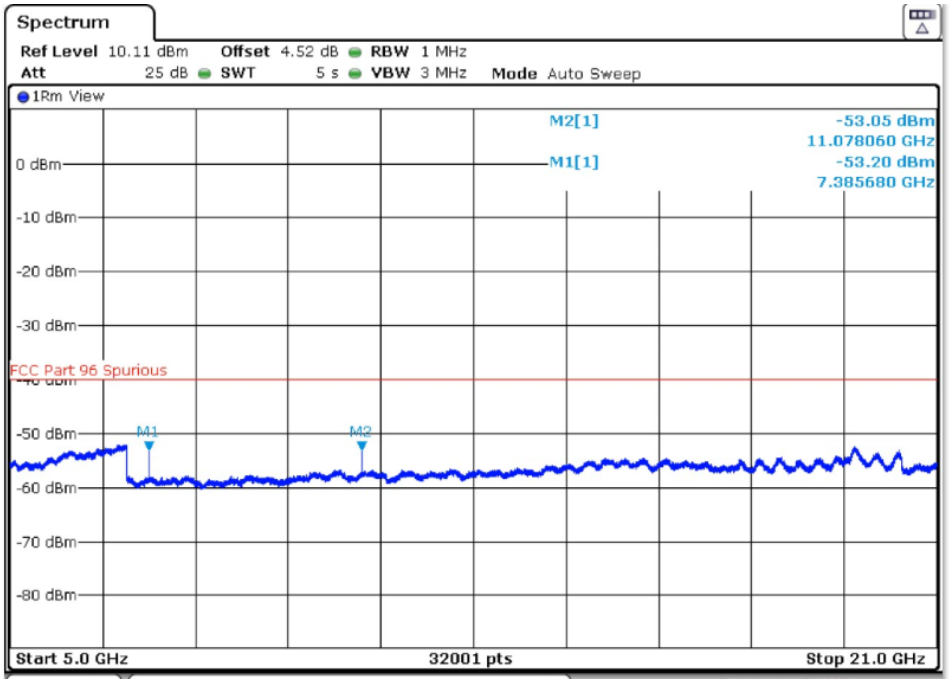
TEST RESULTS (Cont.):	

Highest Channel (3692.5 MHz)

FREQUENCY RANGE 20 MHz-5 GHz

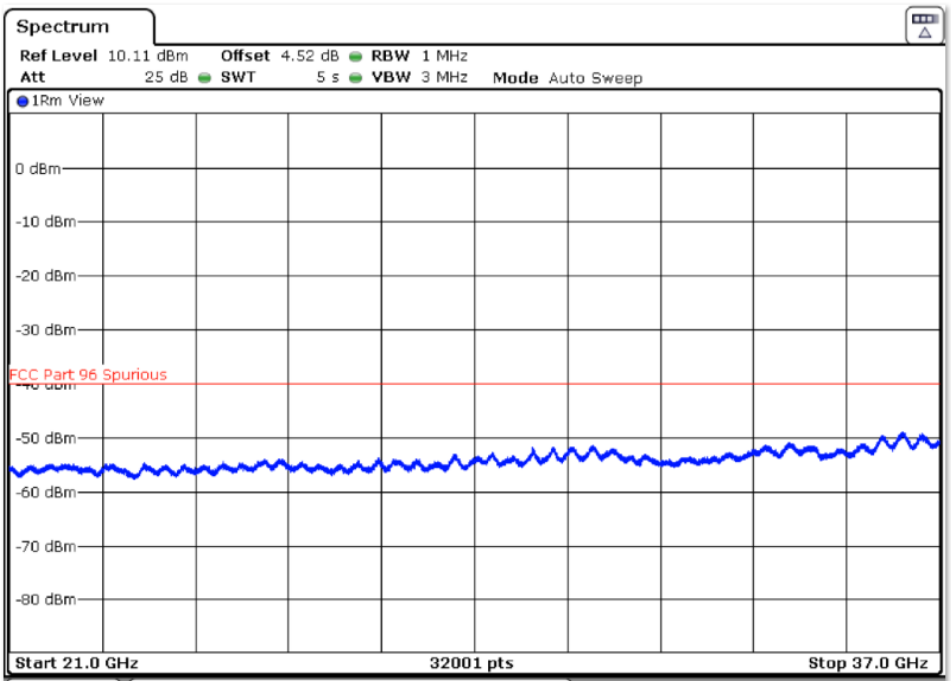


FREQUENCY RANGE 5-21 GHz



TEST RESULTS (Cont.):	

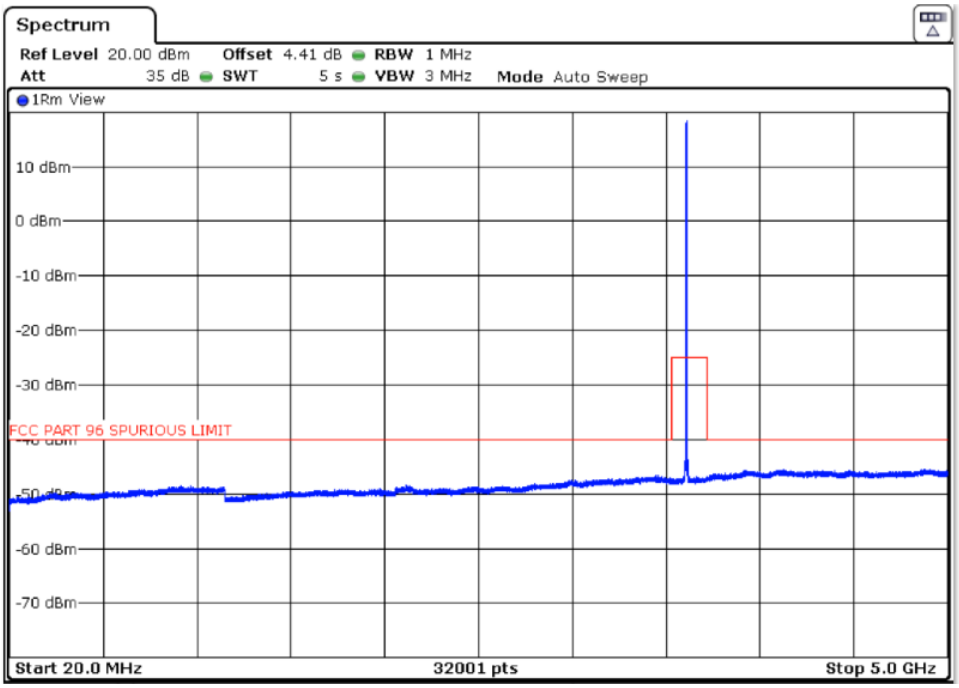
FREQUENCY RANGE 21-37 GHz



20 MHz BW

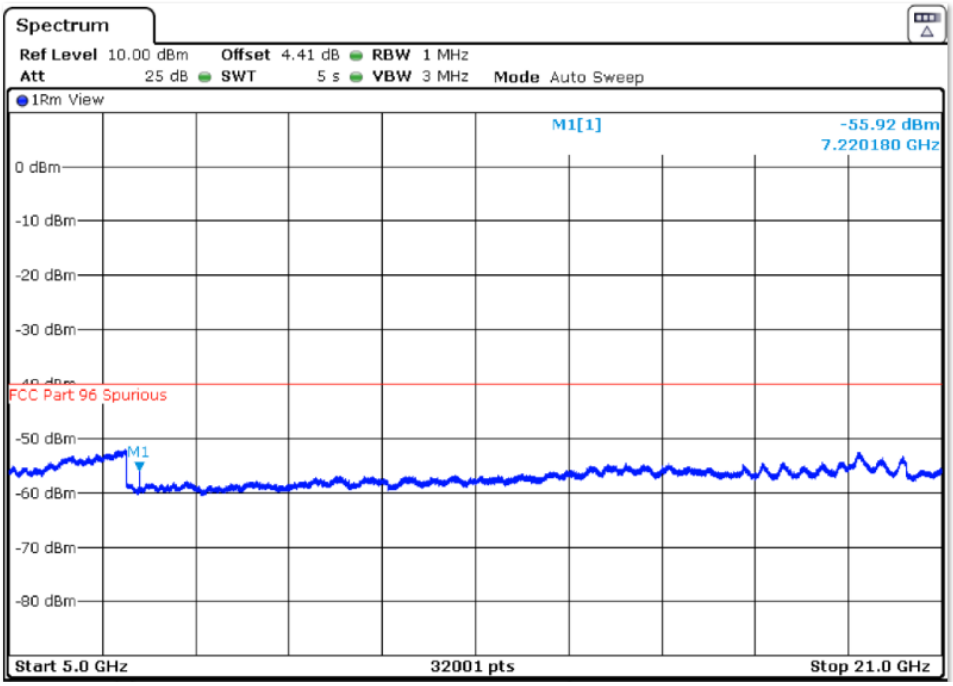
Lowest Channel (3610 MHz)

FREQUENCY RANGE 20 MHz-5 GHz

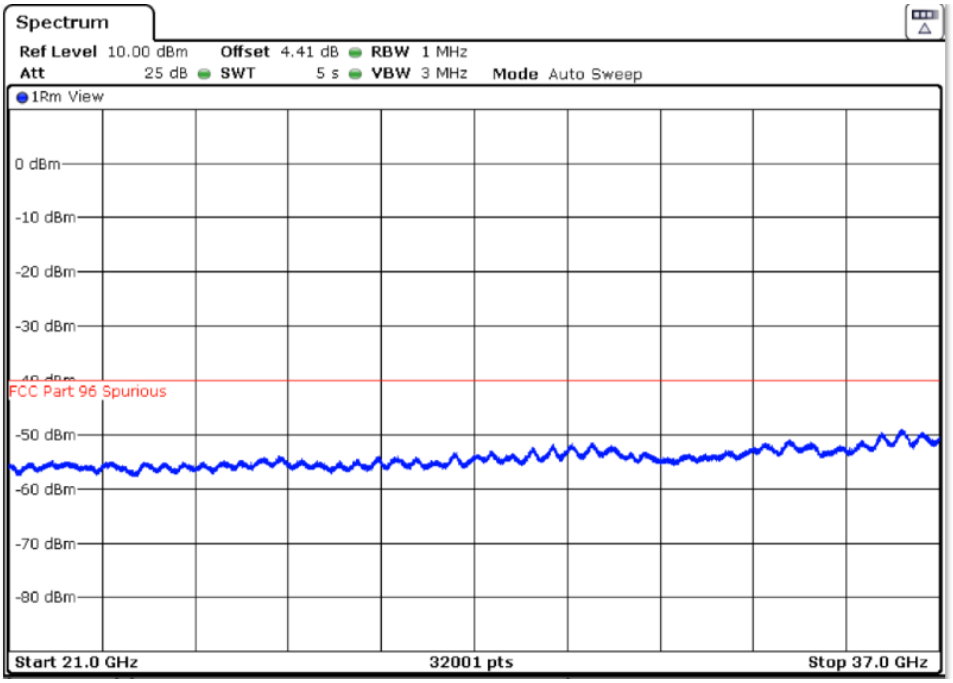


TEST RESULTS (Cont.):	

