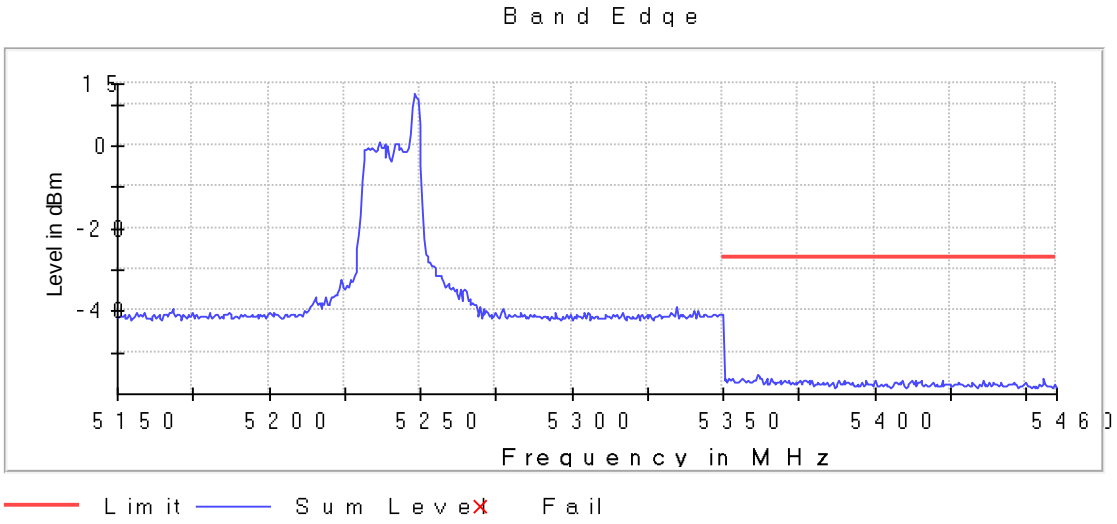
TEST RESULTS (Cont.)	

Bandwidth: 20 MHz

Highest Channel



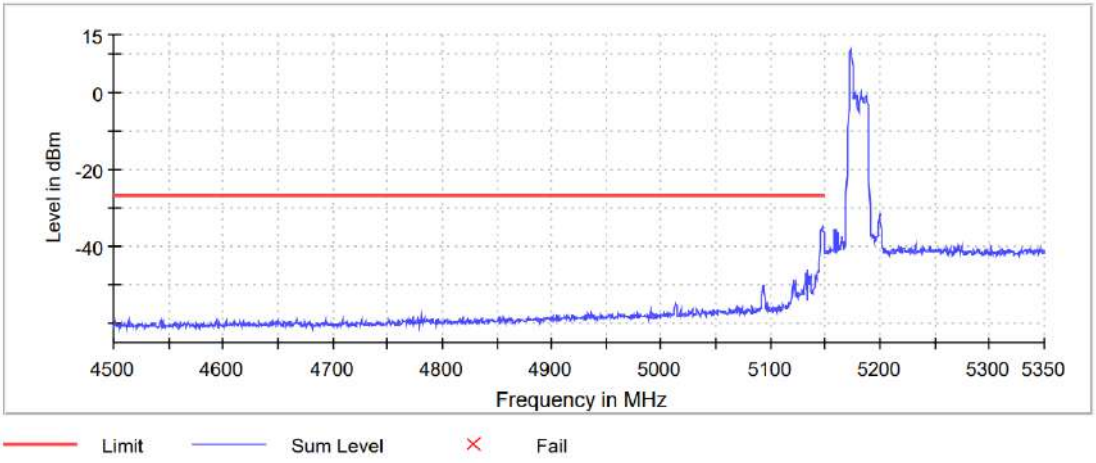
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5409.750000	-53.9	26.9	-27.0	PASS
5353.250000	-54.3	27.3	-27.0	PASS
5363.750000	-54.3	27.3	-27.0	PASS
5392.750000	-54.3	27.3	-27.0	PASS
5393.750000	-54.7	27.7	-27.0	PASS
5408.750000	-54.7	27.7	-27.0	PASS
5353.750000	-54.9	27.9	-27.0	PASS
5399.250000	-54.9	27.9	-27.0	PASS
5371.750000	-55.0	28.0	-27.0	PASS
5393.250000	-55.0	28.0	-27.0	PASS
5391.250000	-55.1	28.1	-27.0	PASS
5354.250000	-55.1	28.1	-27.0	PASS
5352.750000	-55.2	28.2	-27.0	PASS
5415.750000	-55.2	28.2	-27.0	PASS
5401.250000	-55.2	28.2	-27.0	PASS

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode SISO Radio B)
TEST RESULTS:	PASS

Maximum declared antenna gain: -2.8 dBi

Bandwidth: 20 MHz

Lowest Channel

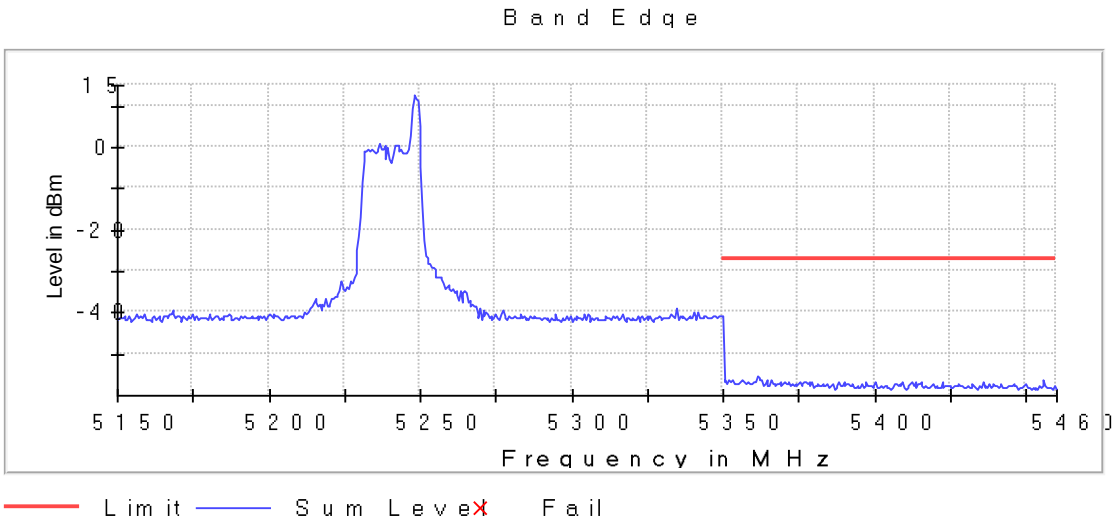


Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5146.750000	-34.9	7.9	-27.0	PASS
5147.250000	-35.8	8.8	-27.0	PASS
5147.750000	-35.8	8.8	-27.0	PASS
5146.250000	-35.9	8.9	-27.0	PASS
5148.250000	-36.1	9.1	-27.0	PASS
5148.750000	-36.5	9.5	-27.0	PASS
5145.750000	-39.1	12.1	-27.0	PASS
5149.250000	-39.8	12.8	-27.0	PASS
5145.250000	-40.3	13.3	-27.0	PASS
5149.750000	-40.9	13.9	-27.0	PASS
5144.750000	-43.9	16.9	-27.0	PASS
5144.250000	-44.4	17.4	-27.0	PASS
5134.250000	-45.9	18.9	-27.0	PASS
5143.250000	-46.4	19.4	-27.0	PASS
5142.750000	-46.9	19.9	-27.0	PASS

TEST RESULTS (Cont.)	

Bandwidth: 20 MHz

Highest Channel



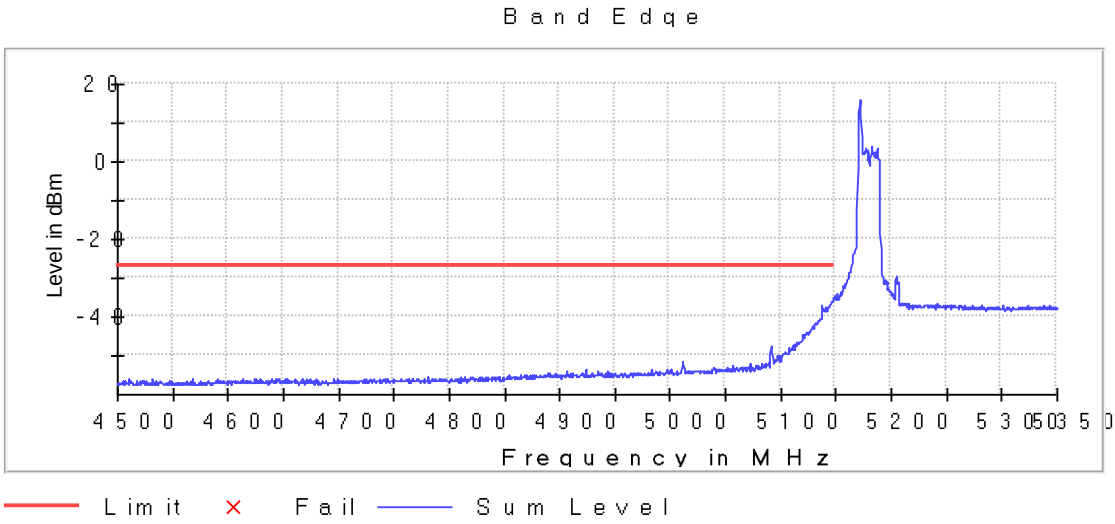
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5359.750000	-56.6	29.6	-27.0	PASS
5358.750000	-56.8	29.8	-27.0	PASS
5350.250000	-57.0	30.0	-27.0	PASS
5378.250000	-57.1	30.1	-27.0	PASS
5440.250000	-57.3	30.3	-27.0	PASS
5444.250000	-57.3	30.3	-27.0	PASS
5386.250000	-57.3	30.3	-27.0	PASS
5356.250000	-57.3	30.3	-27.0	PASS
5382.750000	-57.4	30.4	-27.0	PASS
5449.250000	-57.4	30.4	-27.0	PASS
5370.250000	-57.4	30.4	-27.0	PASS
5411.250000	-57.4	30.4	-27.0	PASS
5420.750000	-57.4	30.4	-27.0	PASS
5379.750000	-57.5	30.5	-27.0	PASS
5353.750000	-57.5	30.5	-27.0	PASS

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode MIMO Radio A+B)
TEST RESULTS:	PASS

Maximum declared antenna gain: -2.8 dBi

Bandwidth: 20 MHz

Lowest Channel

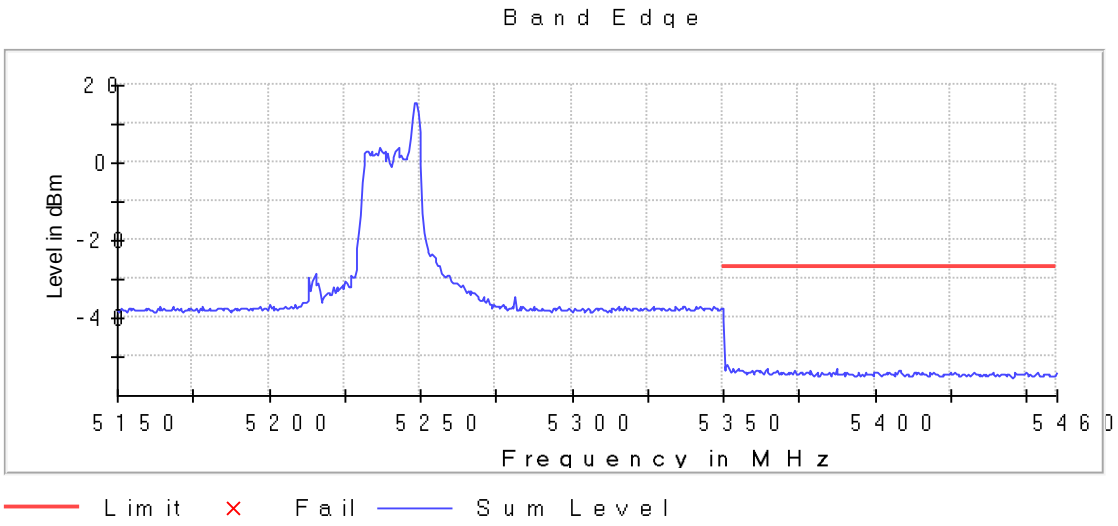


Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5148.250000	-48.7	21.7	-27.0	PASS
5149.250000	-48.9	21.9	-27.0	PASS
5147.750000	-49.2	22.2	-27.0	PASS
5146.750000	-49.3	22.3	-27.0	PASS
5149.750000	-49.4	22.4	-27.0	PASS
5148.750000	-49.4	22.4	-27.0	PASS
5147.250000	-50.3	23.3	-27.0	PASS
5146.250000	-50.3	23.3	-27.0	PASS
5145.750000	-51.1	24.1	-27.0	PASS
5140.750000	-51.1	24.1	-27.0	PASS
5144.250000	-51.3	24.3	-27.0	PASS
5144.750000	-51.4	24.4	-27.0	PASS
5145.250000	-51.5	24.5	-27.0	PASS
5143.750000	-51.6	24.6	-27.0	PASS
5142.750000	-51.6	24.6	-27.0	PASS

TEST RESULTS (Cont.)	

Bandwidth: 20 MHz

Highest Channel



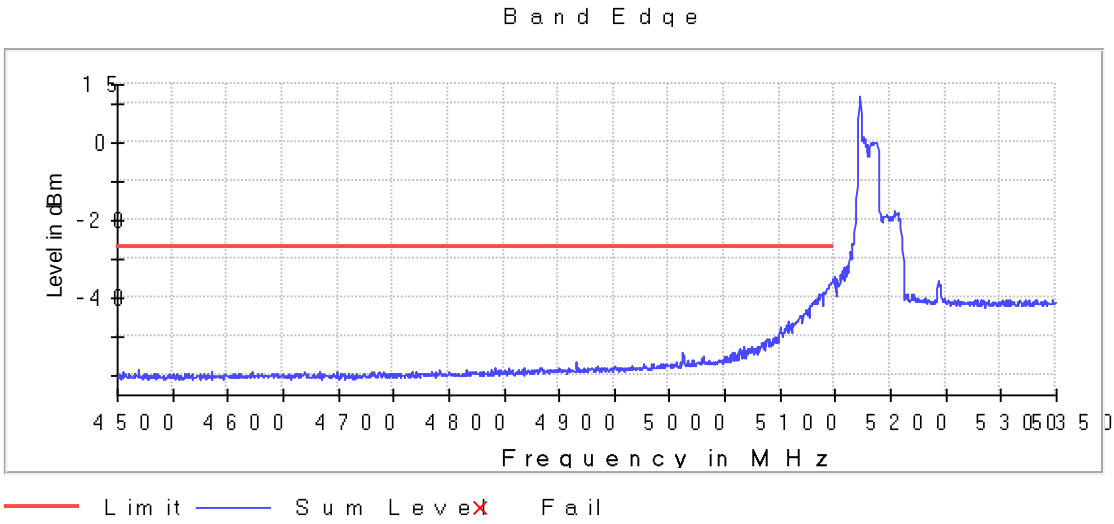
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5392.750000	-52.3	25.3	-27.0	PASS
5393.750000	-52.6	25.6	-27.0	PASS
5393.250000	-52.8	25.8	-27.0	PASS
5353.750000	-52.9	25.9	-27.0	PASS
5361.250000	-53.1	26.1	-27.0	PASS
5442.250000	-53.2	26.2	-27.0	PASS
5424.250000	-53.3	26.3	-27.0	PASS
5376.250000	-53.4	26.4	-27.0	PASS
5378.750000	-53.4	26.4	-27.0	PASS
5369.750000	-53.4	26.4	-27.0	PASS
5358.250000	-53.4	26.4	-27.0	PASS
5354.250000	-53.4	26.4	-27.0	PASS
5352.250000	-53.5	26.5	-27.0	PASS
5372.250000	-53.5	26.5	-27.0	PASS
5368.750000	-53.5	26.5	-27.0	PASS

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode SISO Radio A)
TEST RESULTS:	PASS

Maximum declared antenna gain: -2.8 dBi

Bandwidth: 40 MHz

Lowest Channel

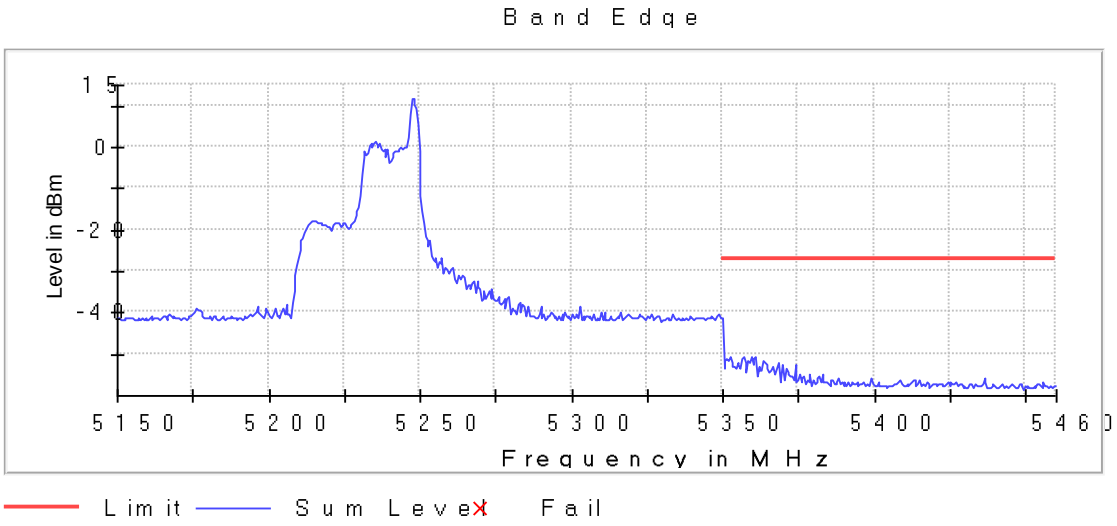


Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5109.250000	-50.7	23.7	-27.0	PASS
5108.250000	-50.9	23.9	-27.0	PASS
5148.250000	-50.9	23.9	-27.0	PASS
5108.750000	-51.3	24.3	-27.0	PASS
5143.250000	-51.5	24.5	-27.0	PASS
5107.750000	-51.5	24.5	-27.0	PASS
5144.750000	-51.6	24.6	-27.0	PASS
5145.250000	-51.6	24.6	-27.0	PASS
5144.250000	-51.9	24.9	-27.0	PASS
5145.750000	-52.2	25.2	-27.0	PASS
5143.750000	-52.4	25.4	-27.0	PASS
5147.750000	-52.5	25.5	-27.0	PASS
5107.250000	-52.7	25.7	-27.0	PASS
5135.750000	-52.7	25.7	-27.0	PASS
5148.750000	-52.8	25.8	-27.0	PASS

TEST RESULTS (Cont.)	