FREQUENCY RANGE 5-21 GHz



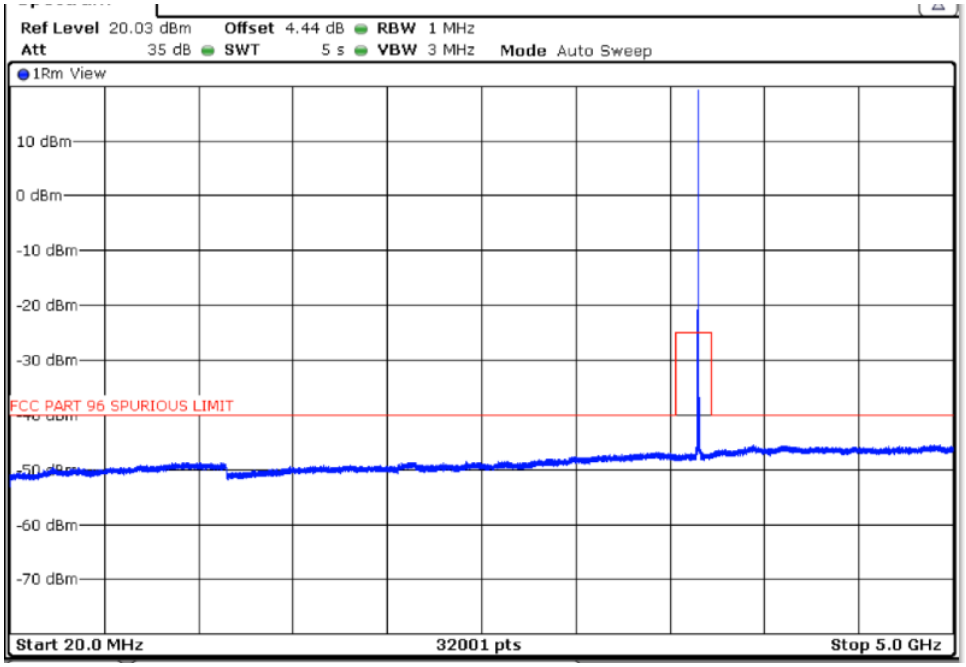
FREQUENCY RANGE 21-37 GHz



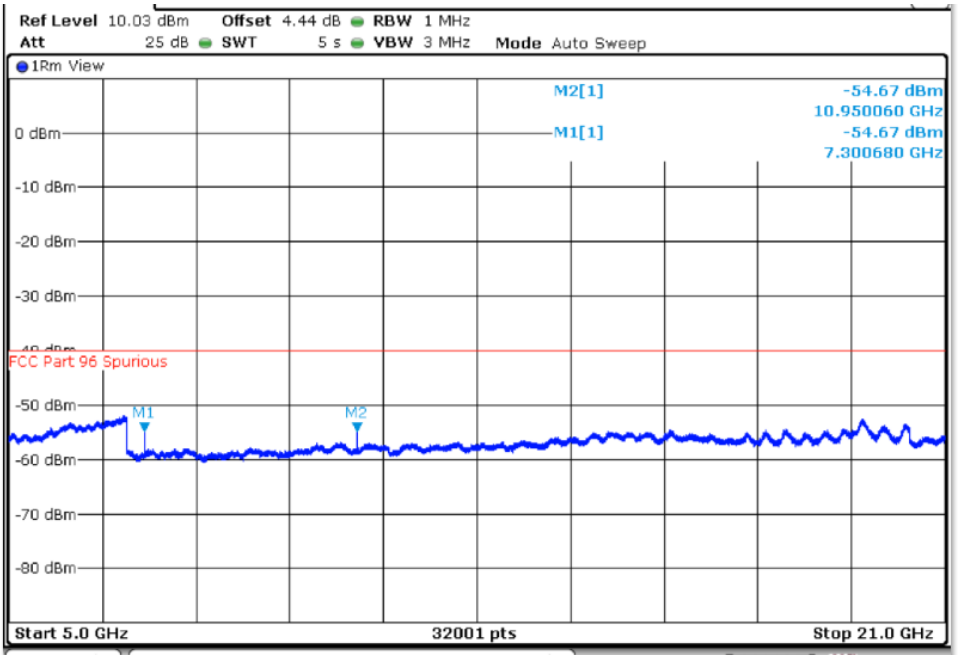
TEST RESULTS (Cont.):	

Middle Channel (3650 MHz)

FREQUENCY RANGE 20 MHz-5 GHz

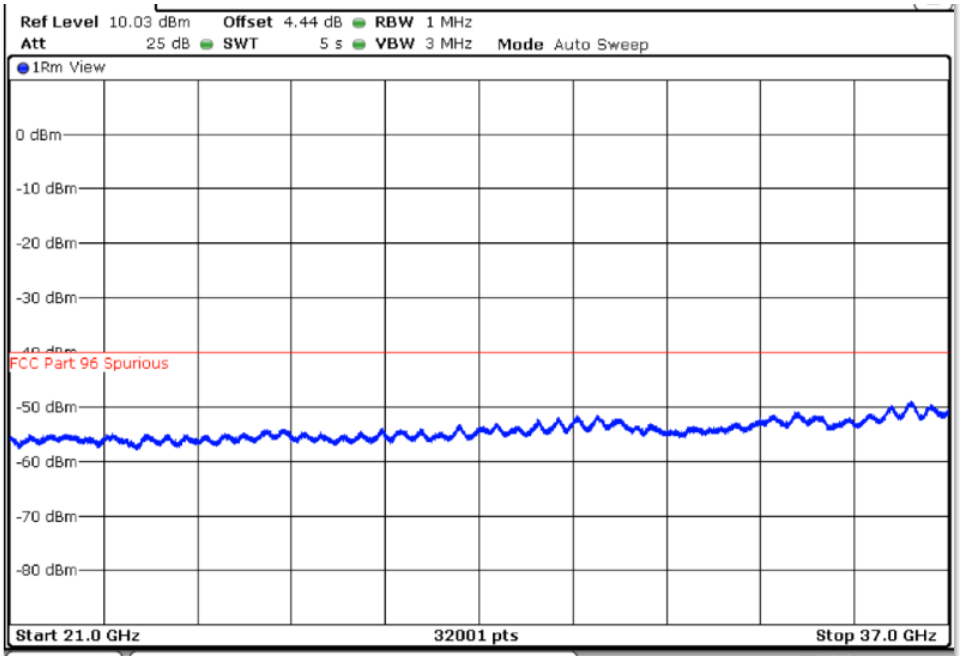


FREQUENCY RANGE 5-21 GHz



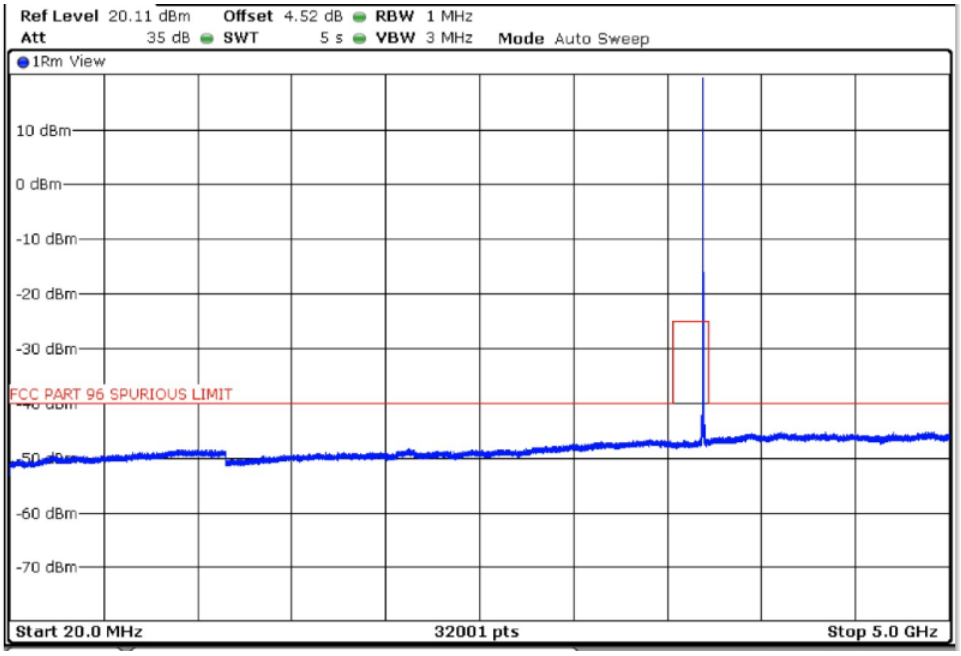
TEST RESULTS (Cont.):	

FREQUENCY RANGE 21-37 GHz



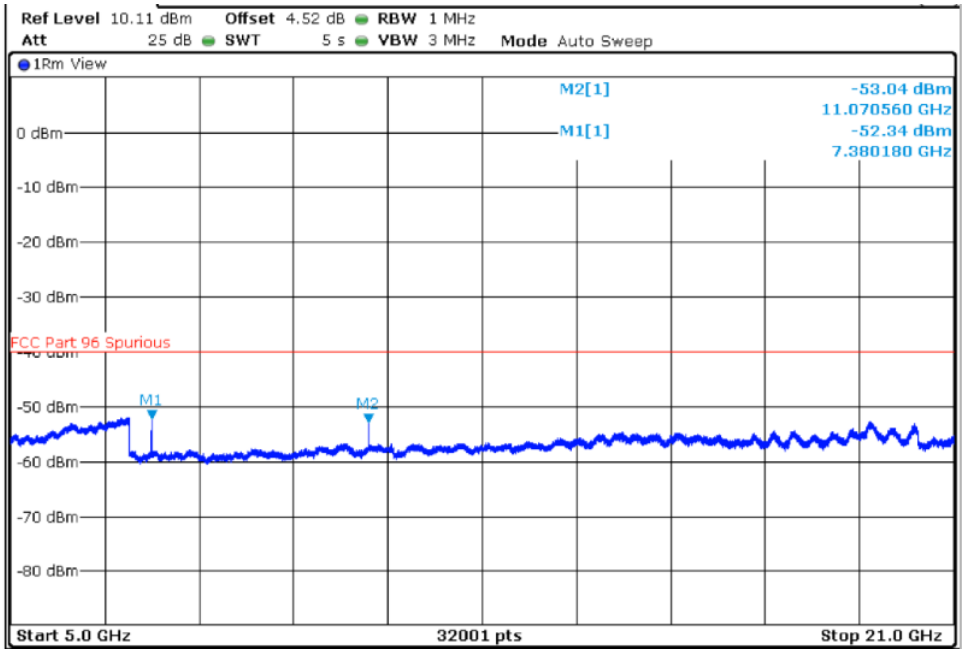
Highest Channel (3690 MHz)