Bandwidth: 40 MHz

Highest Channel



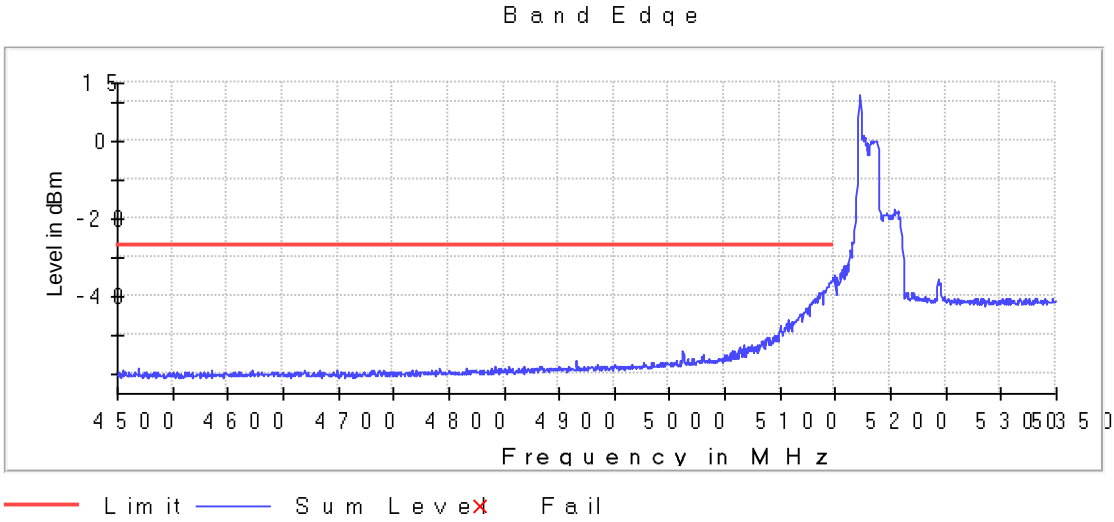
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5356.250000	-55.4	28.4	-27.0	PASS
5375.750000	-55.8	28.8	-27.0	PASS
5358.250000	-55.9	28.9	-27.0	PASS
5378.250000	-56.0	29.0	-27.0	PASS
5388.250000	-56.1	29.1	-27.0	PASS
5389.250000	-56.1	29.1	-27.0	PASS
5361.250000	-56.1	29.1	-27.0	PASS
5389.750000	-56.2	29.2	-27.0	PASS
5394.750000	-56.2	29.2	-27.0	PASS
5360.250000	-56.2	29.2	-27.0	PASS
5388.750000	-56.2	29.2	-27.0	PASS
5357.750000	-56.2	29.2	-27.0	PASS
5374.250000	-56.2	29.2	-27.0	PASS
5350.250000	-56.3	29.3	-27.0	PASS
5360.750000	-56.3	29.3	-27.0	PASS

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode SISO Radio B)
TEST RESULTS:	PASS

Maximum declared antenna gain: -2.8 dBi

Bandwidth: 40 MHz

Lowest Channel

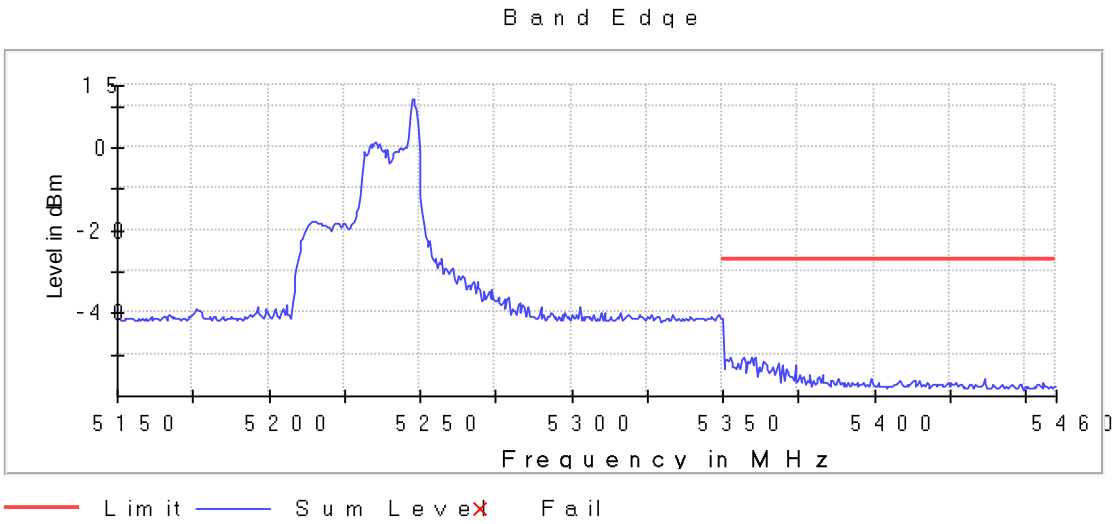


Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5108.250000	-49.4	22.4	-27.0	PASS
5109.250000	-49.8	22.8	-27.0	PASS
5108.750000	-50.3	23.3	-27.0	PASS
5140.750000	-50.3	23.3	-27.0	PASS
5109.750000	-51.0	24.0	-27.0	PASS
5107.750000	-51.5	24.5	-27.0	PASS
5147.250000	-51.5	24.5	-27.0	PASS
5139.750000	-52.3	25.3	-27.0	PASS
5148.250000	-52.4	25.4	-27.0	PASS
5140.250000	-52.5	25.5	-27.0	PASS
5147.750000	-52.7	25.7	-27.0	PASS
5119.750000	-52.9	25.9	-27.0	PASS
5146.750000	-53.1	26.1	-27.0	PASS
5149.750000	-53.1	26.1	-27.0	PASS
5145.750000	-53.2	26.2	-27.0	PASS

TEST RESULTS (Cont.)	

Bandwidth: 40 MHz

Highest Channel



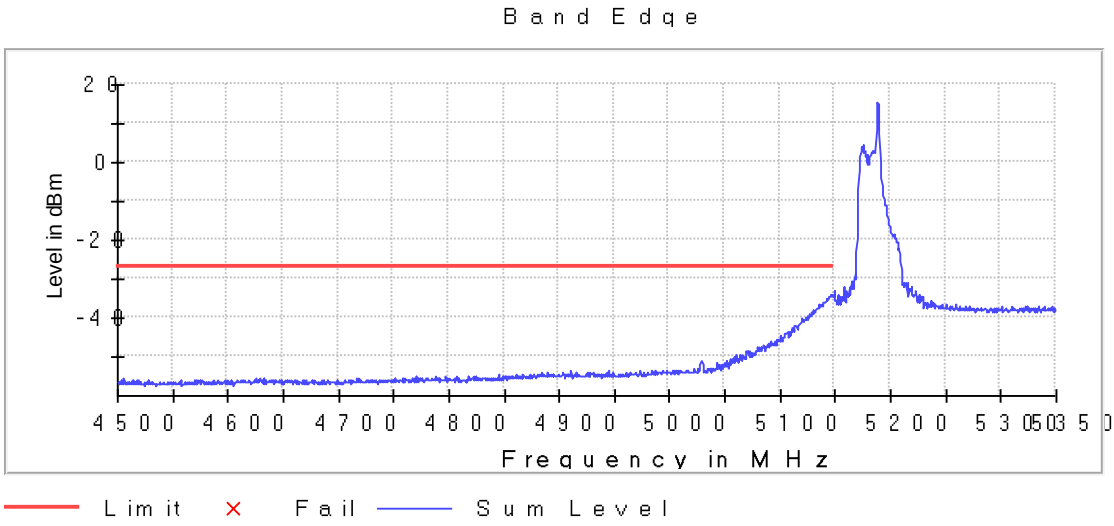
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5350.250000	-56.3	29.3	-27.0	PASS
5399.250000	-56.5	29.5	-27.0	PASS
5361.750000	-56.7	29.7	-27.0	PASS
5389.250000	-56.7	29.7	-27.0	PASS
5350.750000	-56.8	29.8	-27.0	PASS
5370.250000	-56.8	29.8	-27.0	PASS
5387.750000	-56.9	29.9	-27.0	PASS
5388.750000	-56.9	29.9	-27.0	PASS
5356.250000	-56.9	29.9	-27.0	PASS
5376.250000	-56.9	29.9	-27.0	PASS
5430.750000	-57.0	30.0	-27.0	PASS
5367.250000	-57.0	30.0	-27.0	PASS
5352.750000	-57.1	30.1	-27.0	PASS
5365.250000	-57.1	30.1	-27.0	PASS
5355.750000	-57.2	30.2	-27.0	PASS

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode MIMO Radio A+B)
TEST RESULTS:	PASS

Maximum declared antenna gain: -2.8 dBi

Bandwidth: 40 MHz

Lowest Channel

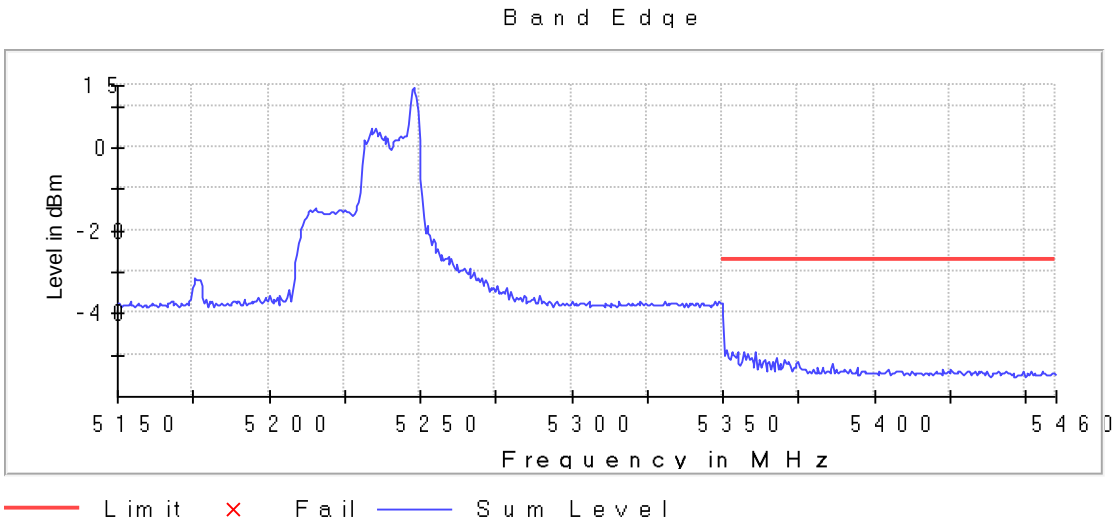


Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5145.250000	-48.1	21.1	-27.0	PASS
5144.750000	-48.7	21.7	-27.0	PASS
5108.250000	-49.3	22.3	-27.0	PASS
5149.750000	-49.3	22.3	-27.0	PASS
5108.750000	-49.4	22.4	-27.0	PASS
5145.750000	-49.6	22.6	-27.0	PASS
5109.250000	-49.6	22.6	-27.0	PASS
5146.250000	-49.7	22.7	-27.0	PASS
5143.750000	-49.8	22.8	-27.0	PASS
5149.250000	-50.0	23.0	-27.0	PASS
5107.750000	-50.1	23.1	-27.0	PASS
5109.750000	-50.2	23.2	-27.0	PASS
5147.250000	-50.5	23.5	-27.0	PASS
5148.250000	-50.5	23.5	-27.0	PASS
5140.750000	-50.5	23.5	-27.0	PASS

TEST RESULTS (Cont.)	

Bandwidth: 40 MHz

Highest Channel



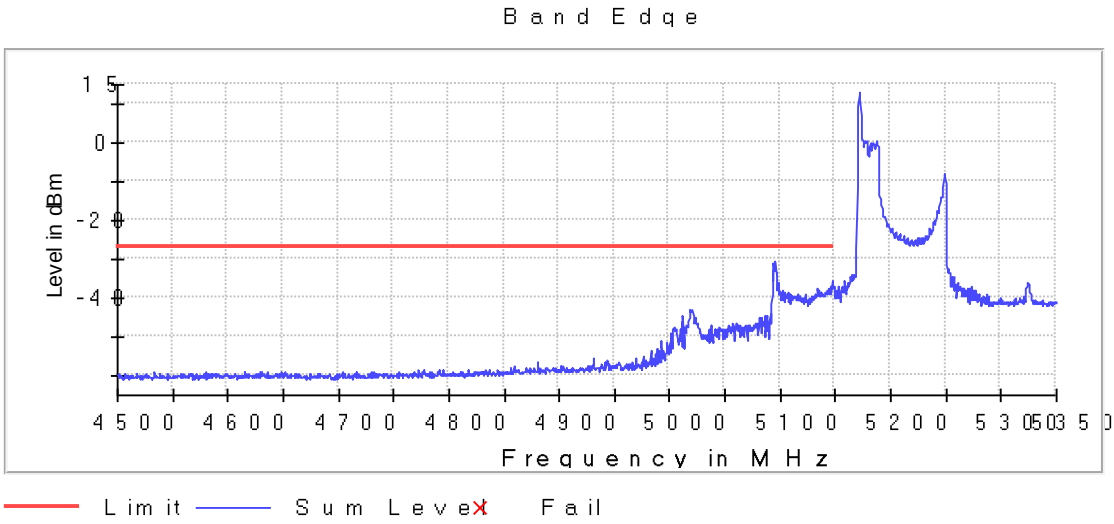
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5359.250000	-52.6	25.6	-27.0	PASS
5387.750000	-52.7	25.7	-27.0	PASS
5374.750000	-52.8	25.8	-27.0	PASS
5388.250000	-53.0	26.0	-27.0	PASS
5389.250000	-53.0	26.0	-27.0	PASS
5364.750000	-53.0	26.0	-27.0	PASS
5385.750000	-53.0	26.0	-27.0	PASS
5388.750000	-53.0	26.0	-27.0	PASS
5356.750000	-53.1	26.1	-27.0	PASS
5389.750000	-53.1	26.1	-27.0	PASS
5352.750000	-53.1	26.1	-27.0	PASS
5354.250000	-53.1	26.1	-27.0	PASS
5356.250000	-53.2	26.2	-27.0	PASS
5353.750000	-53.2	26.2	-27.0	PASS
5368.750000	-53.2	26.2	-27.0	PASS

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode SISO Radio A)
TEST RESULTS:	PASS

Maximum declared antenna gain: -2.8 dBi

Bandwidth: 80 MHz

Lowest Channel



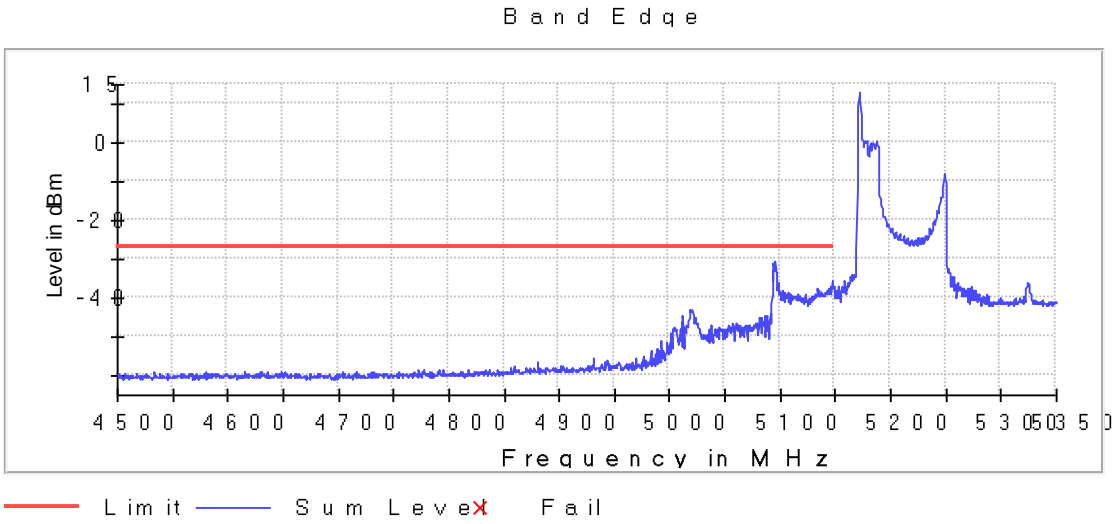
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5100.750000	-36.2	9.2	-27.0	PASS
5100.250000	-36.3	9.3	-27.0	PASS
5097.750000	-36.6	9.6	-27.0	PASS
5101.750000	-36.6	9.6	-27.0	PASS
5101.250000	-36.7	9.7	-27.0	PASS
5099.250000	-36.9	9.9	-27.0	PASS
5103.250000	-37.0	10.0	-27.0	PASS
5098.250000	-37.0	10.0	-27.0	PASS
5098.750000	-37.4	10.4	-27.0	PASS
5099.750000	-37.5	10.5	-27.0	PASS
5102.250000	-37.5	10.5	-27.0	PASS
5106.250000	-37.7	10.7	-27.0	PASS
5105.250000	-38.1	11.1	-27.0	PASS
5102.750000	-38.2	11.2	-27.0	PASS
5104.250000	-38.3	11.3	-27.0	PASS