FREQUENCY RANGE 20 MHz-5 GHz

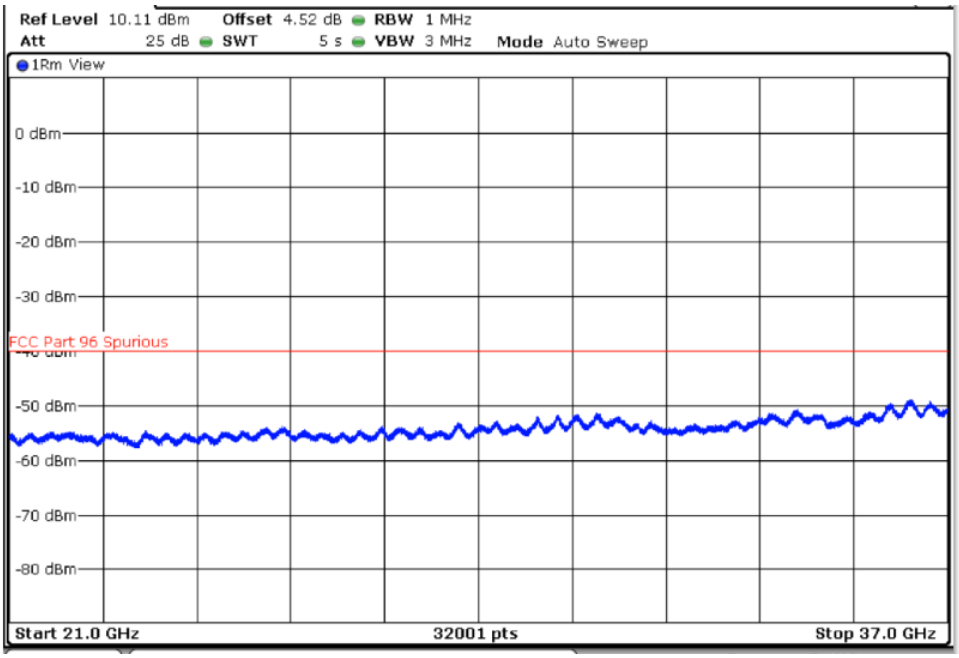


TEST RESULTS (Cont.):	

FREQUENCY RANGE 5-21 GHz



FREQUENCY RANGE 21-37 GHz



TEST A.7: RADIATED SPURIOUS EMISSION

LIMITS:	Product standard:	Part 2.1053
	Test standard:	ANSI C63.26-2015

LIMITS

Measurements shall be made to detect spurious emissions that may be radiated directly from the cabinet, control circuits, power leads, or intermediate circuit elements under normal conditions of installation and operation.

Curves or equivalent data shall be supplied showing the magnitude of each harmonic and other spurious emission. For this test, single sideband, independent sideband, and controlled carrier transmitters shall be modulated under the conditions specified in paragraph (c) of § 2.1049, as appropriate.

The limits for radiated emissions are stated below.

- greater than 10 MHz above and below the assigned channel ≤ 70.2 dBµV/m (-25 dBm/MHz: conducted limit)
- any emission below 3530 MHz and above 3720 MHz ≤ 55.2 dBµV/m (-40 dBm/MHz: conducted limit)

TEST SETUP	

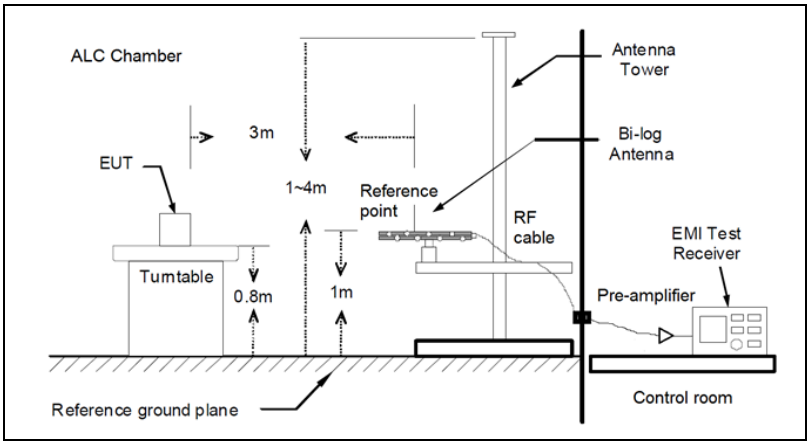
All radiated tests were performed in a semi-anechoic chamber. The measurement antenna is situated at a distance of 3 m for the frequency range 30-1000 MHz (Bilog antenna) and 1-18 GHz (Double ridge horn antenna) and at a distance of 1m for the frequency range 18-40 GHz (18 GHz-40 GHz Double ridge horn antenna).

For radiated emissions in the range 18-40 GHz that is performed at a distance closer than the specified distance, an inverse proportionality factor of 20 dB per decade is used to normalize the measured data for determining compliance

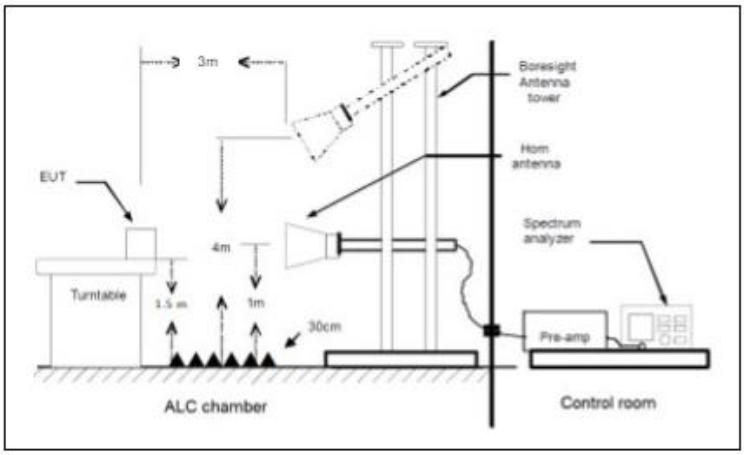
Detected emissions were maximized at each frequency by rotating the EUT and adjusting the measuring antenna height and polarization. The maximum meter reading was recorded. The radiated emissions were measured with RMS detector.

TEST SETUP (Cont.)	

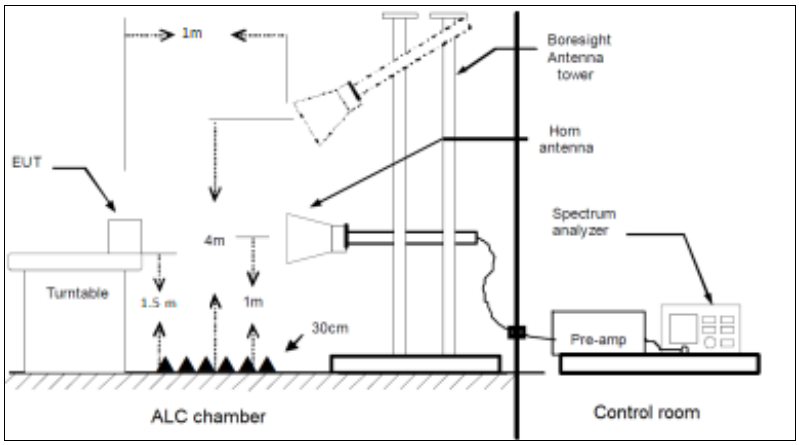
Radiated measurements Setup f < 1 GHz



Radiated measurements setup f > 1 GHz



Radiated measurements setup f > 18 GHz



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (Band 48)
TEST RESULTS:	PASS

Frequency range 30 MHz – 1000 MHz

The spurious emissions below 1 GHz do not depend on the operating channel selected in the EUT.

Radiated spurious signal was detected at less than 20 dB respect to the limit for the lowest, middle and highest channels in all four BWs. The plots are shown only for 5 MHz BW middle channel as a worst case.

Frequency range 1 GHz – 18 GHz
Radiated spurious signal was detected at less than 20 dB respect to the limit for the lowest, middle and highest channels in all four BWs.

Frequency range 18 GHz – 40 GHz
Radiated spurious signal was detected at less than 20 dB respect to the limit for the lowest, middle and highest channels in all four BWs

5 MHz BW

Lowest Channel (3552.5 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3528.050000	52.7	V	2.5	55.2	
3530.325000	52.2	V	3.0	70.2	
3552.550000	115.1	V	---	---	Fundamental
7105.017857	37.9	V	17.3	55.2	
10657.446429	40.0	V	15.2	55.2	
14210.357143	45.0	V	10.2	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
35388.937500	41.2	V	14.0	55.2

Middle Channel (3625 MHz)

Frequency range 30 MHz – 1000 MHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
621.215000	36.7	V	18.5	55.2
950.724000	40.2	H	15.0	55.2

TEST RESULTS (Cont.):	

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3625.000000	113.9	V	---	---	Fundamental
7249.660714	38.2	V	17.0	55.2	
10874.892857	41.1	V	14.1	55.2	
14500.125000	42.1	V	13.1	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
18124.437500	38.1	V	17.1	55.2

Highest Channel (3697.5 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS	Limit - RMS	Comment
3697.275000	112.9	V	---	---	Fundamental
3719.850000	52.0	V	18.2	70.2	
3720.200000	50.8	V	4.4	55.2	
11092.339286	41.4	V	13.8	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
32655.437500	39.8	H	15.4	55.2

10 MHz BW

Lowest Channel (3555 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3555.000000	112.7	V	---	---	Fundamental
14220.000000	45.1	V	10.1	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
35595.187500	40.4	V	14.8	55.2

TEST RESULTS (Cont.):	

Middle Channel (3625 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3624.825000	113.6	V	---	---	Fundamental
7249.660714	37.7	V	17.5	55.2	
10874.410714	39.2	V	16.0	55.2	
14499.642857	41.7	V	13.5	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
18124.437500	37.9	V	17.3	55.2

Highest Channel (3695 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3694.825000	112.5	V	---	---	Fundamental
3721.250000	38.1	V	17.1	55.2	
11084.625000	41.0	V	14.2	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
36985.312500	39.7	V	15.5	55.2

15 MHz BW

Lowest Channel (3557.5 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3557.275000	115.4	V	---	---	Fundamental
7114.660714	37.6	V	17.6	55.2	
14229.160714	46.3	V	8.9	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
35639.187500	41.4	H	13.8	55.2

TEST RESULTS (Cont.):	

Middle Channel (3625 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3625.000000	114.3	V	---	---	Fundamental
7249.178572	38.0	V	17.2	55.2	
10874.410714	42.9	V	12.3	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
18123.750000	37.2	V	18.0	55.2

Highest Channel (3692.5 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3692.200000	112.7	H	---	---	Fundamental
3723.000000	36.4	V	18.8	55.2	
11077.875000	40.0	V	15.2	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
37002.500000	40.1	V	15.1	55.2

20 MHz BW

Lowest Channel (3560 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3559.900000	115.1	V	---	---	Fundamental
7119.964286	37.5	V	17.7	55.2	
10680.107143	39.0	V	16.2	55.2	
14239.767857	46.1	V	9.1	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
35744.375000	41.4	V	13.8	55.2