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode SISO Radio B)
TEST RESULTS:	PASS

Maximum declared antenna gain: -2.8 dBi

Bandwidth: 80 MHz

Lowest Channel



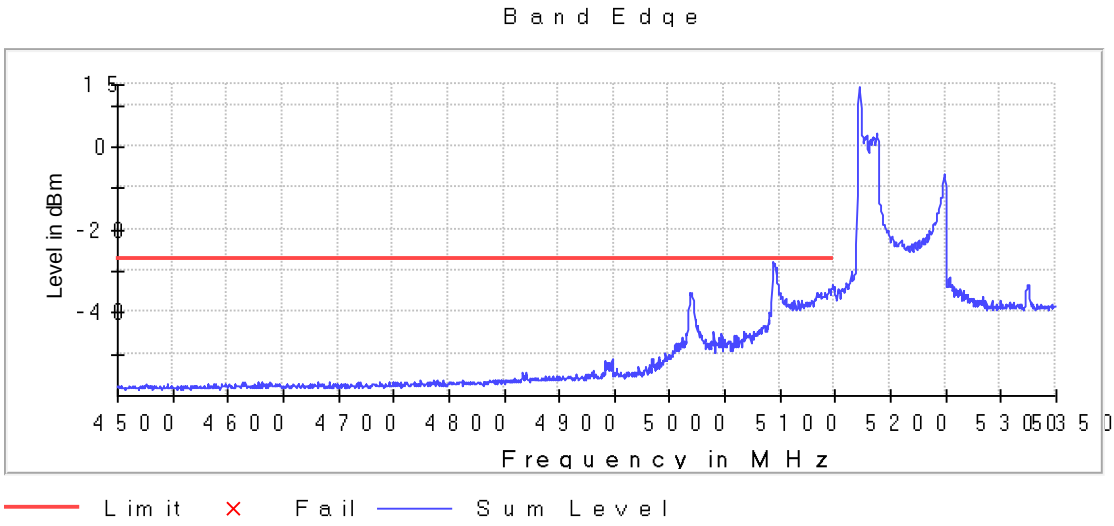
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5098.750000	-32.2	5.2	-27.0	PASS
5098.250000	-32.4	5.4	-27.0	PASS
5097.750000	-32.5	5.5	-27.0	PASS
5100.750000	-33.1	6.1	-27.0	PASS
5097.250000	-33.2	6.2	-27.0	PASS
5099.250000	-33.4	6.4	-27.0	PASS
5099.750000	-33.4	6.4	-27.0	PASS
5101.250000	-33.5	6.5	-27.0	PASS
5100.250000	-34.1	7.1	-27.0	PASS
5106.250000	-34.4	7.4	-27.0	PASS
5101.750000	-34.5	7.5	-27.0	PASS
5096.750000	-34.8	7.8	-27.0	PASS
5105.750000	-34.8	7.8	-27.0	PASS
5107.250000	-35.1	8.1	-27.0	PASS
5102.250000	-35.1	8.1	-27.0	PASS

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode MIMO Radio A+B)
TEST RESULTS:	PASS

Maximum declared antenna gain: -2.8 dBi

Bandwidth: 80 MHz

Lowest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5101.250000	-32.3	5.3	-27.0	PASS
5100.750000	-33.3	6.3	-27.0	PASS
5102.250000	-33.4	6.4	-27.0	PASS
5101.750000	-33.6	6.6	-27.0	PASS
5100.250000	-34.0	7.0	-27.0	PASS
5103.750000	-34.3	7.3	-27.0	PASS
5103.250000	-34.6	7.6	-27.0	PASS
5102.750000	-34.6	7.6	-27.0	PASS
5096.750000	-34.7	7.7	-27.0	PASS
5099.750000	-34.7	7.7	-27.0	PASS
5097.250000	-34.7	7.7	-27.0	PASS
5106.750000	-34.9	7.9	-27.0	PASS
5106.250000	-35.2	8.2	-27.0	PASS
5104.250000	-35.3	8.3	-27.0	PASS
5097.750000	-35.3	8.3	-27.0	PASS

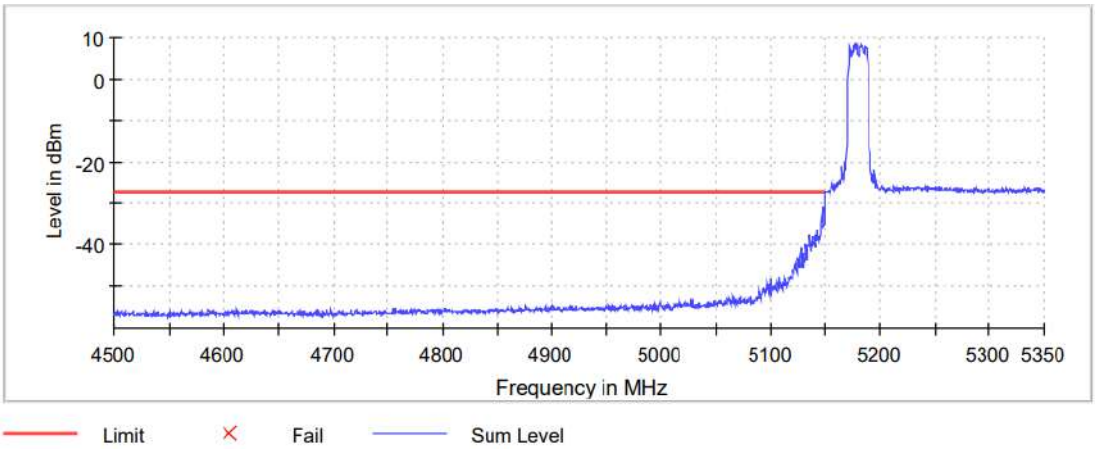
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#05 (ac Mode Beam forming)
TEST RESULTS:	PASS

Maximum declared antenna gain: -2.8 dBi

Directional Gain: +0.2 dBi

Bandwidth: 20 MHz

Lowest Channel

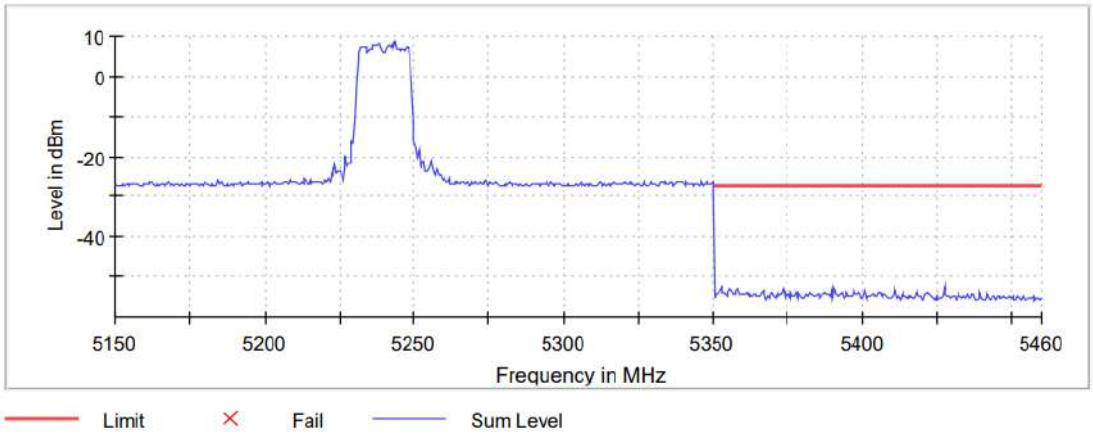


Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5147.250000	-30.5	3.5	-27.0	PASS
5146.750000	-31.6	4.6	-27.0	PASS
5149.250000	-31.8	4.8	-27.0	PASS
5149.750000	-32.2	5.2	-27.0	PASS
5147.750000	-34.5	7.5	-27.0	PASS
5146.250000	-34.5	7.5	-27.0	PASS
5148.750000	-34.8	7.8	-27.0	PASS
5148.250000	-35.5	8.5	-27.0	PASS
5142.250000	-36.2	9.2	-27.0	PASS
5145.750000	-36.7	9.7	-27.0	PASS
5145.250000	-37.6	10.6	-27.0	PASS
5140.750000	-37.8	10.8	-27.0	PASS
5135.750000	-37.8	10.8	-27.0	PASS
5138.250000	-37.9	10.9	-27.0	PASS
5143.250000	-38.2	11.2	-27.0	PASS

TEST RESULTS (Cont.)	

Bandwidth: 20 MHz

Highest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5427.250000	-52.7	25.7	-27.0	PASS
5352.750000	-52.7	25.7	-27.0	PASS
5358.250000	-52.9	25.9	-27.0	PASS
5355.750000	-52.9	25.9	-27.0	PASS
5373.250000	-53.0	26.0	-27.0	PASS
5389.750000	-53.1	26.1	-27.0	PASS
5390.750000	-53.1	26.1	-27.0	PASS
5356.250000	-53.3	26.3	-27.0	PASS
5366.750000	-53.3	26.3	-27.0	PASS
5397.250000	-53.5	26.5	-27.0	PASS
5357.750000	-53.5	26.5	-27.0	PASS
5352.250000	-53.5	26.5	-27.0	PASS
5411.250000	-53.6	26.6	-27.0	PASS
5400.750000	-53.6	26.6	-27.0	PASS
5355.250000	-53.7	26.7	-27.0	PASS

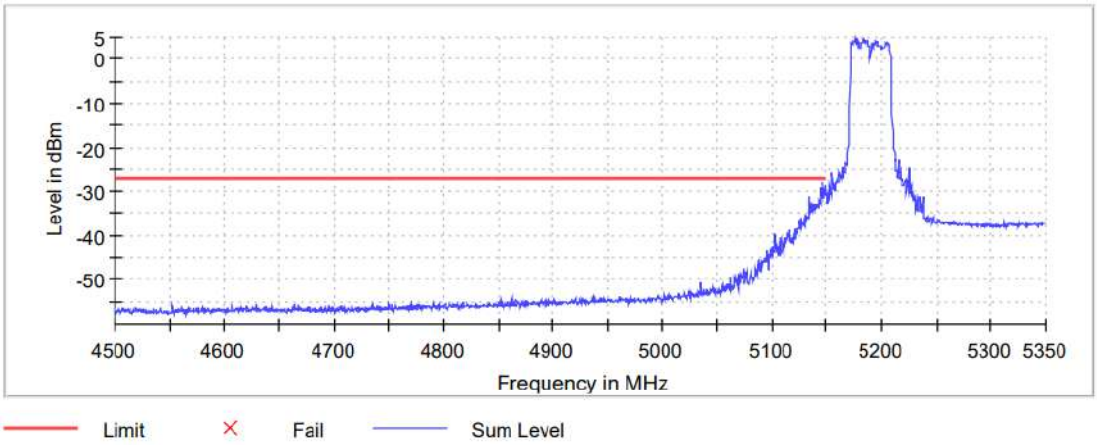
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#05 (ac Mode Beam forming)
TEST RESULTS:	PASS

Maximum declared antenna gain: -2.8 dBi

Directional Gain: +0.2 dBi

Bandwidth: 40 MHz

Lowest Channel

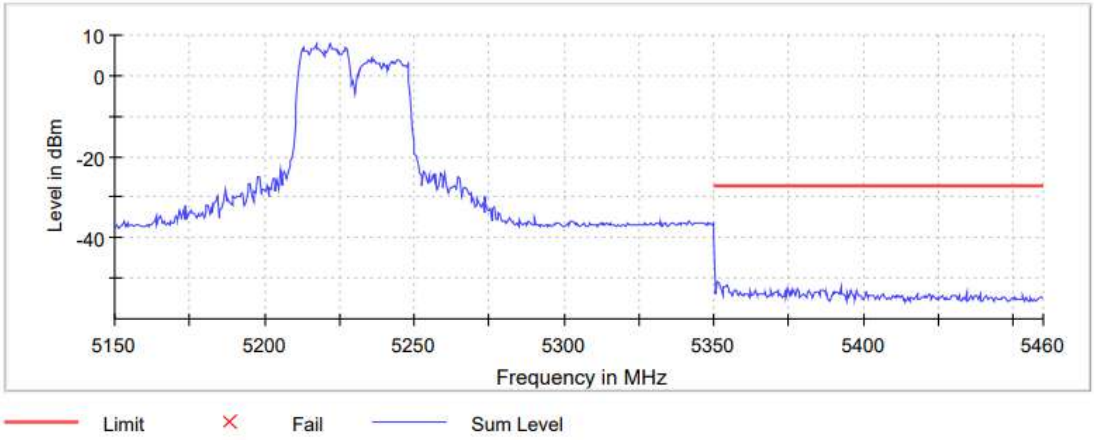


Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5146.250000	-28.0	1.0	-27.0	PASS
5149.750000	-28.5	1.5	-27.0	PASS
5144.250000	-29.1	2.1	-27.0	PASS
5148.250000	-29.5	2.5	-27.0	PASS
5148.750000	-30.1	3.1	-27.0	PASS
5144.750000	-30.3	3.3	-27.0	PASS
5147.750000	-30.6	3.6	-27.0	PASS
5149.250000	-30.6	3.6	-27.0	PASS
5147.250000	-30.7	3.7	-27.0	PASS
5143.750000	-30.8	3.8	-27.0	PASS
5133.750000	-31.3	4.3	-27.0	PASS
5146.750000	-31.6	4.6	-27.0	PASS
5145.750000	-31.6	4.6	-27.0	PASS
5145.250000	-31.7	4.7	-27.0	PASS
5142.750000	-31.8	4.8	-27.0	PASS

TEST RESULTS (Cont.)	

Bandwidth: 40 MHz

Highest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5351.250000	-50.6	23.6	-27.0	PASS
5351.750000	-51.4	24.4	-27.0	PASS
5354.250000	-51.7	24.7	-27.0	PASS
5353.250000	-51.9	24.9	-27.0	PASS
5353.750000	-52.1	25.1	-27.0	PASS
5392.250000	-52.2	25.2	-27.0	PASS
5350.250000	-52.3	25.3	-27.0	PASS
5354.750000	-52.5	25.5	-27.0	PASS
5374.750000	-52.6	25.6	-27.0	PASS
5352.250000	-52.6	25.6	-27.0	PASS
5377.750000	-52.7	25.7	-27.0	PASS
5386.750000	-52.8	25.8	-27.0	PASS
5363.750000	-52.9	25.9	-27.0	PASS
5397.750000	-53.1	26.1	-27.0	PASS
5386.250000	-53.1	26.1	-27.0	PASS

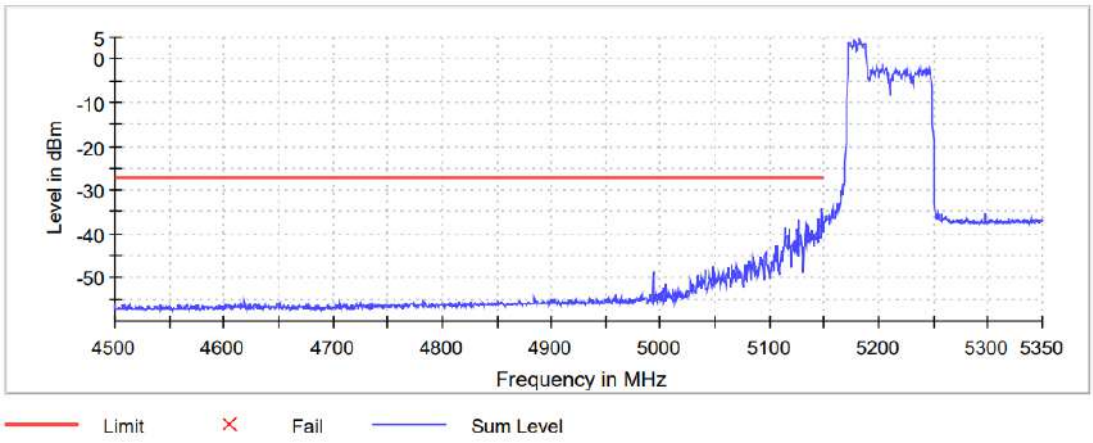
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#05 (ac Mode Beam forming)
TEST RESULTS:	PASS

Maximum declared antenna gain: -2.8 dBi

Directional Gain: +0.2 dBi

Bandwidth: 80 MHz

Lowest Channel



Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5148.250000	-34.0	7.0	-27.0	PASS
5145.250000	-36.3	9.3	-27.0	PASS
5143.750000	-36.4	9.4	-27.0	PASS
5126.250000	-36.9	9.9	-27.0	PASS
5145.750000	-37.0	10.0	-27.0	PASS
5134.250000	-37.8	10.8	-27.0	PASS
5133.250000	-38.1	11.1	-27.0	PASS
5147.250000	-38.2	11.2	-27.0	PASS
5144.250000	-38.3	11.3	-27.0	PASS
5134.750000	-38.3	11.3	-27.0	PASS
5148.750000	-38.4	11.4	-27.0	PASS
5113.750000	-38.4	11.4	-27.0	PASS
5147.750000	-38.6	11.6	-27.0	PASS
5117.750000	-38.9	11.9	-27.0	PASS
5125.250000	-39.0	12.0	-27.0	PASS

SECTION B.5: UNDESIRABLE RADIATED EMISSIONS (TRANSMITTER)

LIMITS:	Product standard:	Part 15 Subpart C §15.407 and RSS-247
	Test standard:	Part 15 Subpart E §15.407(b) (1) & (4) and RSS-Gen 8.9 and 8.10

LIMITS

For transmitters operating in the 5.15 – 5.25 GHz band: all emissions outside of the 5.15 – 5.25 GHz band shall not exceed an EIRP of -27 dBm/MHz (68.23 dBµ V/m at 3m distance).