TEST RESULTS (Cont.):	

Middle Channel (3625 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3624.825000	112.4	V	---	---	Fundamental
7249.660714	38.2	V	17.0	55.2	
10874.892857	41.0	V	14.2	55.2	
14499.642857	42.5	V	12.7	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
18124.437500	38.2	V	17.0	55.2

Highest Channel (3690 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3689.925000	112.5	V	---	---	Fundamental
11069.678572	42.0	V	13.2	55.2	
14760.000000	41.8	V	13.4	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
36774.250000	40.3	V	14.9	55.2

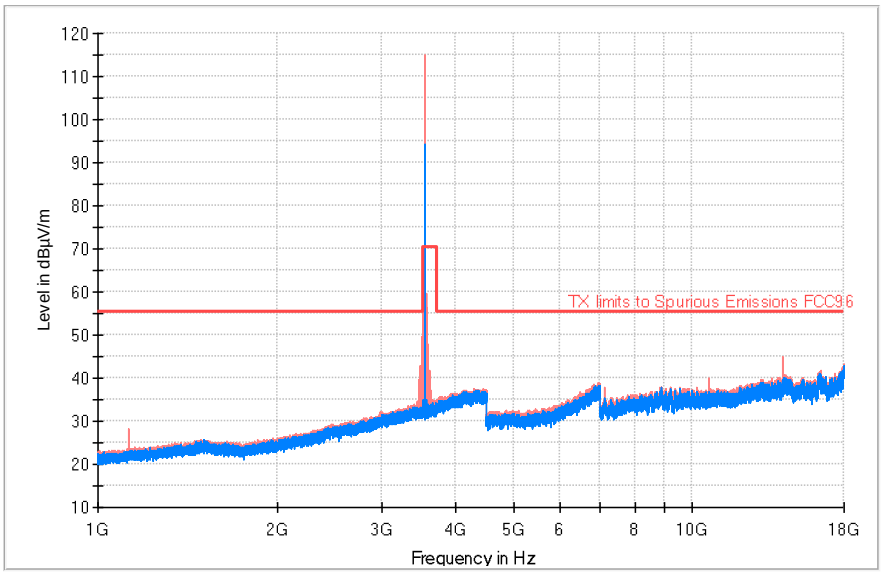
Verdict: PASS

(See next plots)

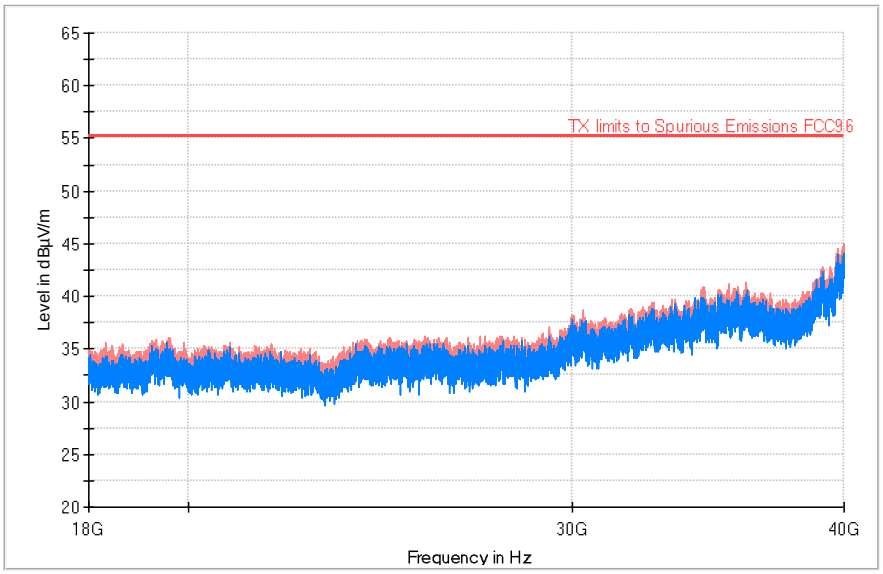
TEST RESULTS (Cont.):	Lowest Channel (3552.5 MHz)

5 MHz BW

FREQUENCY RANGE 1 GHz-18 GHz



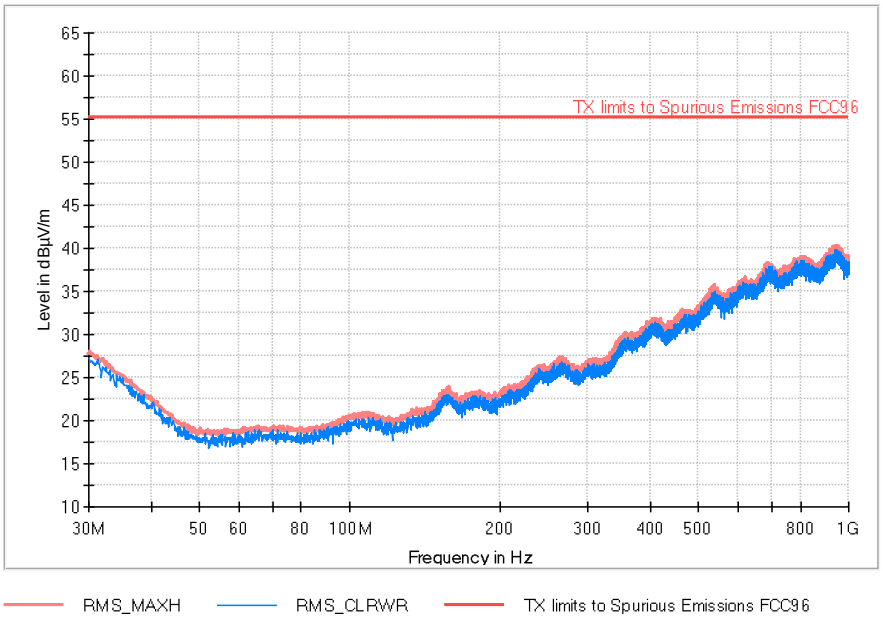
FREQUENCY RANGE 18 GHz-40 GHz



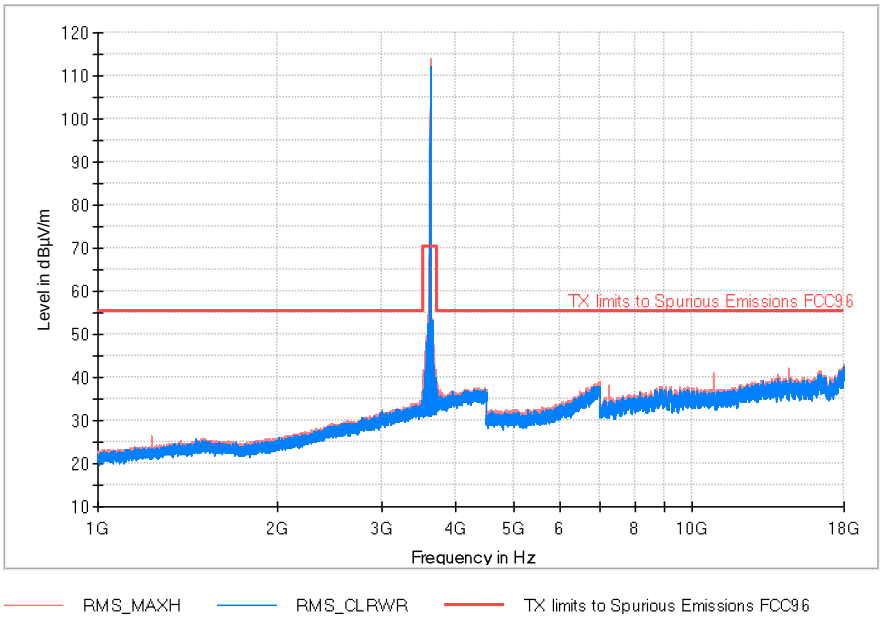
TEST RESULTS (Cont.):	Middle Channel (3625 MHz)

5 MHz BW

FREQUENCY RANGE 30 MHz-1 GHz

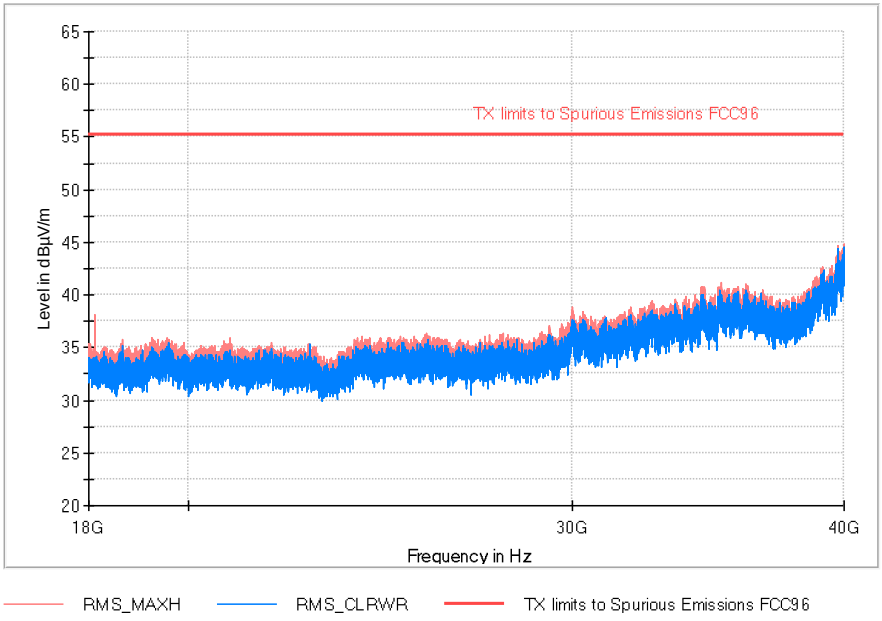


FREQUENCY RANGE 1 GHz-18 GHz



TEST RESULTS (Cont.):	

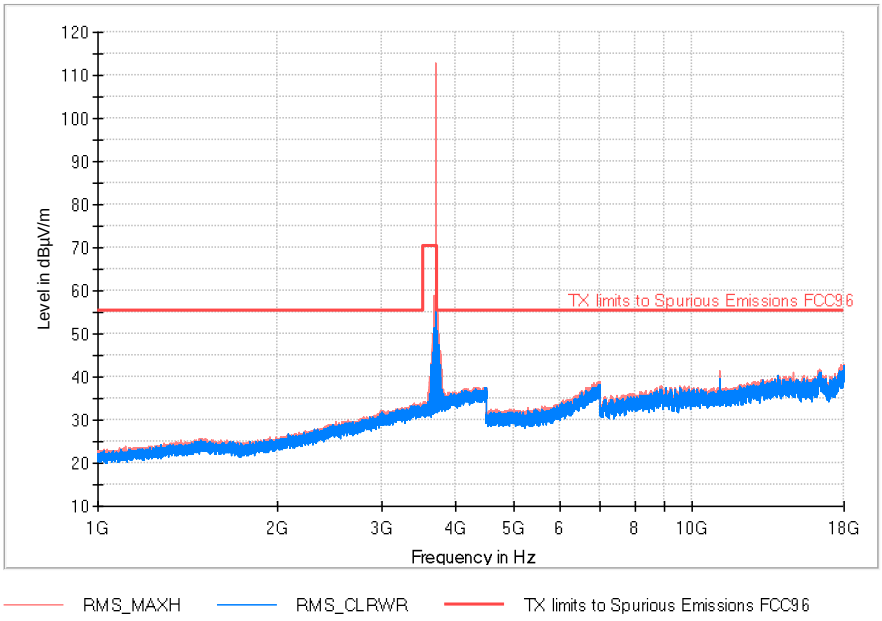
FREQUENCY RANGE 18 GHz-40 GHz



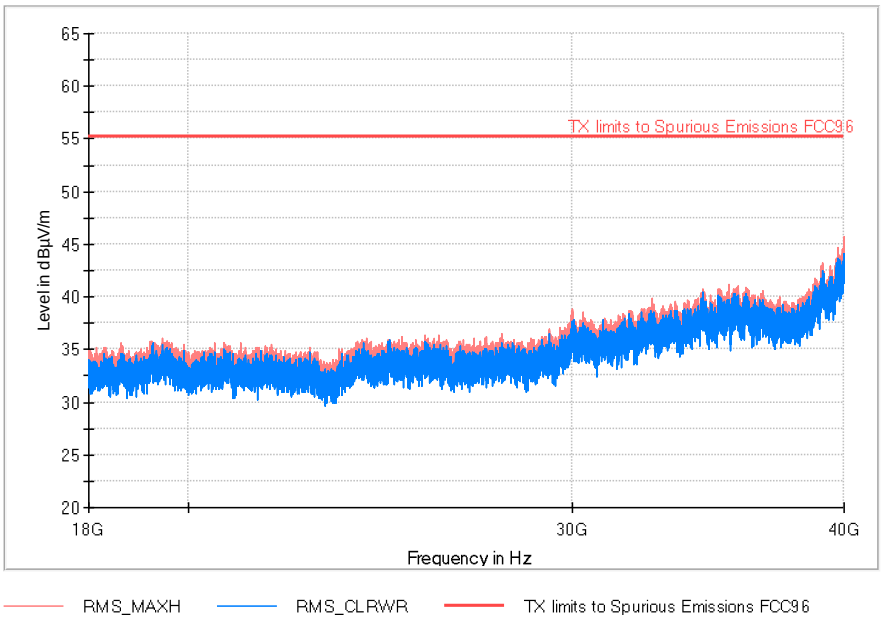
TEST RESULTS (Cont.):	Highest Channel (3697.5 MHz)

5 MHz BW

FREQUENCY RANGE 1 GHz-18 GHz



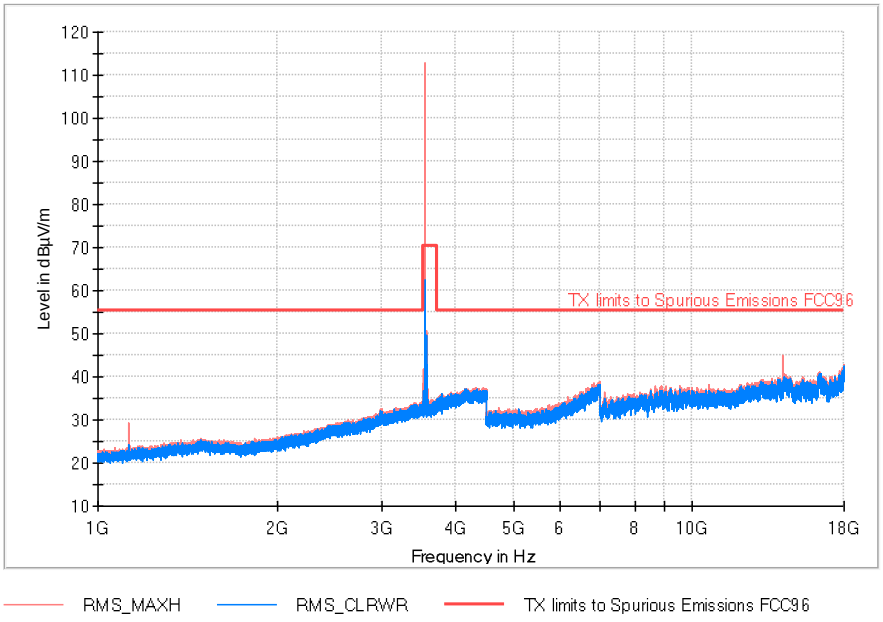
FREQUENCY RANGE 18 GHz-40 GHz



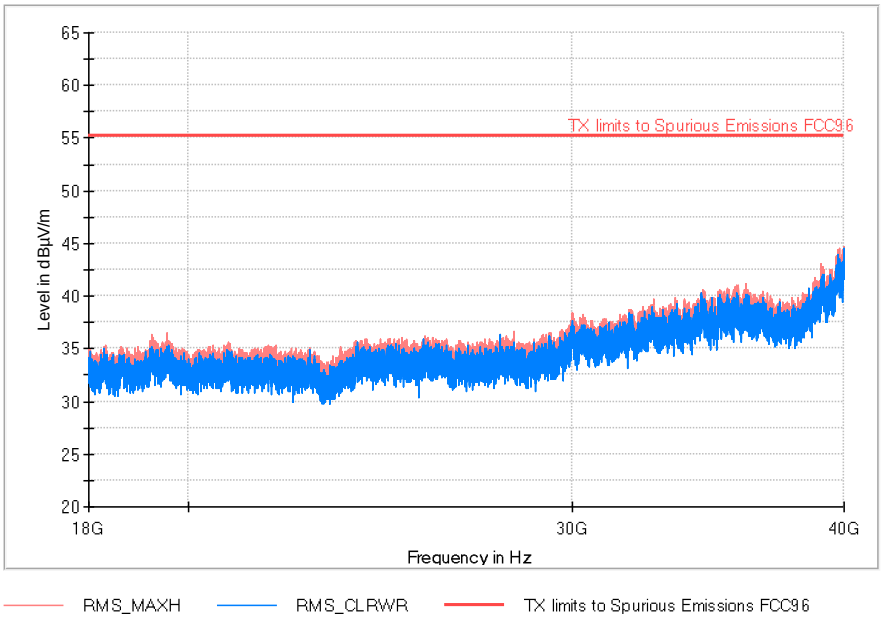
TEST RESULTS (Cont.):	Lowest Channel (3555 MHz)

10 MHz BW

FREQUENCY RANGE 1 GHz-18 GHz



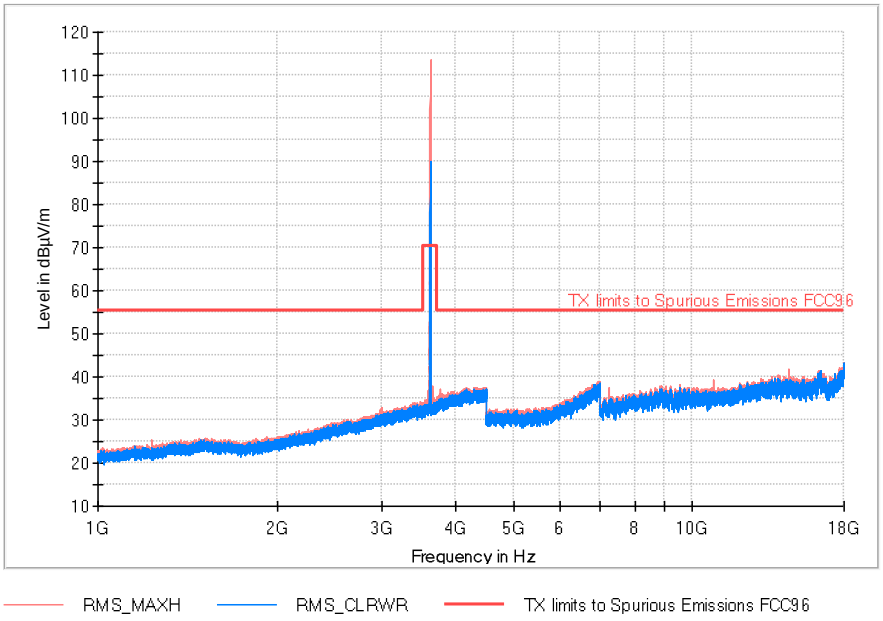
FREQUENCY RANGE 18 GHz-40 GHz



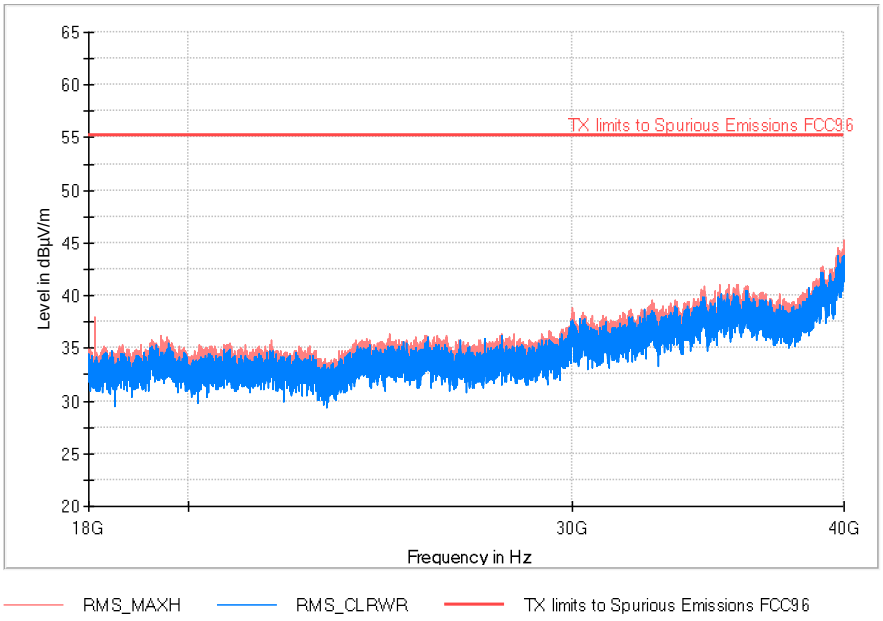
TEST RESULTS (Cont.):	Middle Channel (3625 MHz)