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c) / RSS-Gen):

Frequency Range (MHz)	Field strength (µV/m)	Field strength (dBµV/m)	Measurement distance (m)
0.009-0.490	2400/F(kHz)	-	300
0.490-1.705	24000/F(kHz)	-	30
1.705 - 30.0	30	-	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
960 - 25000	500	54	3

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function

TEST SETUP

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

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.

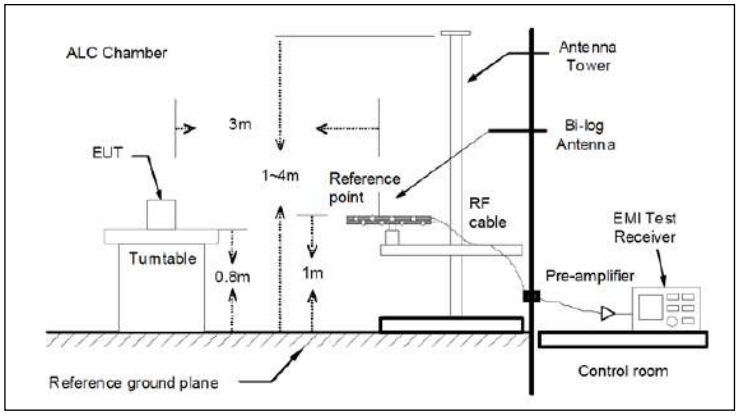
The equipment under test was set up on a non-conductive platform above the ground plane and the situation and orientation was varied to find the maximum radiated emission. It was also rotated 360º and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

Measurements were made in both horizontal and vertical planes of polarization.

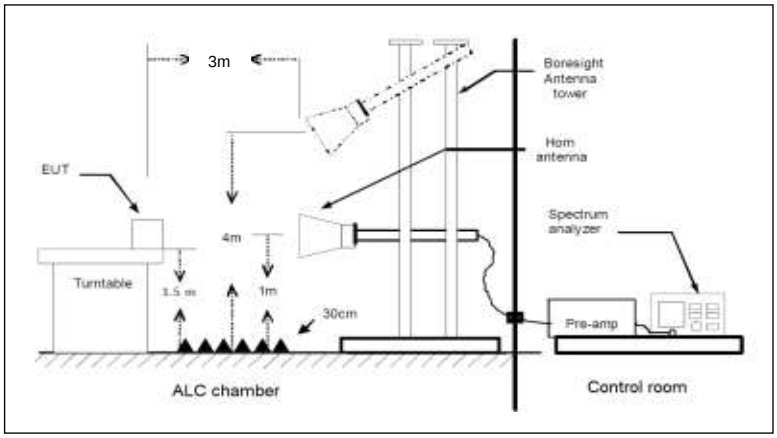
The field strength is calculated by adding correction factor to the measured level from the spectrum analyzer. This correction factor includes antenna factor, cable loss and pre-amplifiers gain.

TEST SETUP (CONT.)	

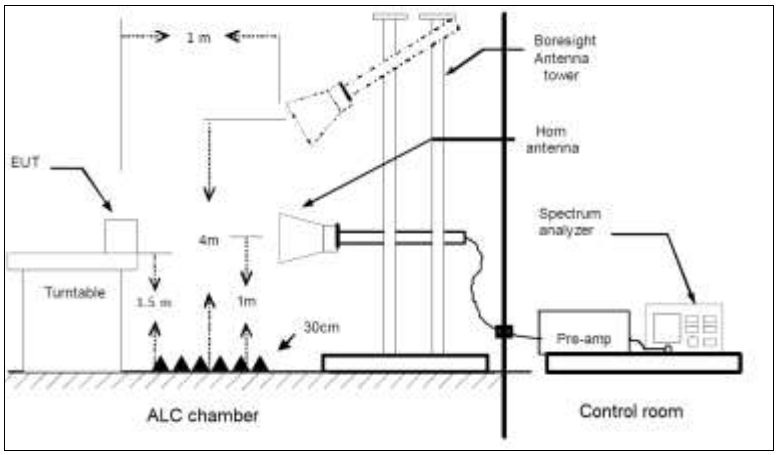
Radiated measurements Setup f < 1 GHz



Radiated measurements setup 1 < f < 18 GHz



Radiated measurements setup f > 18 GHz



TESTED SAMPLES:	S/02
TESTED CONDITIONS MODES:	TC#05 (ac Mode MIMO Radio A+B)
TEST RESULTS:	PASS

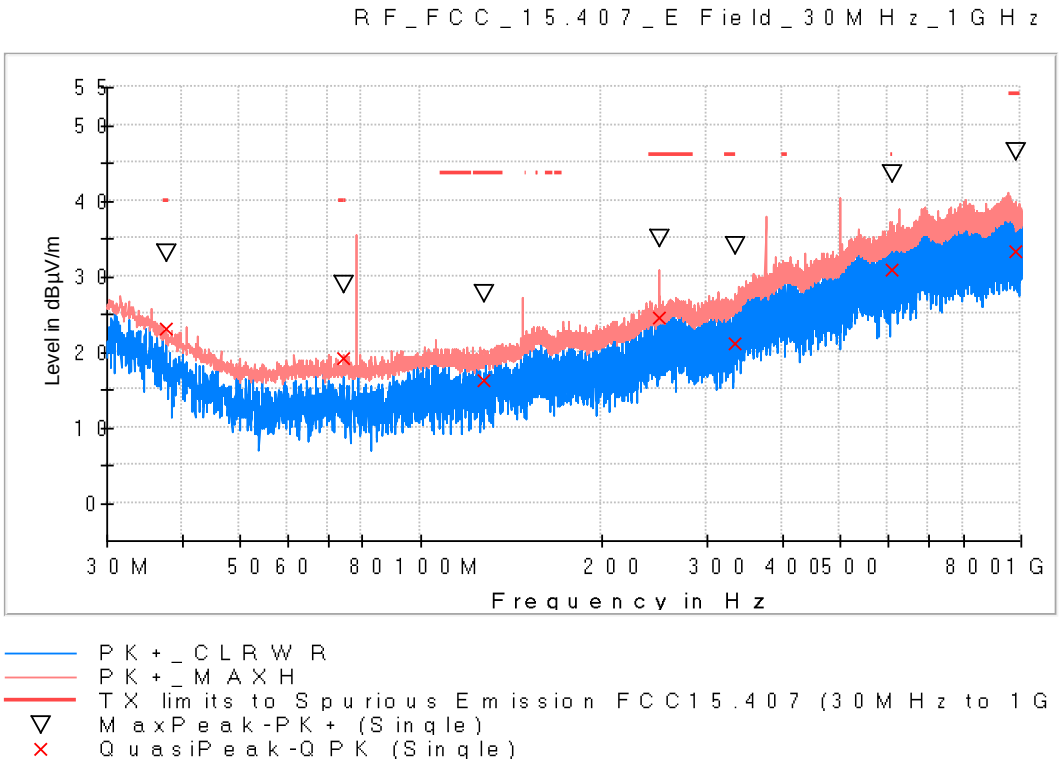
Frequency range 30 MHz – 1000 MHz

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

Frequency range 1 GHz – 40 GHz
The results and plots below show the maximum measured levels in the 1 - 40 GHz range and the restricted band 4.5 – 5.46 GHz. Selected operation mode for this range (ac mode MIMO Radio A+B).

The results for the worst operation mode of ac20 mode are shown below.

FREQUENCY RANGE	**30 MHz – 1 GHz**

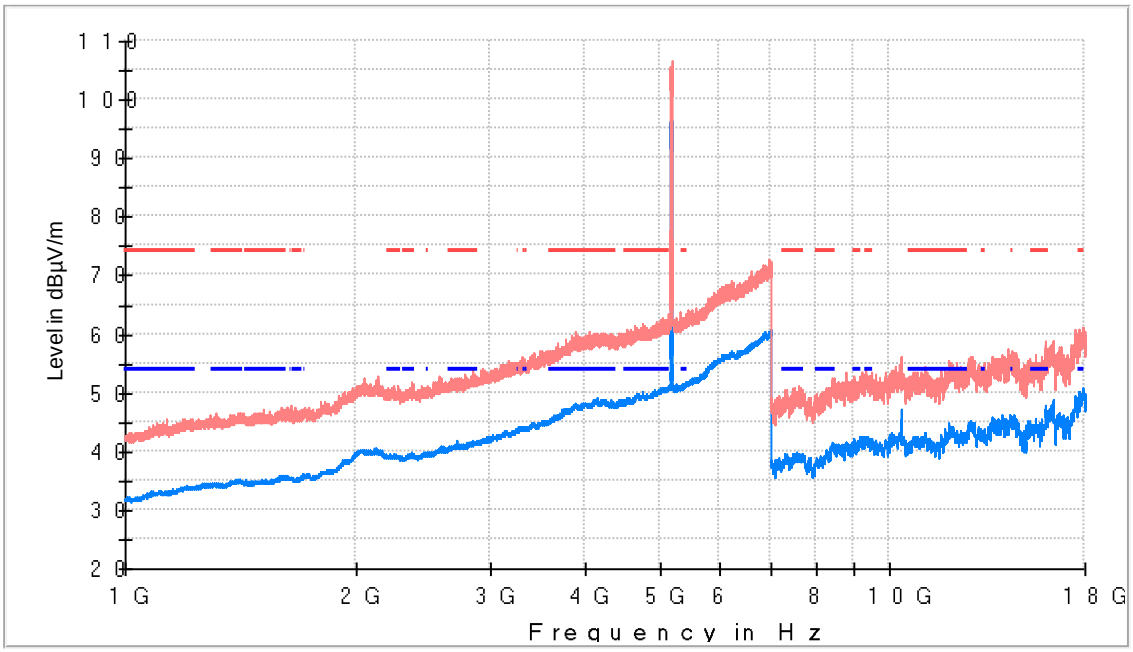


Frequency (MHz)	MaxPeak (dBµV/m)	QuasiPeak (dBµV/m)	Pol	Margin - QPK (dB)	Limit - QPK (dBµV/m)
37.721500	32.8	23.0	H	17.0	40.0
74.340000	29.1	19.0	H	21.0	40.0
127.768000	27.6	16.4	V	27.1	43.5
250.005000	34.8	24.7	V	21.3	46.0
333.320000	34.0	21.3	H	24.7	46.0
609.925000	43.5	30.6	H	15.5	46.0
980.076000	46.7	33.5	V	20.5	54.0

TEST RESULTS (Cont.)	1 GHz – 18 GHz

Bandwidth: 20 MHz

Lowest Channel

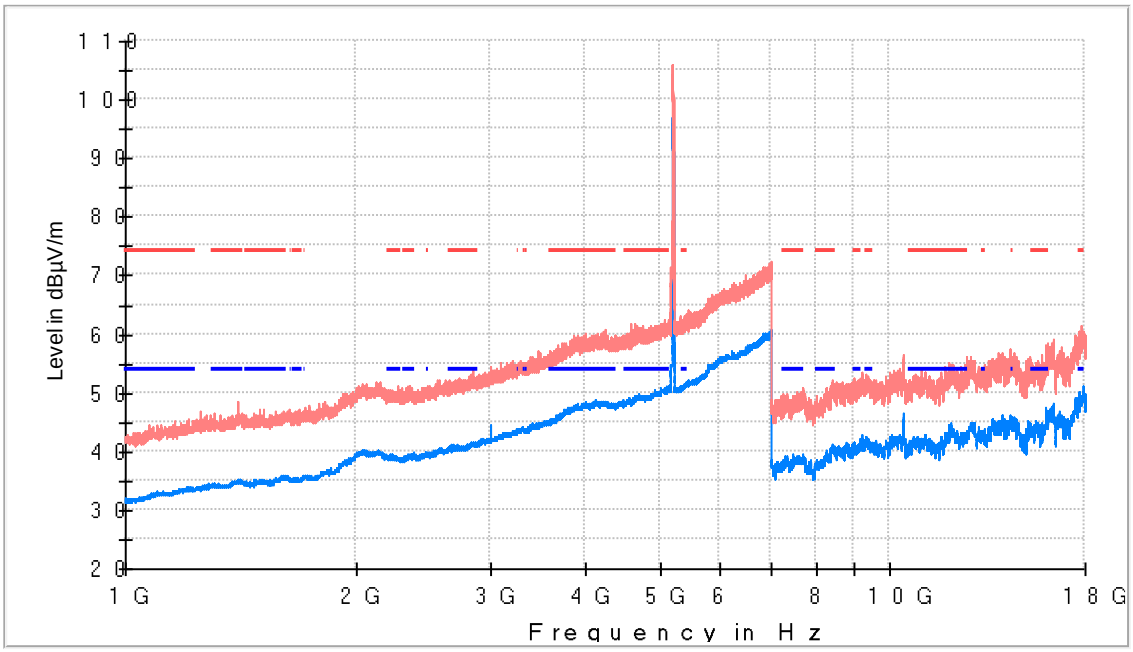


Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5174.500000	105.4	96.5	H	---	---	Fundamental
10361.000000	54.7	47.3	V	---	---	
17936.000000	59.9	51.0	H	3.0	54.0	

TEST RESULTS (Cont.)	1 GHz – 18 GHz

Bandwidth: 20 MHz

Middle Channel

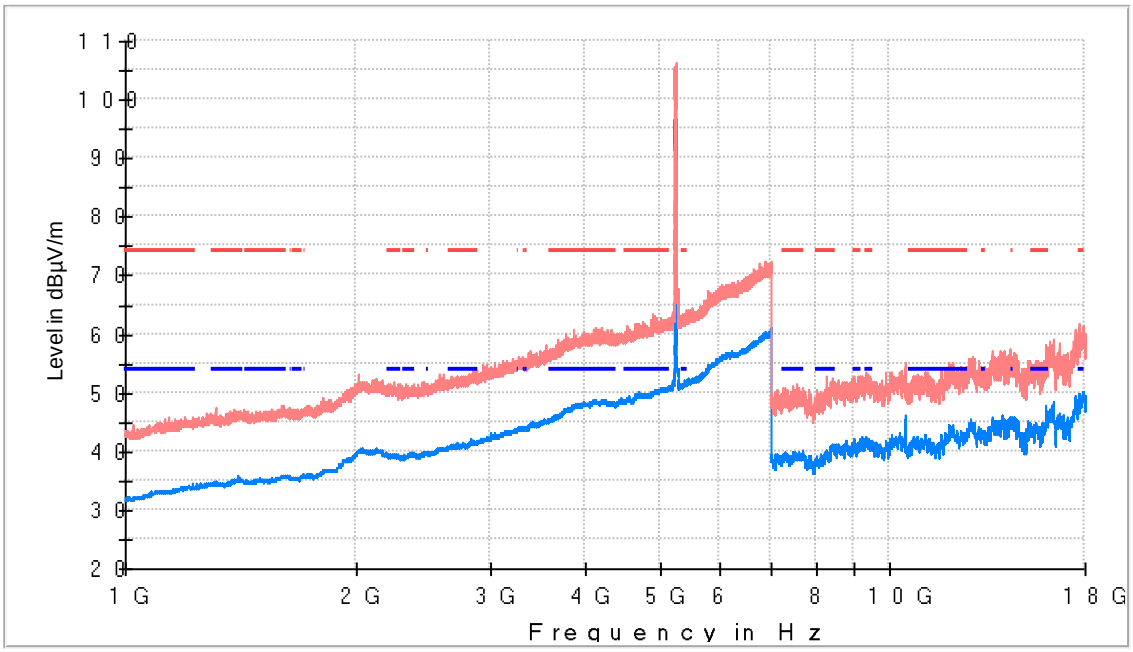


Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5205.000000	105.9	95.5	H	---	---	Fundamental
10394.000000	56.6	45.8	H	---	---	
17937.000000	58.9	51.1	V	2.9	54.0	