10 MHz BW

FREQUENCY RANGE 1 GHz-18 GHz



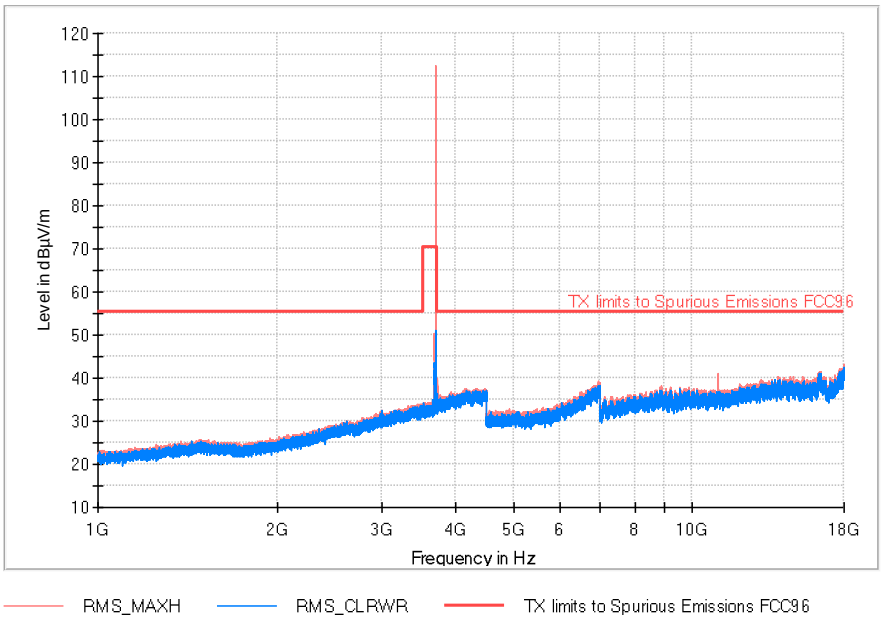
FREQUENCY RANGE 18 GHz-40 GHz



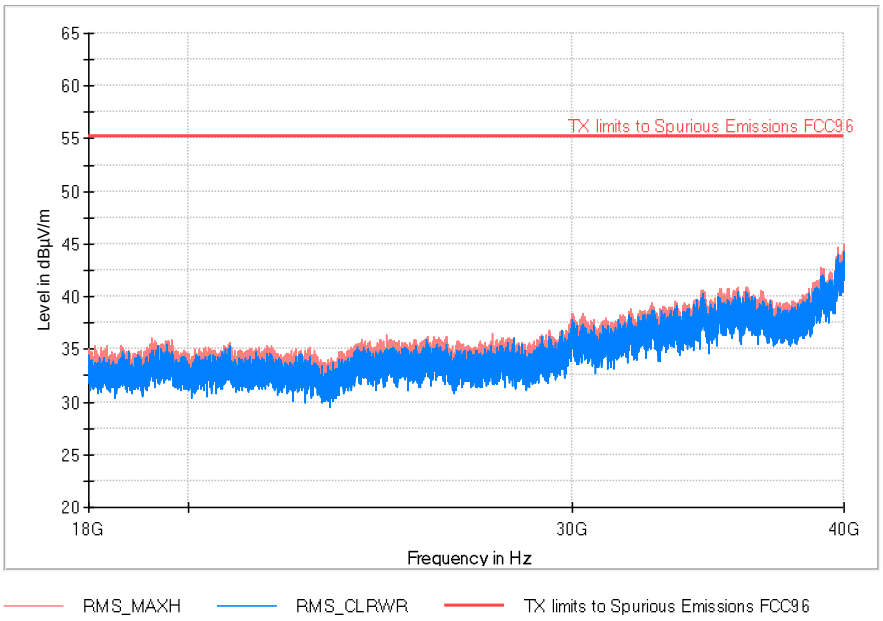
TEST RESULTS (Cont.):	Highest Channel (3695 MHz)

10 MHz BW

FREQUENCY RANGE 1 GHz-18 GHz



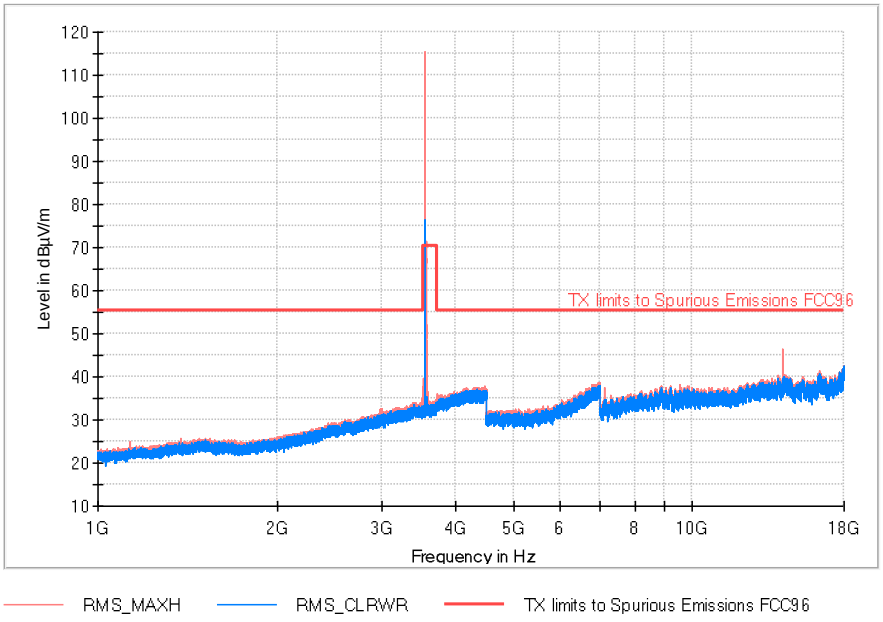
FREQUENCY RANGE 18 GHz-40 GHz



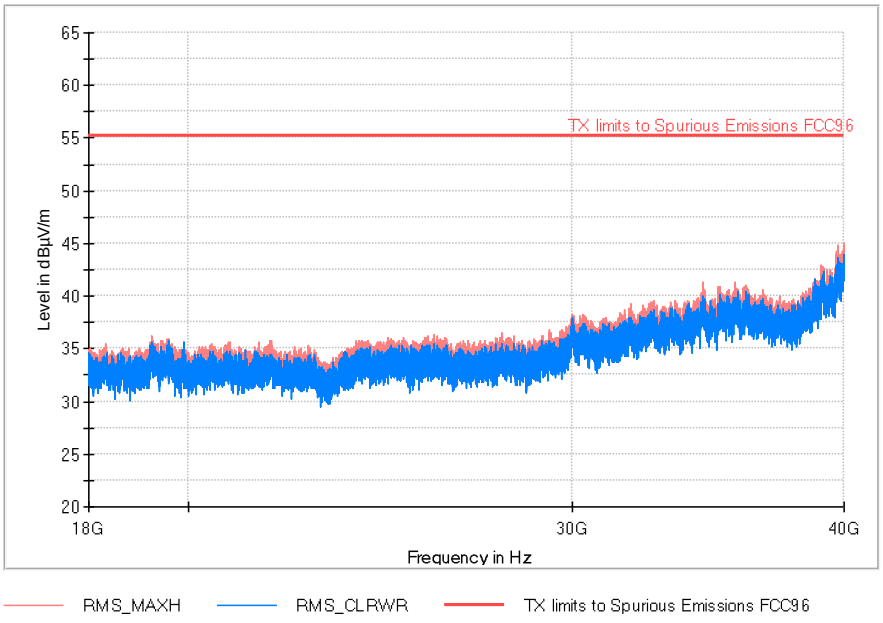
TEST RESULTS (Cont.):	Lowest Channel (3557.5 MHz)

15 MHz BW

FREQUENCY RANGE 1 GHz-18 GHz



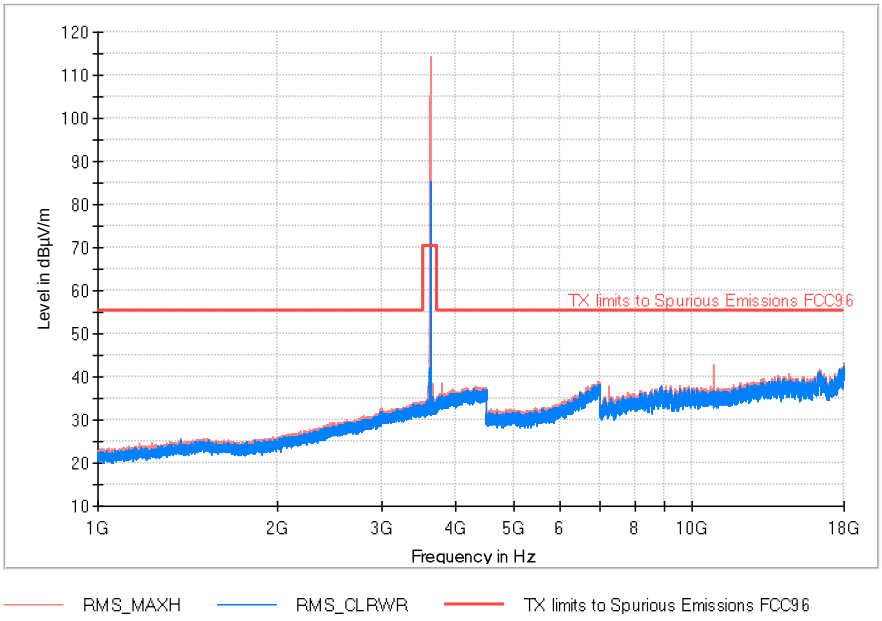
FREQUENCY RANGE 18 GHz-40 GHz



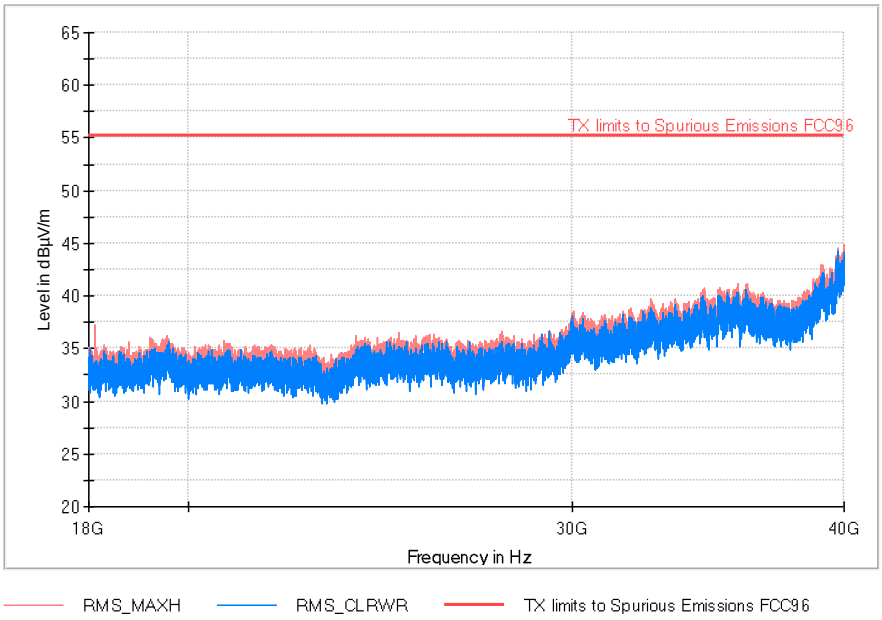
TEST RESULTS (Cont.):	Middle Channel (3625 MHz)