TEST RESULTS (Cont.)	1 GHz – 18 GHz

Bandwidth: 20 MHz

Highest Channel

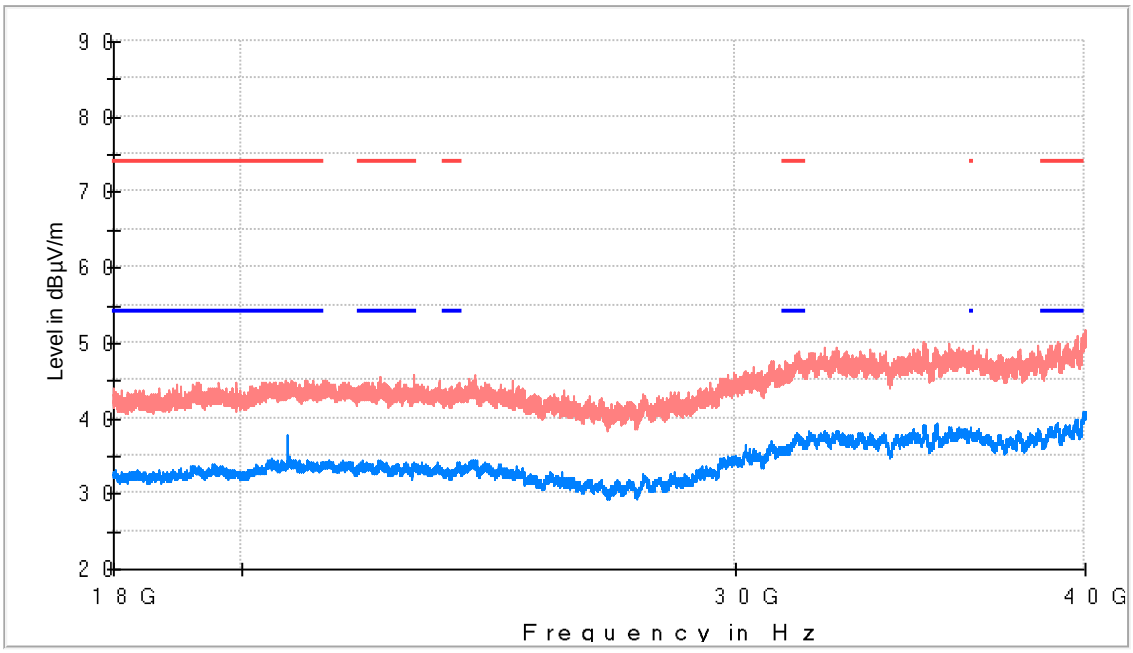


Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5248.000000	106.2	95.4	H	---	---	Fundamental
10483.500000	53.9	45.7	H	---	---	
17929.000000	59.4	50.2	H	3.8	54.0	

FREQUENCY RANGE	18 GHz – 40 GHz

Bandwidth: 20 MHz

Lowest Channel

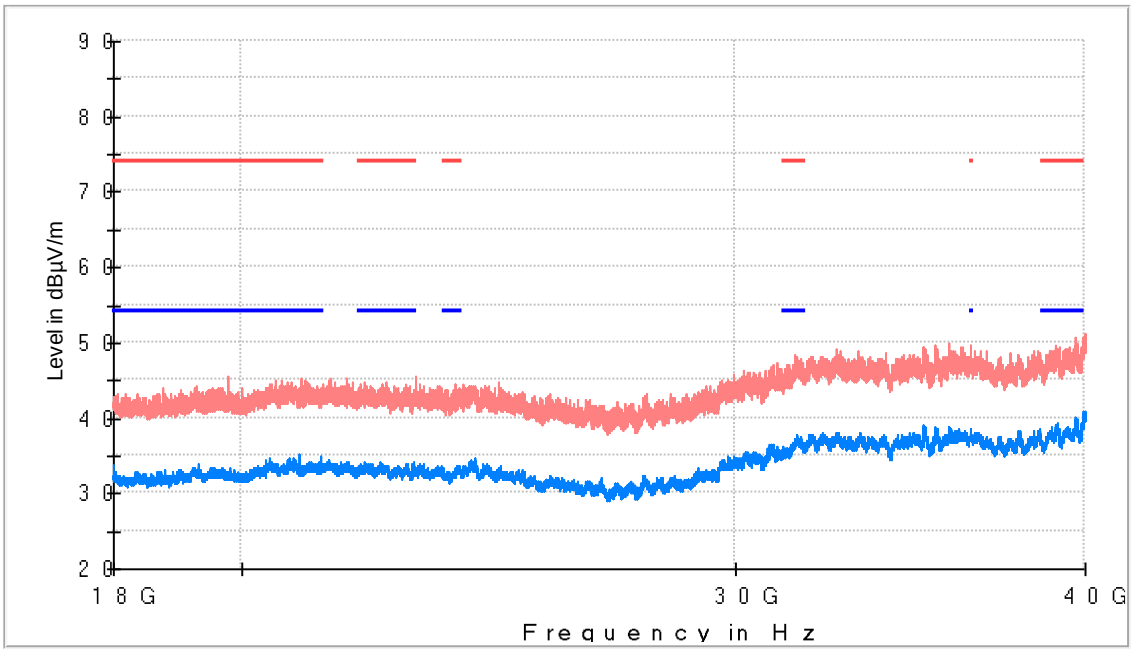


Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20799.500000	44.7	37.9	V	16.1	54.0
39964.937500	49.8	41.1	H	12.9	54.0

TEST RESULTS (Cont.)	18 GHz – 40 GHz

Bandwidth: 20 MHz

Middle Channel

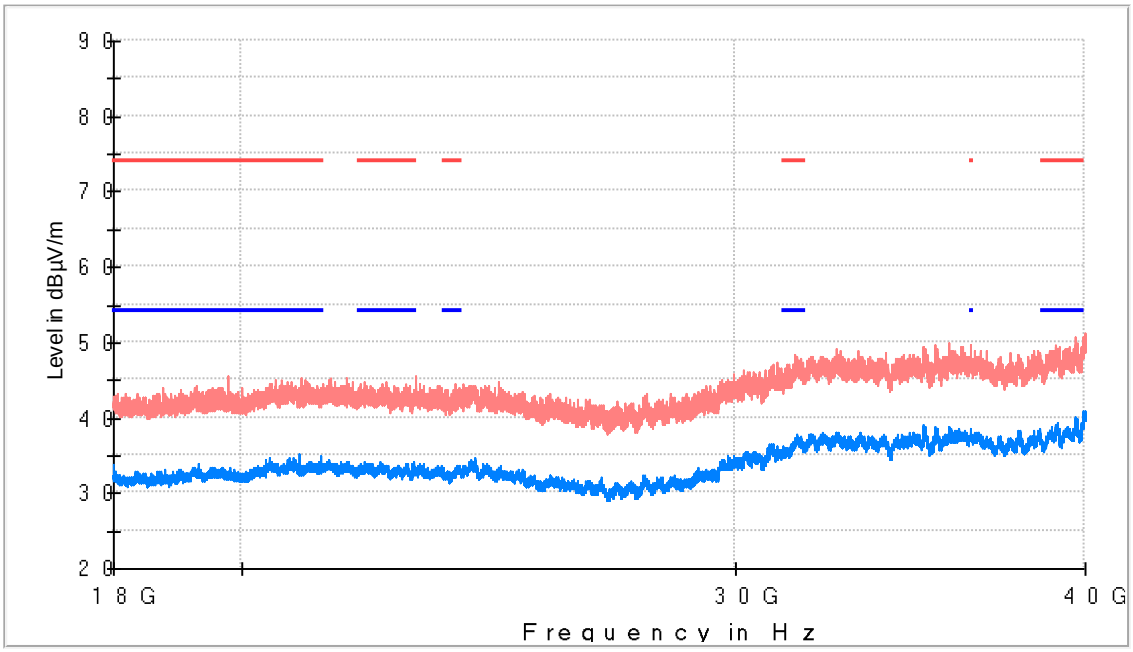


Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20759.625000	43.2	37.8	H	16.2	54.0
39969.750000	51.7	40.9	H	13.1	54.0

TEST RESULTS (Cont.)	18 GHz – 40 GHz

Bandwidth: 20 MHz

Highest Channel

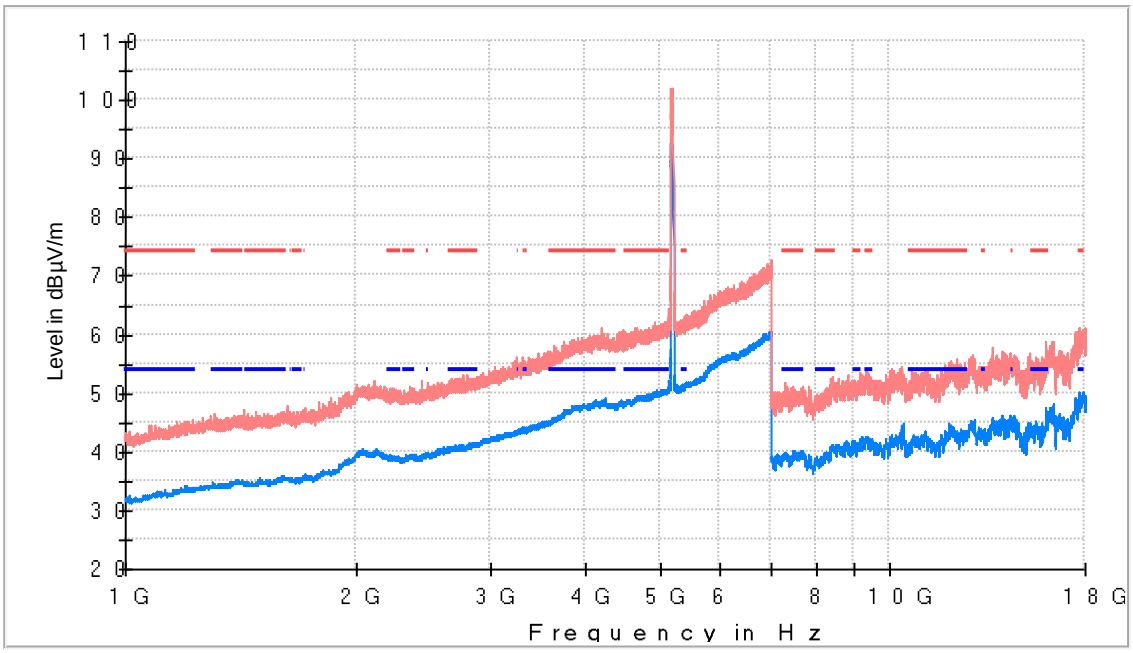


Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20959.687500	43.4	35.3	V	18.7	54.0
39958.062500	49.7	40.9	H	13.1	54.0

TEST RESULTS (Cont.)	1 GHz – 18 GHz

Bandwidth: 40 MHz

Lowest Channel

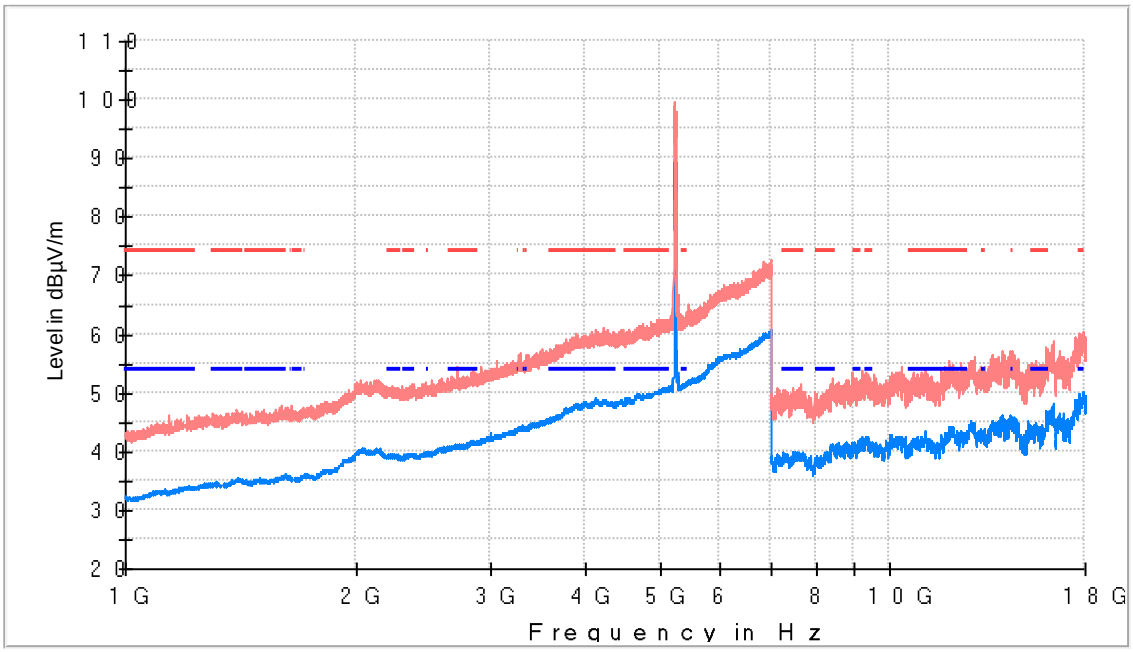


Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5195.000000	102.0	92.1	H	---	---	Fundamental
10383.500000	54.4	44.3	H	---	---	
17940.000000	59.2	50.4	H	3.6	54.0	

TEST RESULTS (Cont.)	1 GHz – 18 GHz

Bandwidth: 40 MHz

Highest Channel

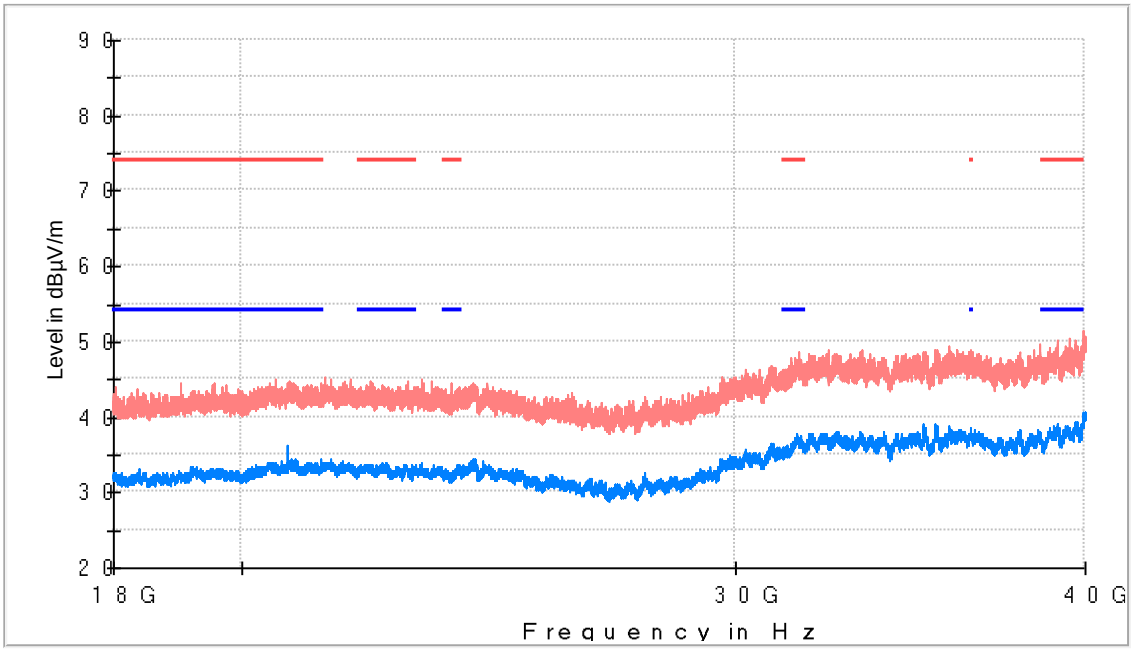


Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5225.500000	99.7	88.7	H	---	---	Fundamental
17937.000000	58.8	50.2	H	3.8	54.0	

FREQUENCY RANGE	18 GHz – 40 GHz

Bandwidth: 40 MHz

Lowest Channel

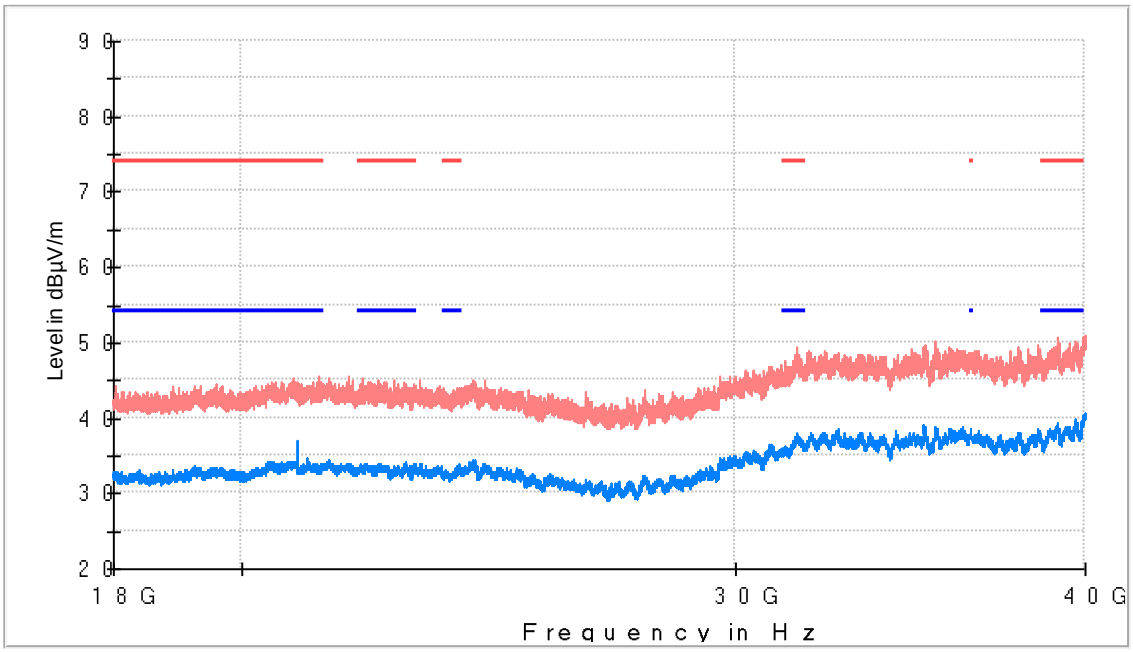


Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG
20759.625000	44.4	36.3	V	17.7	54.0
39961.500000	48.9	40.5	V	13.5	54.0

TEST RESULTS (Cont.)	18 GHz – 40 GHz

Bandwidth: 40 MHz

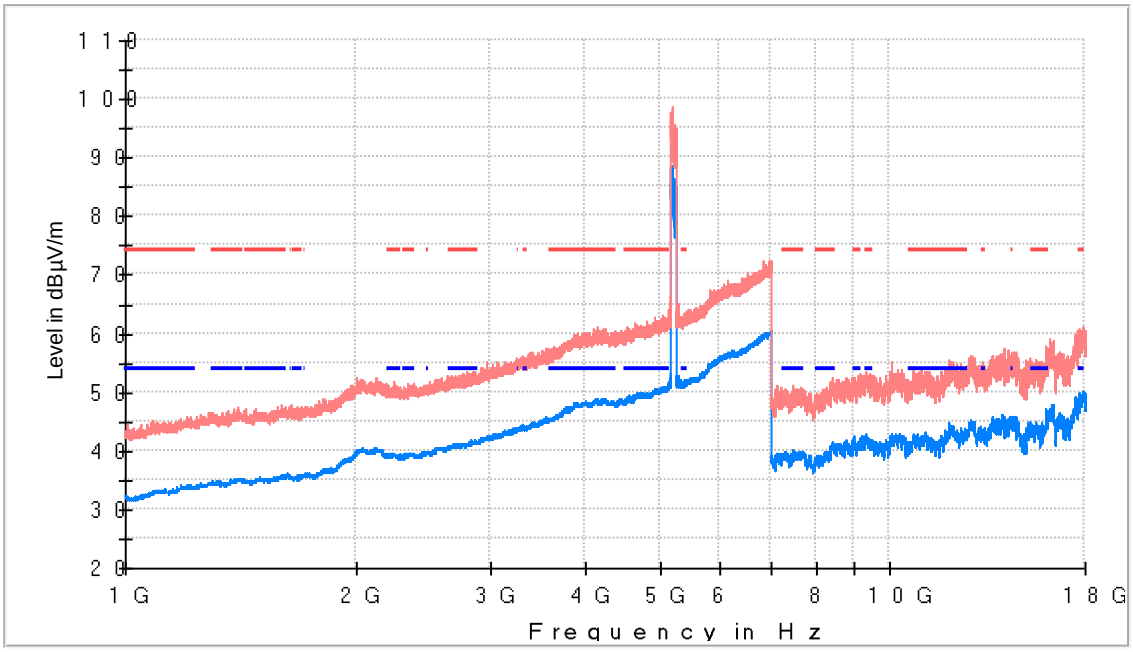
Highest Channel



Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20919.812500	44.3	37.0	V	17.0	54.0
39976.625000	49.8	40.5	V	13.5	54.0

FREQUENCY RANGE	1 GHz – 18 GHz

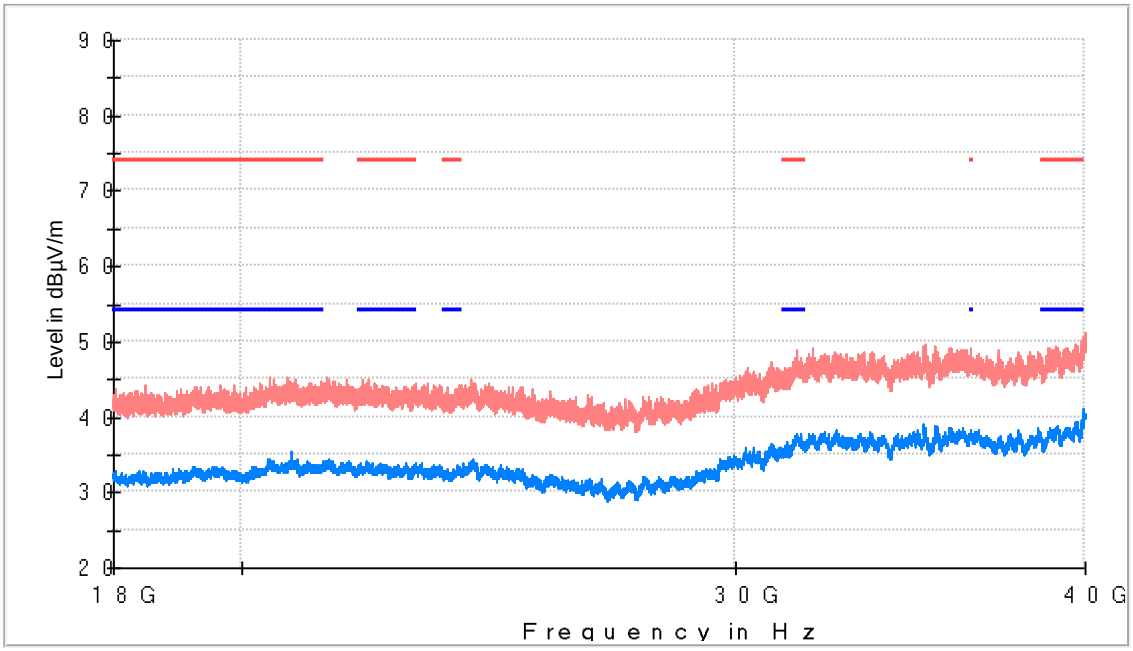
Bandwidth: 80 MHz



Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5185.000000	98.1	88.8	H	---	---	Fundamental
17926.500000	60.0	50.1	V	3.9	54.0	

TEST RESULTS (Cont.)	18 GHz – 40 GHz

Bandwidth: 80 MHz



Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
20840.062500	44.1	35.6	V	18.4	54.0
39964.937500	49.7	41.1	H	12.9	54.0

Subrange	Step Size	Detectors	Bandwidth	Sweep Time
30 MHz - 1 GHz	48.5 kHz	PK+; QPK	100 kHz	1 s
1 GHz - 7 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s
7 GHz - 18 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s
18 GHz - 40 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s

Appendix C: Test results 5.25 GHz – 5.35 GHz Band

Appendix C Content

DESCRIPTION OF TEST CONDITIONS

TEST CONDITIONS	DESCRIPTION
TC#01(1) **(a mode)**	Power supply (V): $V_{nominal}$ = 12 Vdc Channel Bandwidth: 20 MHz Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B) Lowest range: 5260 MHz Middle channel: 5280 MHz Highest range: 5320 MHz
TC#02(1) **(n mode)**	Power supply (V): $V_{nominal}$ = 12 Vdc Channel Bandwidth: 20 MHz Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B) Lowest range: 5260 MHz Middle channel: 5280 MHz Highest range: 5320 MHz Channel Bandwidth: 40 MHz Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B) Lowest channel: 5270 MHz Highest channel: 5310 MHz

TC#03(1) **(ac mode)**	Power supply (V): $V_{nominal}$ = 12 Vdc Channel Bandwidth: 20 MHz Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B) Lowest channel: 5260 MHz Middle channel: 5280 MHz Highest channel: 5320 MHz Channel Bandwidth:40 MHz Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B) Lowest channel: 5270 MHz Highest channel: 5310 MHz Channel Bandwidth: 80 MHz Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B) Lowest channel: 5290 MHz
TC#04(1)(2) **(ax mode non-beam forming)**	Power supply (V): $V_{nominal}$ = 12 Vdc Channel Bandwidth: 20 MHz Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B) Lowest channel: 5260 MHz Middle channel: 5280 MHz Highest channel: 5320 MHz Channel Bandwidth:40 MHz Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B) Lowest channel: 5270 MHz Highest channel: 5310 MHz Channel Bandwidth: 80 MHz Test Frequencies for Conducted/Radiated tests: (Radio A, Radio B and Radio A+B) Lowest channel: 5290 MHz

TC#05(1) **(ac mode Beam forming)**	Power supply (V): $V_{nominal}$ = 12 Vdc Channel Bandwidth: 20 MHz Test Frequencies for Conducted/Radiated tests (MIMO A+B): Lowest channel: 5260 MHz Middle channel: 5280 MHz Highest channel: 5320 MHz Channel Bandwidth:40 MHz Test Frequencies for Conducted/Radiated tests (MIMO A+B): Lowest channel: 5270 MHz Highest channel: 5310 MHz Channel Bandwidth: 80 MHz Test Frequencies for Conducted/Radiated tests (MIMO A+B): Lowest channel: 5290 MHz

Note (1): The test set-up was made in accordance to the general provisions of FCC Unlicensed National Information Infrastructure (U-NII) Devices 789033 D02 General U-NII Test Procedures New Rules v02r01 dated Dec 14, 2017.

The EUT was tested in the following operating mode:

- Continuously transmitting with a modulated carrier at maximum power in all required channels using the supported data rates/modulation types.
- Preliminary tests for 26 dB and Occupied bandwidth determined the SISO worst case: Port A.
- For spurious emissions for OFDM modes 802.11a, 802.11n20/40, 802.11ac20/40/80, and 11ax20/40/80 a preliminary scan was performed to determine the worst case. The following tables and plots show the results for the worst case in 802.11ac mode.
- The data rates of 54Mb/s for 802.11a, MCS 7 for 802.11n, MCS8 for 802.11ac20 and MCS9 for 802.11ac40/80, and MCS8 for ax20, MCS 9 for ax40 and MCS11 for ax80 were selected based on preliminary testing that identified those rates corresponding to the worst cases.
- For all modes, the EUT was configured in test mode using a software application. The application was used to enable a continuous transmission and to select the test channels as required. The client supplied instructions to configure the EUT. The customer supplied a document containing the setup instructions.
- Beamforming mode is only supported with OFDMA Full RU according to manufacturer specifications (see annex F).

Note (2): Preliminary measurements determined the PSD levels of partial RU is higher than the full RU in ax mode. RU 26 tone was identified as the worst-case RU (Resource Unit) carrier allocation for all non-beamforming ax mode testing.

The worst-case RU combinations used in the ax mode non-beamforming SISO/MIMO measurement (all test cases except Band Edge testing) are indicated as follows:

- 20 MHz BW - RU26 offset 0
- 40 MHz BW - RU26 offset 8
- 80 MHz BW - RU26 offset 0

The worst-case RU combinations used in the ax mode SISO/MIMO measurement (Band Edge testing) are indicated as follows:

- 20 MHz BW - RU26 offset 0 & 8
- 40 MHz BW - RU26 offset 0 & 17
- 80 MHz BW - RU26 offset 0 & 36

Directional Antenna Gain Calculations for CDD MIMO In-Band Measurements:

For 2Tx CDD MIMO modes, in accordance with KDB 662911 D01 v02r01 Section F)2)f)i), directional gain was calculated as follows:

• For power spectral density (PSD) measurements:
Directional gain $_{PSD}$ = G_{ANT} + 10 log(N_{ANT}/N_{SS}) dBi
N_{SS} = 1 (worst case), N_{ANT} = 2, G_{ANT} = -2.8 dBi
Directional gain $_{PSD}$ = 2 + 10 log(2/1) = 2 + 10log(2) = -2.8 + 3.01 = + 0.21 dBi
PSD Antenna Gain MIMO Chain 0 & 1: + 0.21 dBi

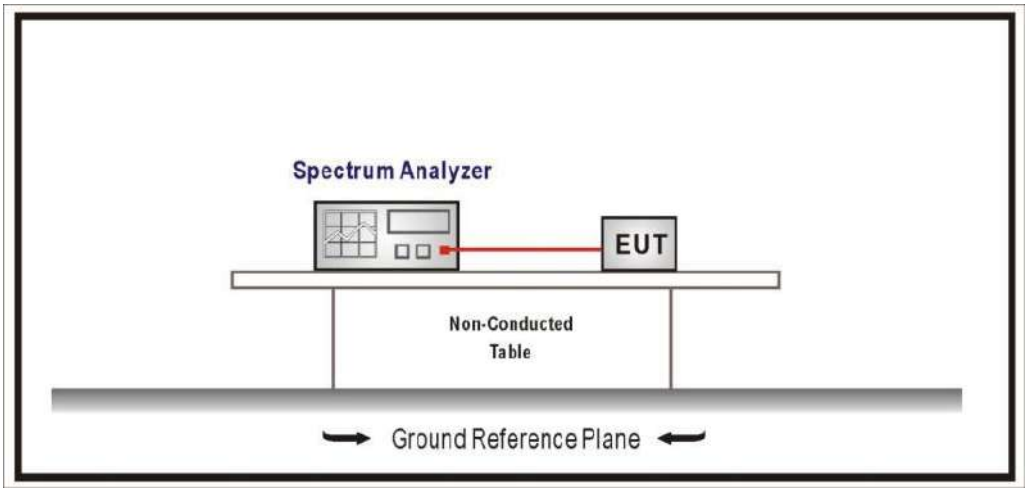
• For power measurements:
Directional gain $_{POWER}$ = G_{ANT} dBi (N_{ANT} < 4)
Directional gain $_{POWER}$ = G_{ANT} =- 2.8 dBi
Power Antenna Gain MIMO Chain 0 & 1: - 2.8 dBi

SECTION C.1: 26DB EMISSION BANDWIDTH AND OCCUPIED BANDWIDTH

LIMITS:	Product standard:	Part 15 Subpart C §15.403 and RSS-247
	Test standard:	Part 15 Subpart C §15.403 and RSS-247 6.2.1

No requirements requested.

TEST SETUP:	



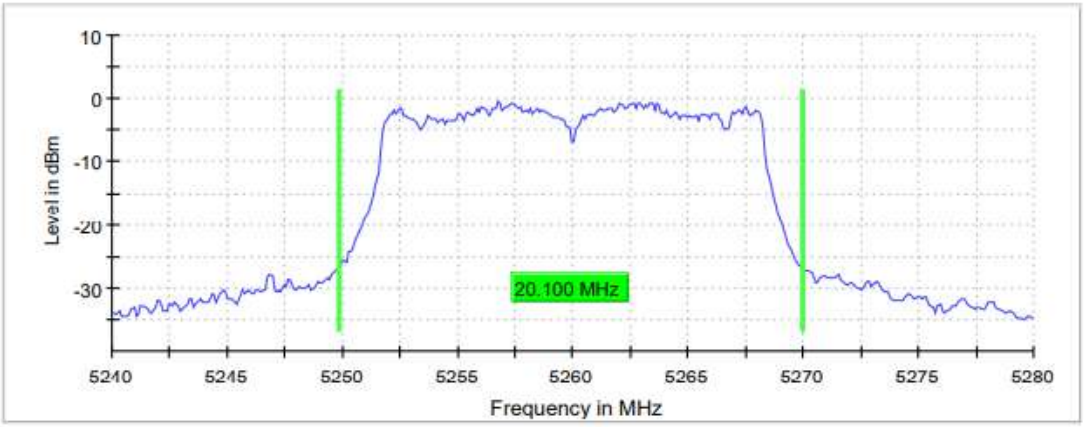
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode SISO Radio A)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

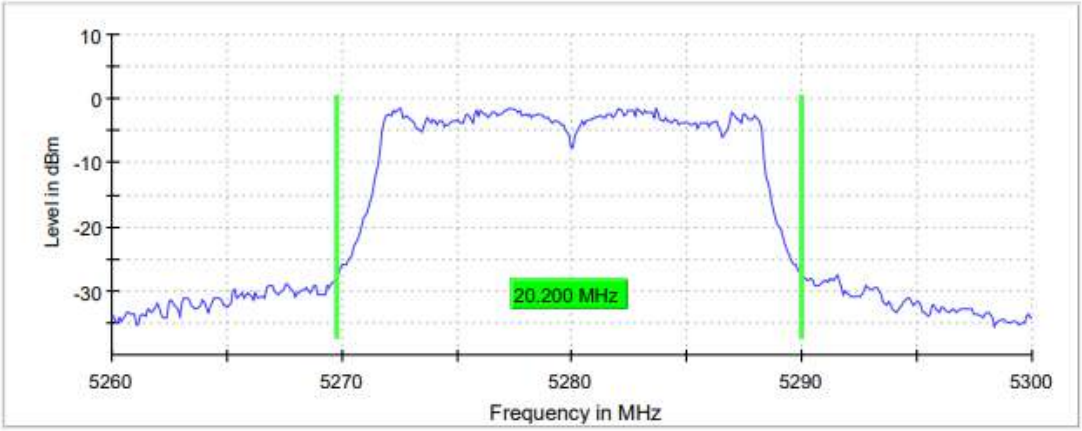
	Lowest frequency 5260 MHz	Middle frequency 5280 MHz	Highest frequency 5320 MHz
26dB Bandwidth (MHz)	20.100	20.200	22.400
Occupied bandwidth (MHz)	16.700	16.600	16.700