15 MHz BW

FREQUENCY RANGE 1 GHz-18 GHz



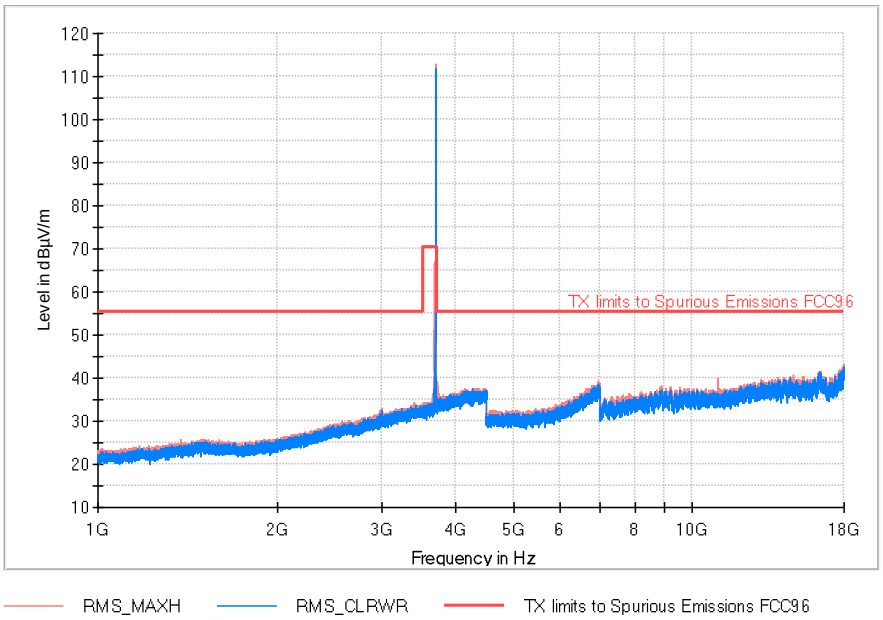
FREQUENCY RANGE 18 GHz-40 GHz



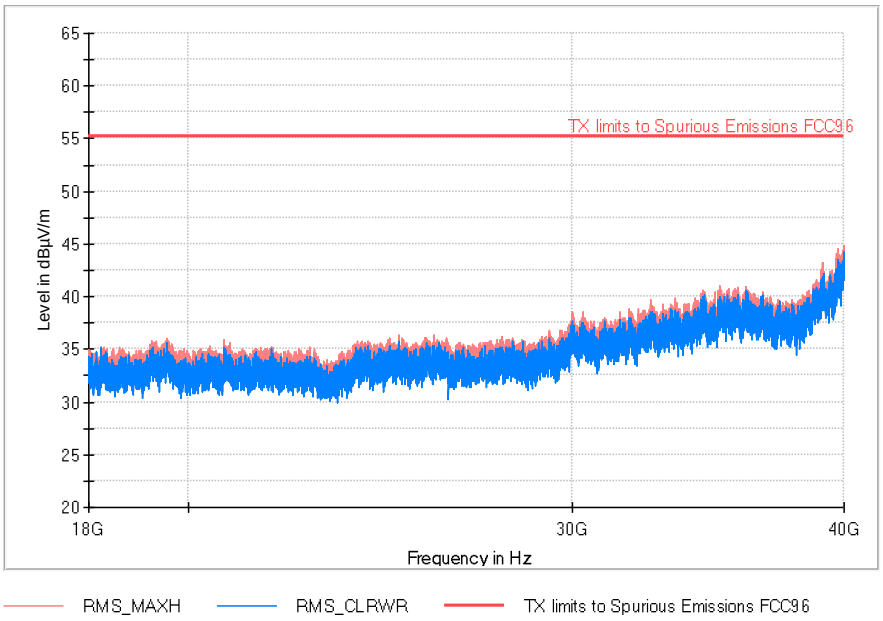
TEST RESULTS (Cont.):	Highest Channel (3692.5 MHz)

15 MHz BW

FREQUENCY RANGE 1 GHz-18 GHz



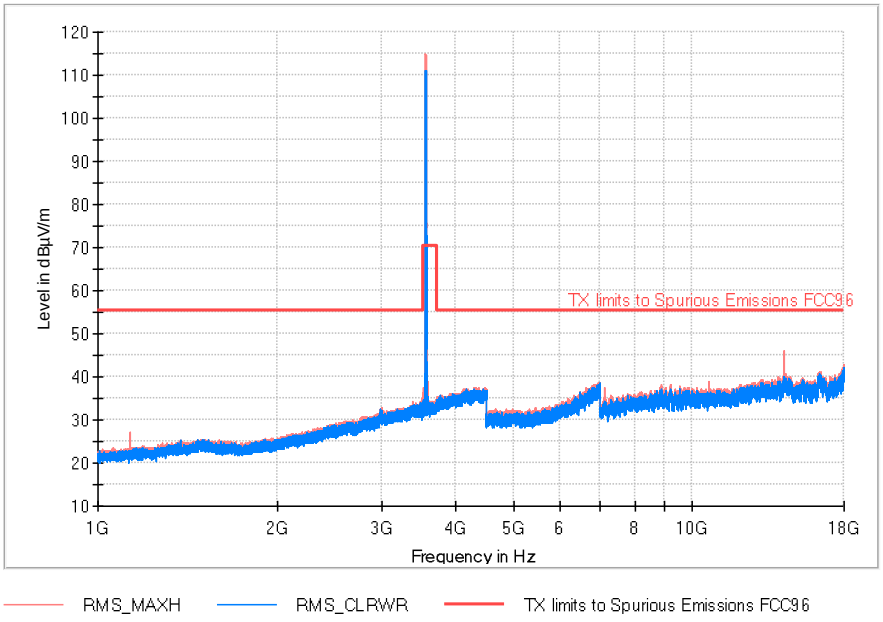
FREQUENCY RANGE 18 GHz-40 GHz



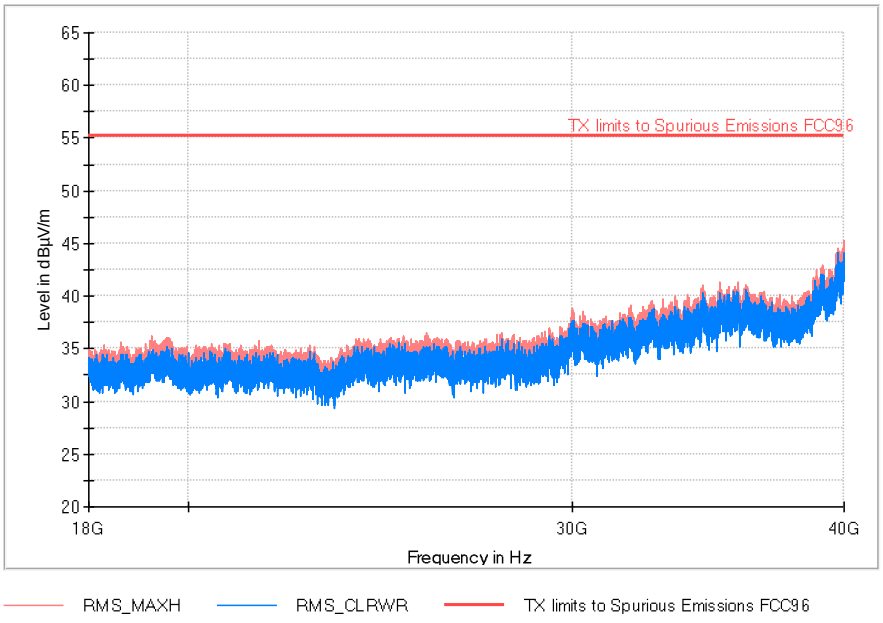
TEST RESULTS (Cont.):	Lowest Channel (3560 MHz)

20 MHz BW

FREQUENCY RANGE 1 GHz-18 GHz



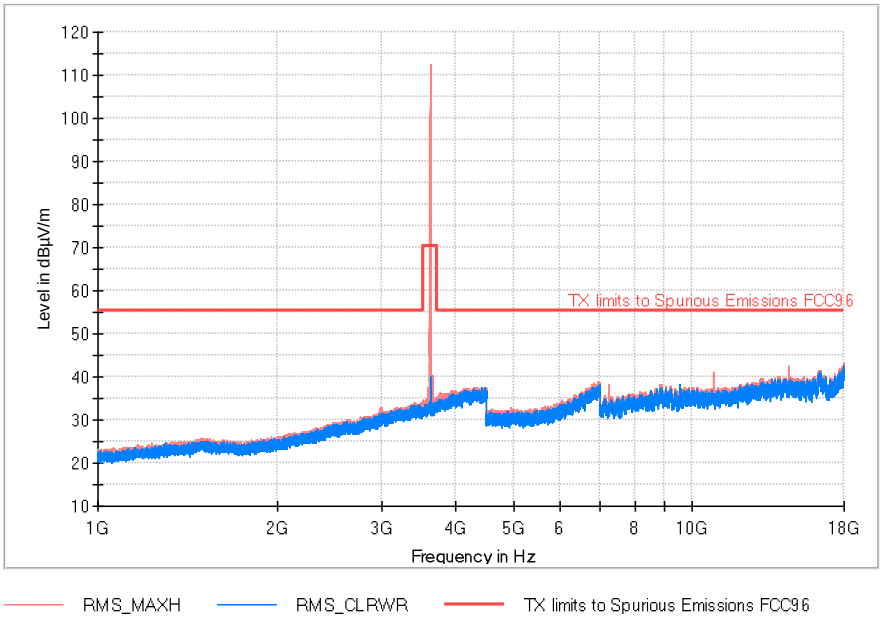
FREQUENCY RANGE 18 GHz-40 GHz



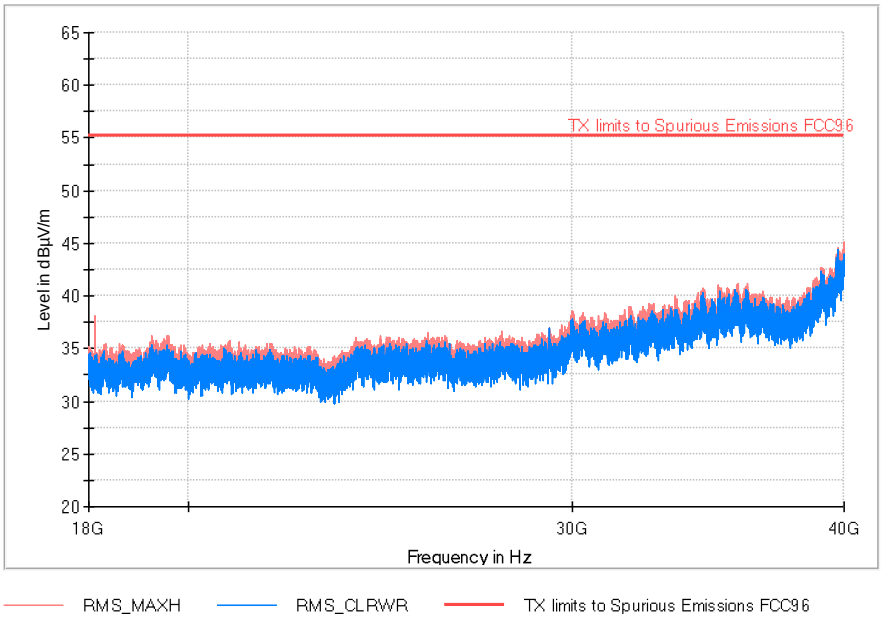
TEST RESULTS (Cont.):	Middle Channel (3625 MHz)