TEST RESULTS (Cont.):	26 dB BANDWIDTH

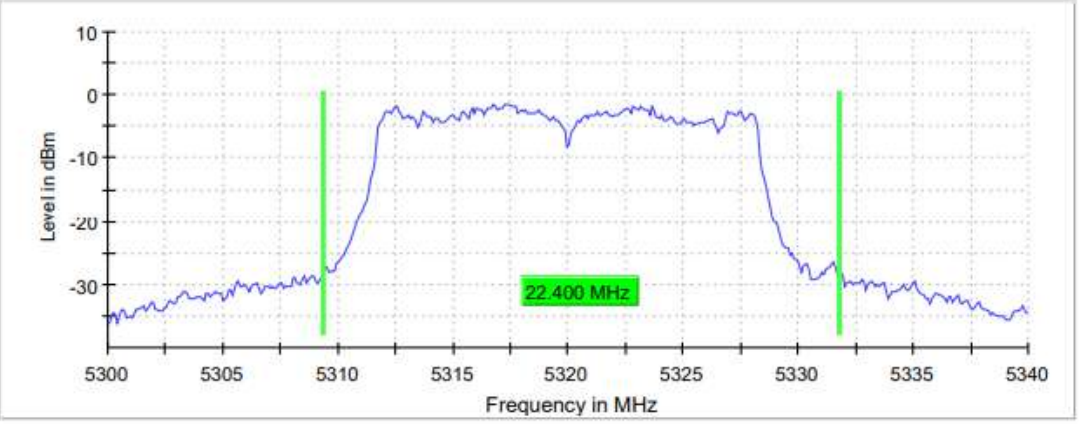
Lowest Channel



Middle Channel



Highest Channel



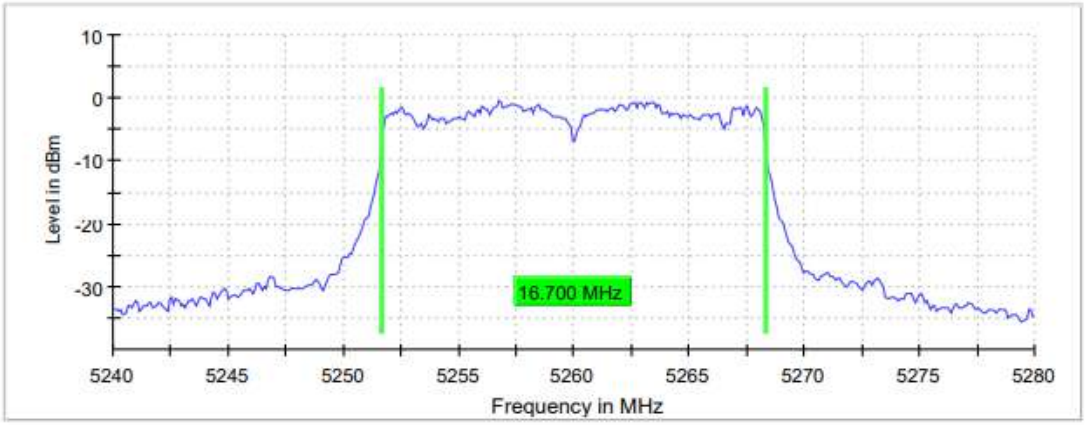
TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 µs	28.477 µs	28.477 µs
Reference Level	20.000 dBm	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	40.000 dB	40.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	FFT	FFT	FFT
Preamp	off	Off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	71 / max. 150	72 / max. 150	63 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB	0.02 dB

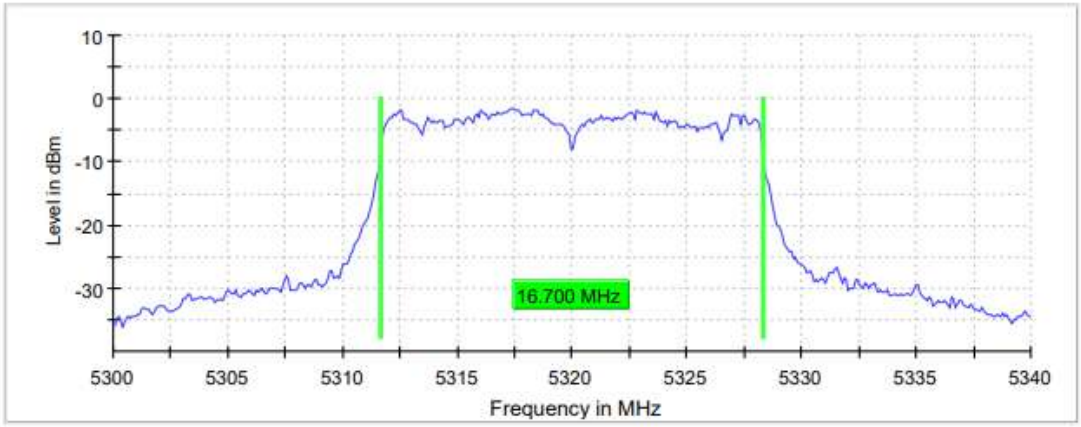
TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Middle Channel

Highest Channel



TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 KHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 µs	28.477 µs	28.443 µs
Reference Level	20.000 dBm	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	40.000 dB	40.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	FFT	FFT	FFT
Preamp	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	61 / max. 150	73 / max. 150	55 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.19 dB	0.26 dB	0.29 dB

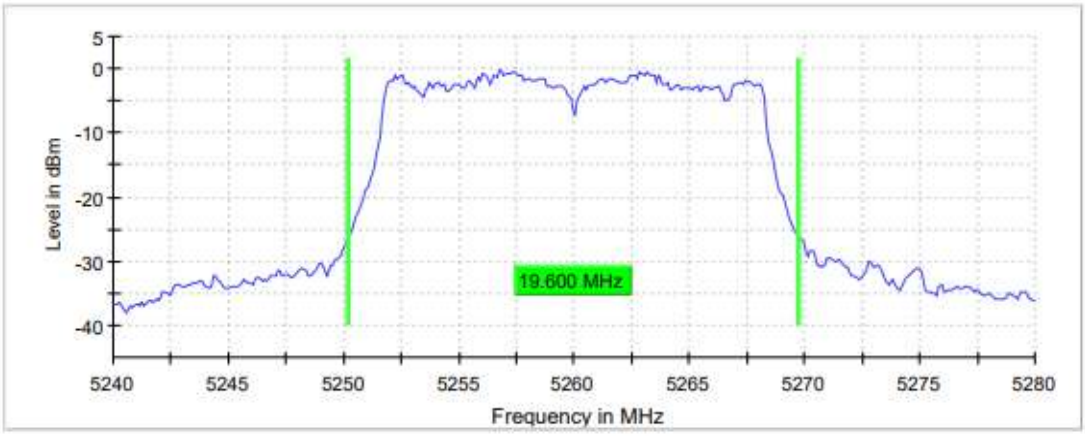
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode SISO Radio B)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

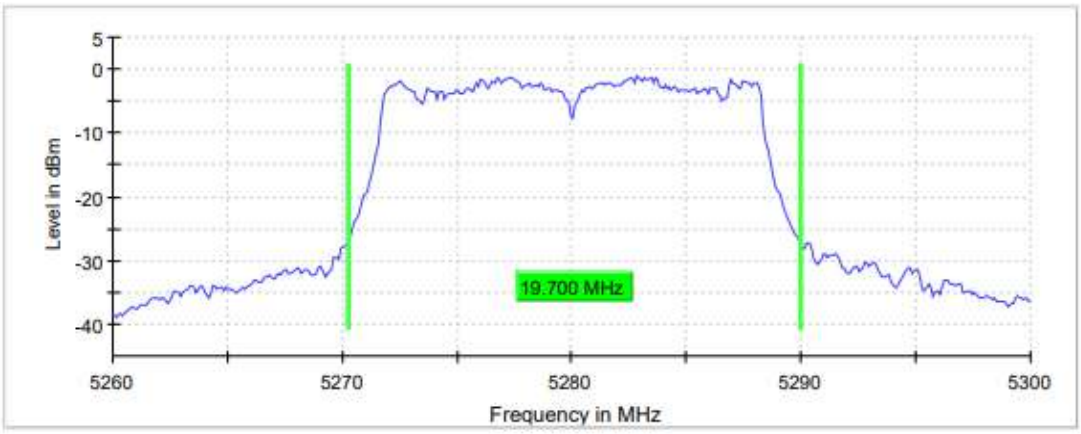
	Lowest frequency 5260 MHz	Middle frequency 5280 MHz	Highest frequency 5320 MHz
26dB Bandwidth (MHz)	19.600	19.700	19.700
Occupied bandwidth (MHz)	16.600	16.700	16.600

26 dB Bandwidth:

Lowest Channel

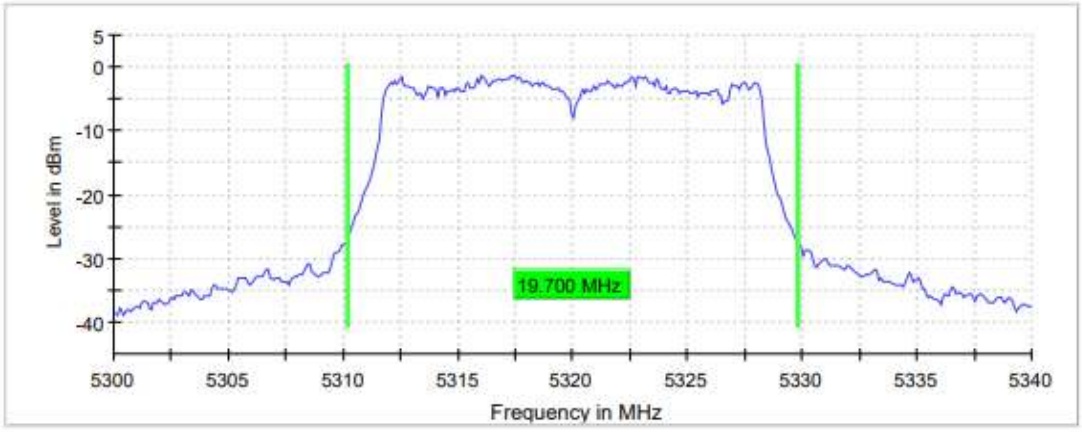


Middle Channel



TEST RESULTS (Cont.)	

Highest Channel

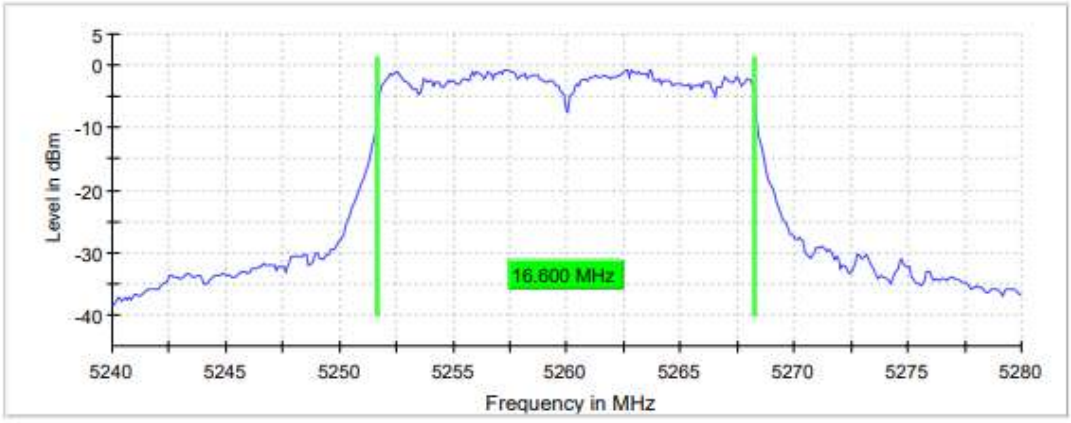


Measurement

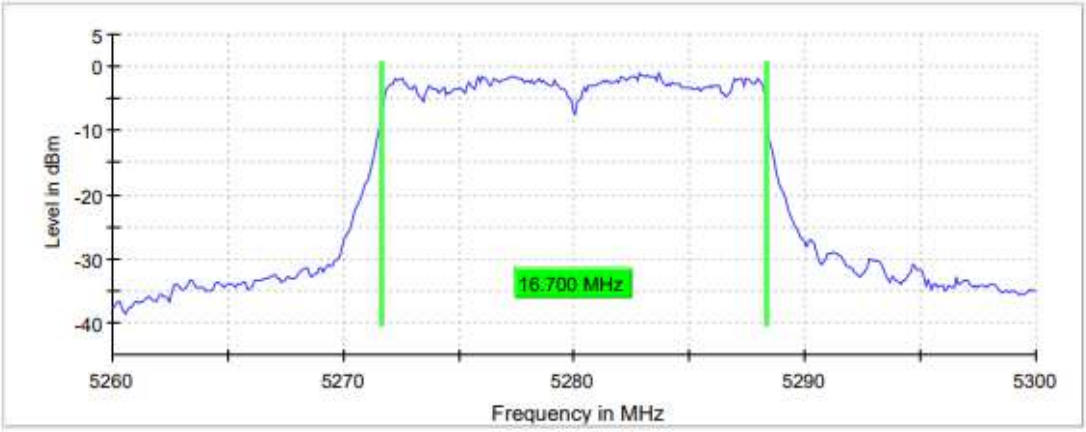
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.30000 GHz	5.26000 GHz	5.22000 GHz
Stop Frequency	5.34000 GHz	5.30000 GHz	5.26000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	0.000 dBm	0.000 dBm
Attenuation	30.000 dB	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	38 / max. 150	72/ max. 150	48 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.28 dB	0.18 dB	0.13 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Middle Channel



Highest Channel

TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.18000 GHz	5.22000 GHz
Stop Frequency	5.28000 GHz	5.22000 GHz	5.26000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	0.000 dBm	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	50 / max. 150	74 / max. 150	38 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.11 dB	0.12 dB	0.25 dB

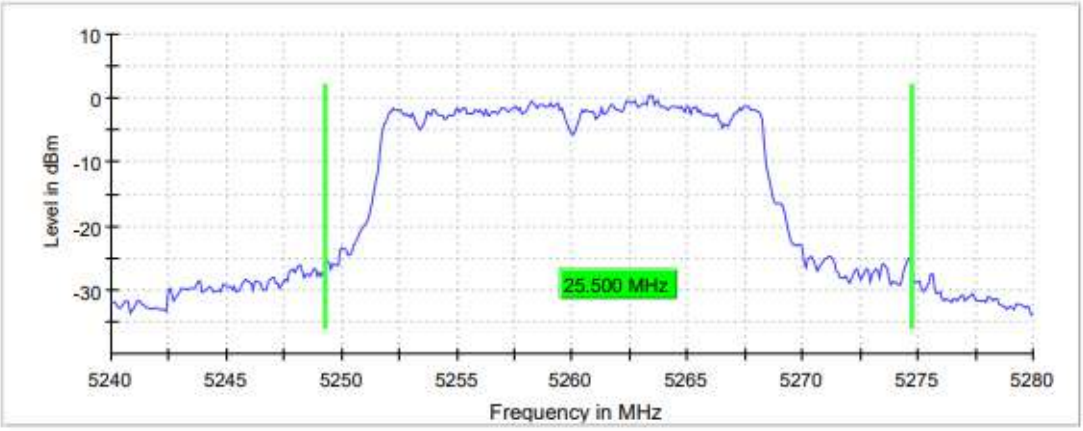
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode MIMO Radio A+B)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

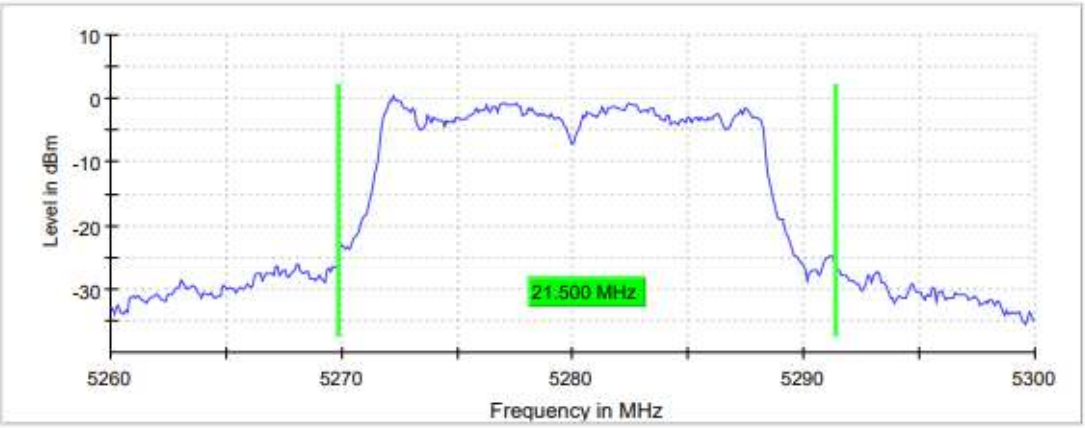
	Lowest frequency 5260 MHz	Middle frequency 5280 MHz	Highest frequency 5320 MHz
26dB Bandwidth (MHz)	25.500	21.500	23.300
Occupied bandwidth (MHz)	16.700	16.700	16.700

26 dB Bandwidth:

Lowest Channel

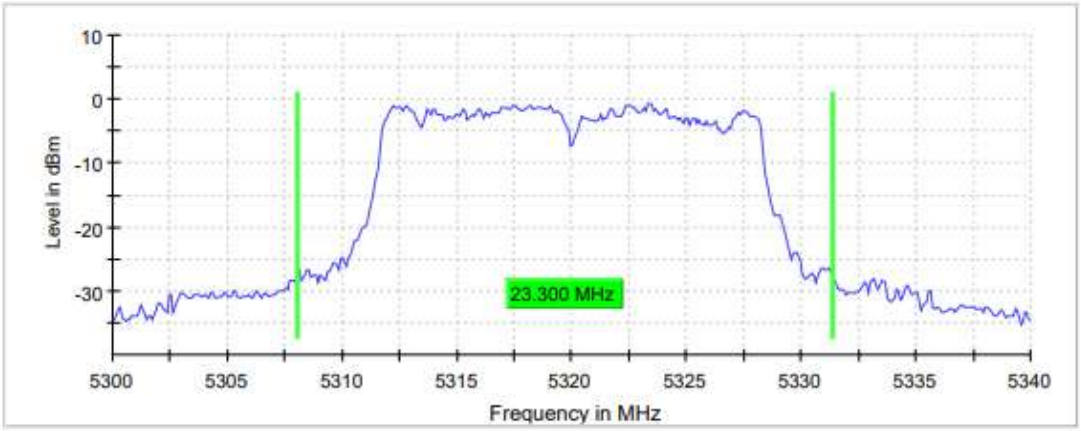


Middle Channel



TEST RESULTS (Cont.)	