20 MHz BW

FREQUENCY RANGE 1 GHz-18 GHz



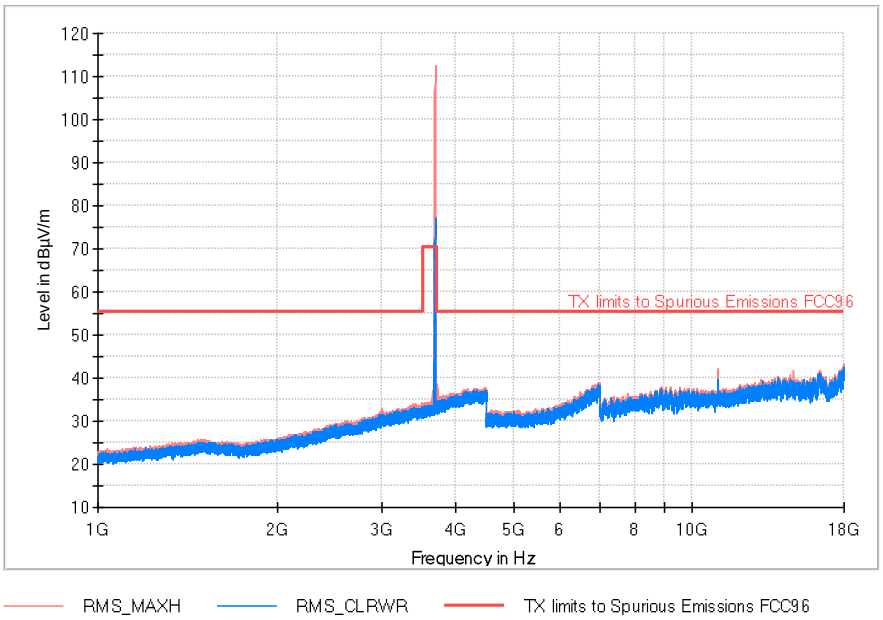
FREQUENCY RANGE 18 GHz-40 GHz



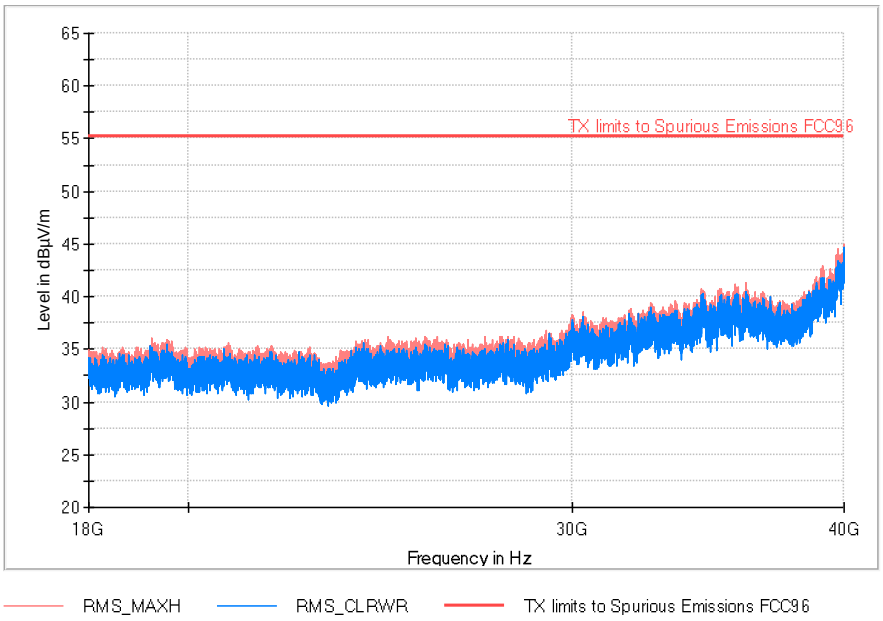
TEST RESULTS (Cont.):	Highest Channel (3690 MHz)

20 MHz BW

FREQUENCY RANGE 1 GHz-18 GHz



FREQUENCY RANGE 18 GHz-40 GHz



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (Band 42)
TEST RESULTS:	PASS

Frequency range 30 MHz – 1000 MHz

The spurious emissions below 1 GHz do not depend on the operating channel selected in the EUT.

Radiated spurious signal was detected at less than 20 dB respect to the limit for the lowest, middle and highest channels in all four BWs. The plots are shown only for 5 MHz BW middle channel as a worst case.

Frequency range 1 GHz – 18 GHz

Radiated spurious signal was detected at less than 20 dB respect to the limit for the lowest, middle and highest channels in all four BWs.

Frequency range 18 GHz – 40 GHz

Radiated spurious signal was detected at less than 20 dB respect to the limit for the lowest, middle and highest channels in all four BWs

5 MHz BW

Lowest Channel (3552.5 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3528.050000	52.7	V	2.5	55.2	
3530.325000	52.2	V	3.0	70.2	
3552.550000	115.1	V	---	---	Fundamental
7105.017857	37.9	V	17.3	55.2	
10657.446429	40.0	V	15.2	55.2	
14210.357143	45.0	V	10.2	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
35388.937500	41.2	V	14.0	55.2

Middle Channel (3575 MHz)

Frequency range 30 MHz – 1000 MHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
807.746000	39.2	V	16.0	55.2
946.941000	40.4	H	14.8	55.2

TEST RESULTS (Cont.):	

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3575.125000	113.0	V	---	---	Fundamental
10724.946429	41.9	V	13.3	55.2	
14300.035714	45.4	V	9.8	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
35769.125000	41.0	V	14.2	55.2

Highest Channel (3597.5 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3597.525000	113.3	V	---	---	Fundamental
10792.446429	39.9	V	15.3	55.2	
14390.196429	46.4	V	8.8	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
35953.375000	40.2	V	15.0	55.2

10 MHz BW

Lowest Channel (3555 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3555.000000	112.7	V	---	---	Fundamental
14220.000000	45.1	V	10.1	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
35595.187500	40.4	V	14.8	55.2

TEST RESULTS (Cont.):	

Middle Channel (3575 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS	Limit - RMS	Comment
3575.125000	114.5	V	---	---	Fundamental
7149.857143	37.9	V	17.3	55.2	
10724.464286	40.5	V	14.7	55.2	
14299.553572	43.3	V	11.9	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
35762.937500	40.8	V	14.4	55.2

Highest Channel (3595 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3594.900000	114.2	V	---	---	Fundamental
10784.732143	40.4	V	14.8	55.2	
14379.589286	44.4	V	10.8	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
36057.875000	41.4	H	16.5	55.2

15 MHz BW

Lowest Channel (3557.5 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3557.275000	115.4	V	---	---	Fundamental
7114.660714	37.6	V	17.6	55.2	
14229.160714	46.3	V	8.9	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
35639.187500	41.4	H	13.8	55.2

TEST RESULTS (Cont.):	

Middle Channel (3575 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS	Limit - RMS	Comment
3574.950000	114.5	V	---	---	Fundamental
7149.375000	37.1	V	18.1	55.2	
10724.464286	38.8	V	16.4	55.2	
14299.071429	43.8	V	11.4	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
35731.312500	41.5	V	13.7	55.2

Highest Channel (3592.5 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Height (cm)	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3592.450000	112.5	150.0	---	---	Fundamental
10777.017857	41.3	150.0	13.9	55.2	
14369.464286	46.4	150.0	8.8	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
36062.687500	41.1	H	14.1	55.2

20 MHz BW

Lowest Channel (3560 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3559.900000	115.1	V	---	---	Fundamental
7119.964286	37.5	V	17.7	55.2	
10680.107143	39.0	V	16.2	55.2	
14239.767857	46.1	V	9.1	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
35744.375000	41.4	V	13.8	55.2

TEST RESULTS (Cont.):	

Middle Channel (3575 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3574.950000	115.4	V	---	---	Fundamental
7149.375000	37.3	V	17.9	55.2	
10724.464286	38.6	V	16.6	55.2	
14300.035714	46.1	V	9.1	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
35650.875000	41.0	V	14.2	55.2

Highest Channel (3590 MHz)

Frequency range 1 GHz – 18 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)	Comment
3589.825000	114.1	V	---	---	Fundamental
7179.750000	36.1	V	19.1	55.2	
10769.785714	40.1	V	15.1	55.2	
14359.821429	45.4	V	9.8	55.2	

Frequency range 18 GHz – 40 GHz

Frequency (MHz)	RMS_MAXH (dBµV/m)	Pol	Margin - RMS (dB)	Limit - RMS (dBµV/m)
35763.625000	41.1	H	14.1	55.2

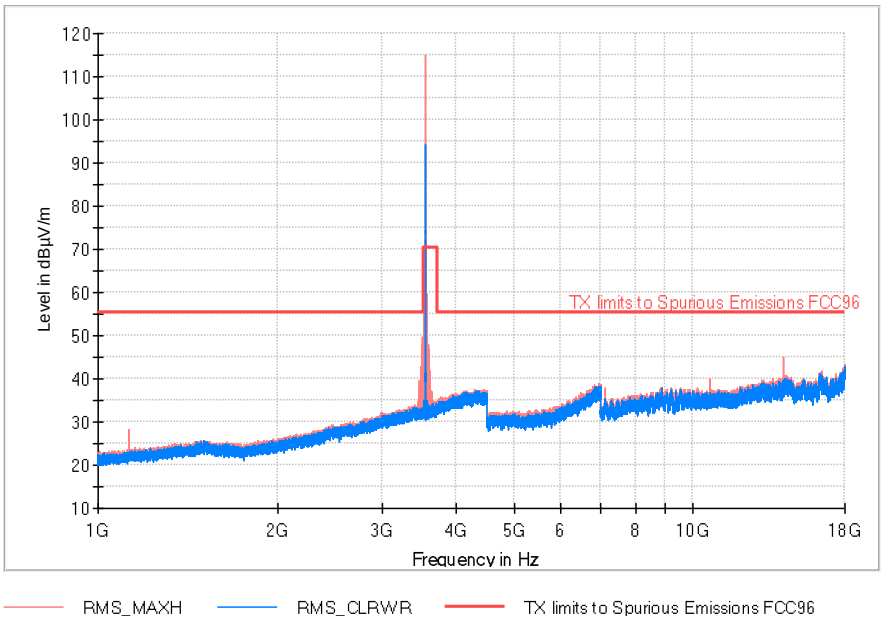
Verdict: PASS

(See next plots)

TEST RESULTS (Cont.):	Lowest Channel (3552.5 MHz)

5 MHz BW

FREQUENCY RANGE 1 GHz-18 GHz



FREQUENCY RANGE 18 GHz-40 GHz