Highest Channel

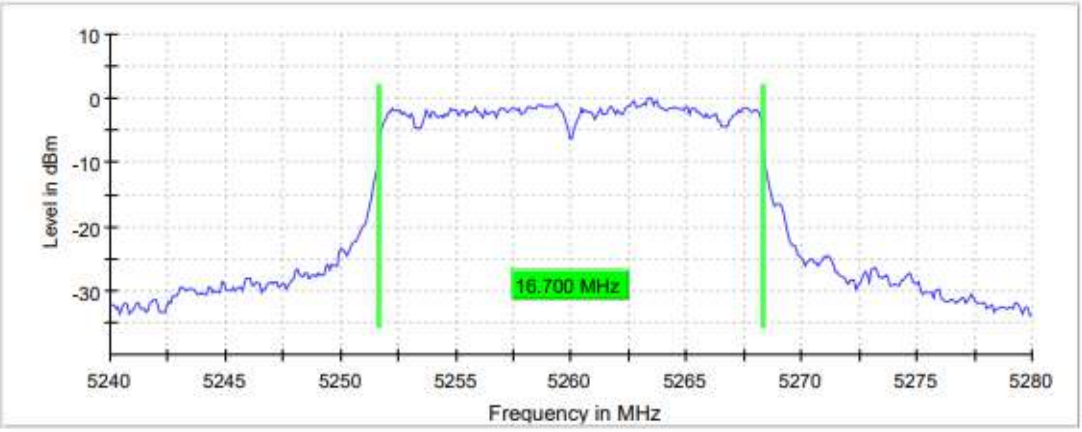


Measurement

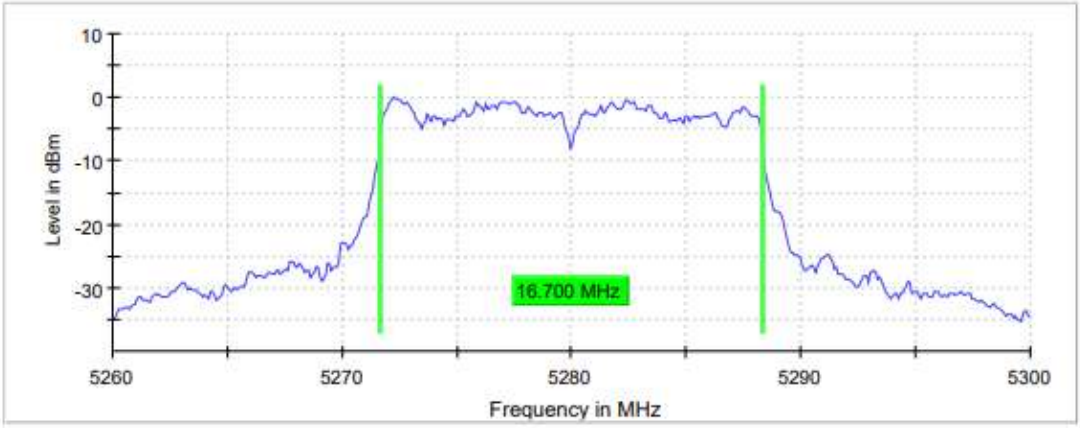
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	57 / max. 150	52 / max. 150	82 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.26 dB	0.01 dB	0.12 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

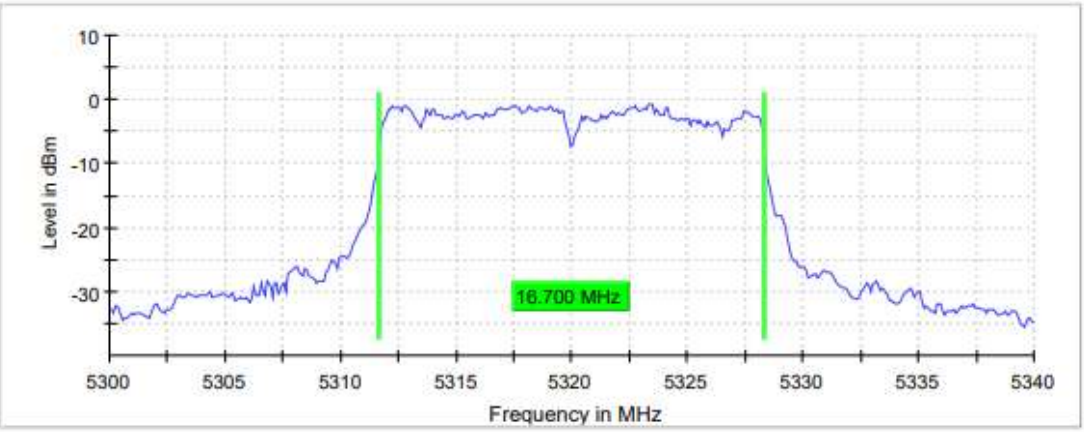
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	36 / max. 150	66 / max. 150	59 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.27 dB	0.08 dB	0.00 dB

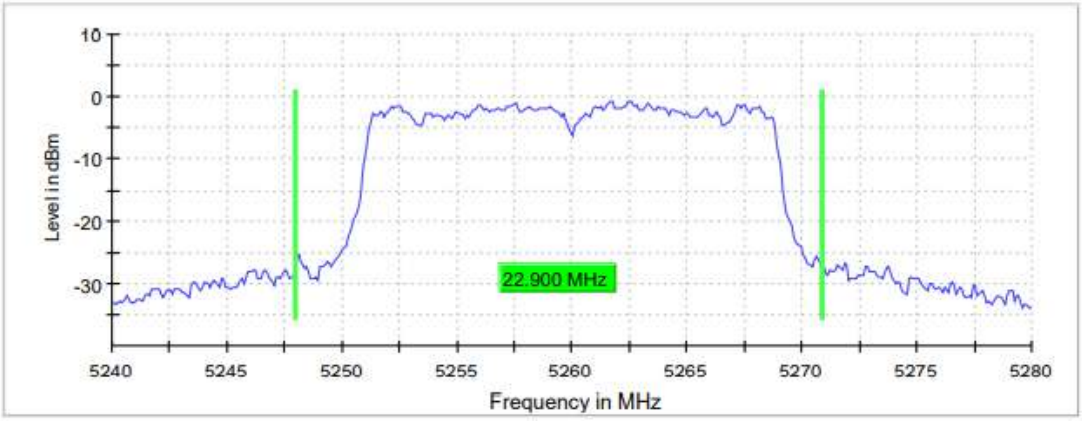
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n Mode SISO Radio A)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

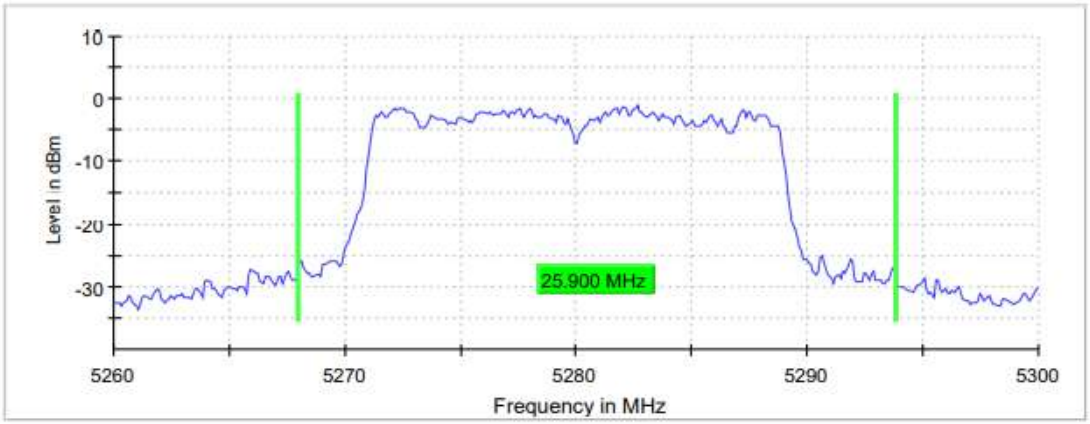
	Lowest frequency 5260 MHz	Middle frequency 5280 MHz	Highest frequency 5320 MHz
26dB bandwidth (MHz)	22.900	25.900	26.200
Occupied bandwidth (MHz)	17.700	17.800	17.800

26 dB Bandwidth:

Lowest Channel

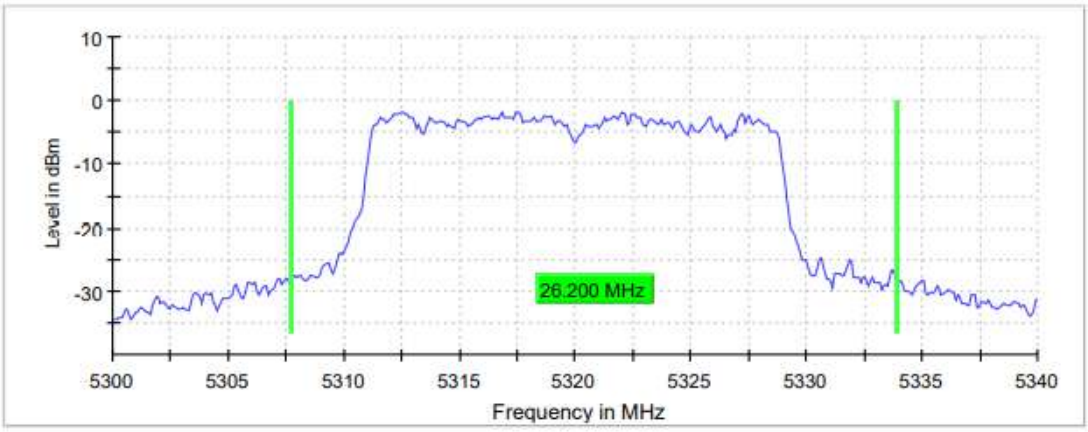


Middle Channel



TEST RESULTS (Cont.)	

Highest Channel

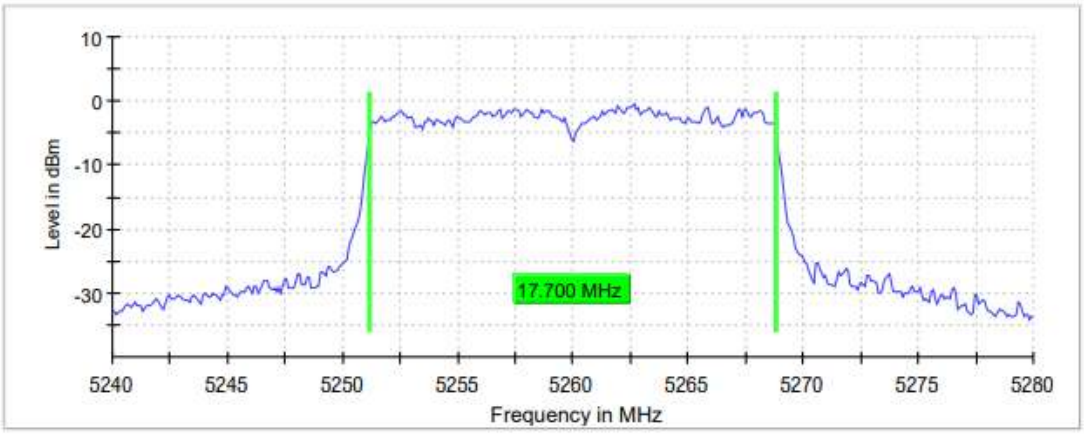


Measurement

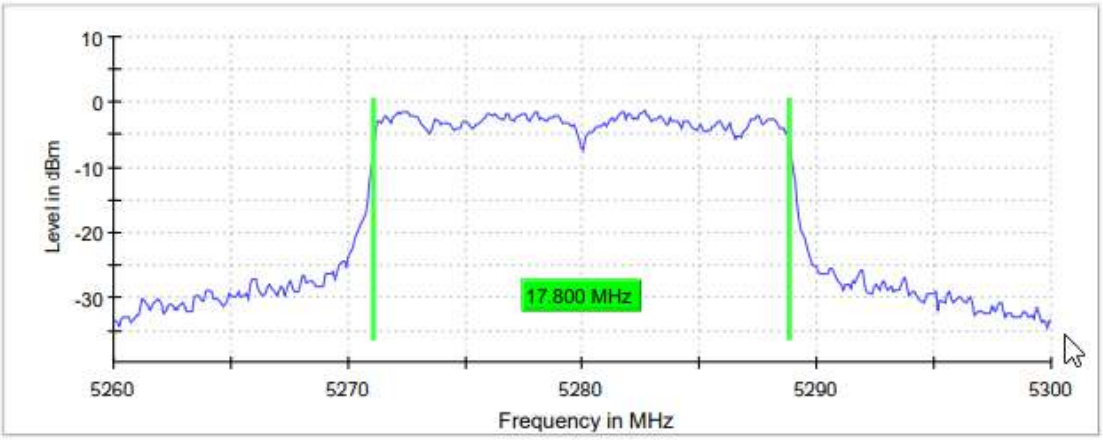
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	0.000 dBm	0.000 dBm
Attenuation	30.000 dB	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	47 / max. 150	79 / max. 150	51 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.07 dB	0.20 dB	0.00 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

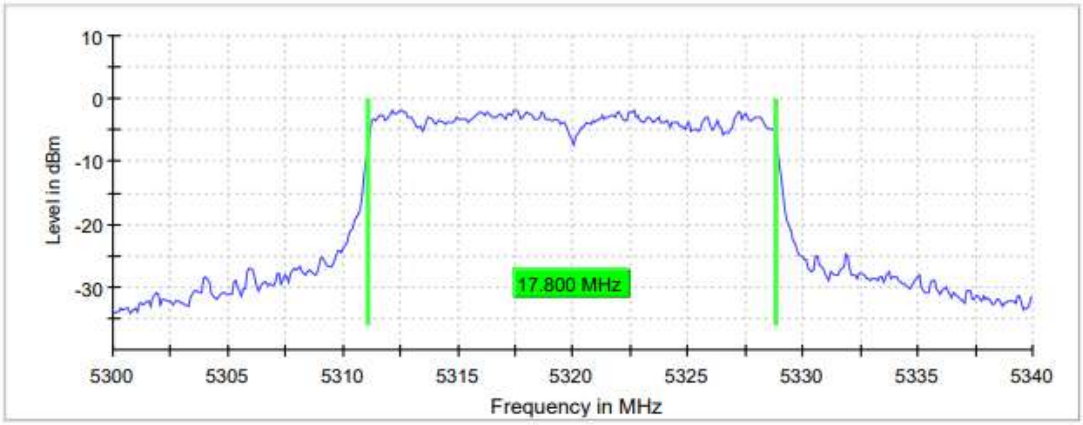
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	0.000 dBm	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	70 / max. 150	58 / max. 150	62/ max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.02 dB	0.24 dB

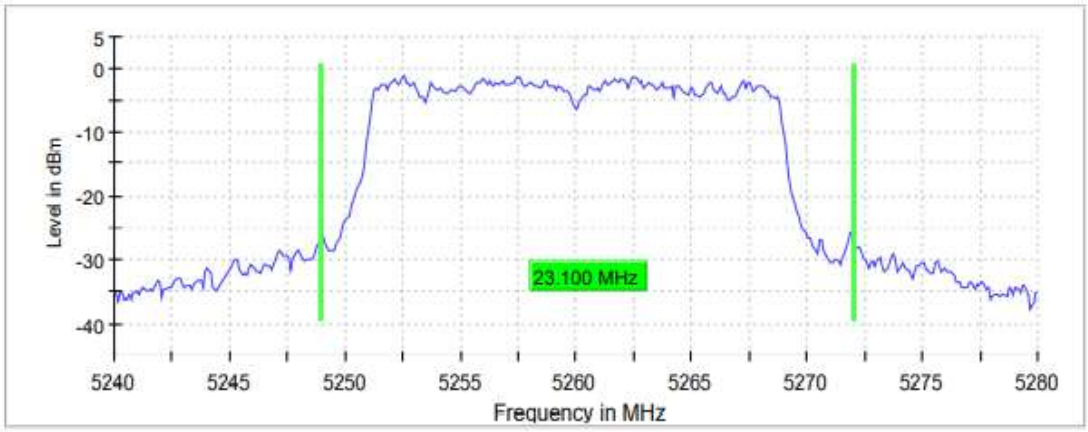
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n Mode SISO Radio B)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

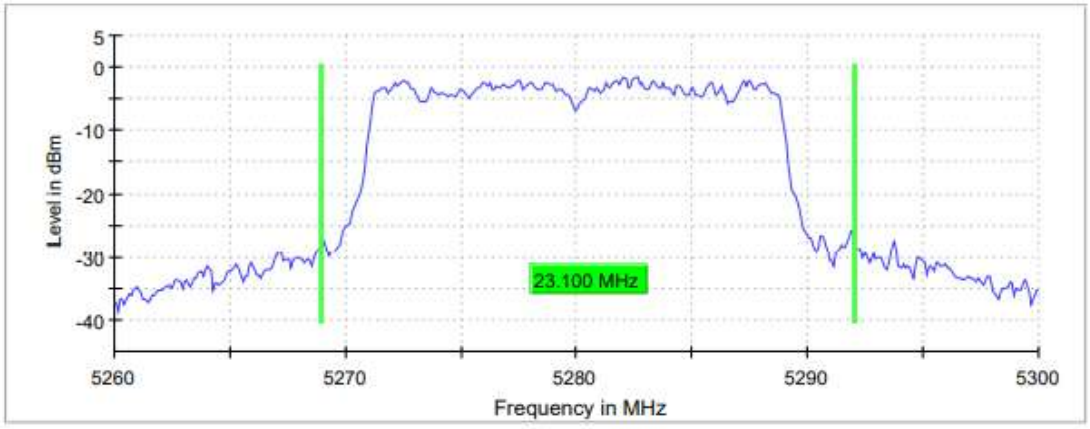
	Lowest frequency 5260 MHz	Middle frequency 5280 MHz	Highest frequency 5320 MHz
26dB Bandwidth (MHz)	23.100	23.100	22.400
Occupied bandwidth (MHz)	17.700	17.700	17.700

26 dB Bandwidth:

Lowest Channel

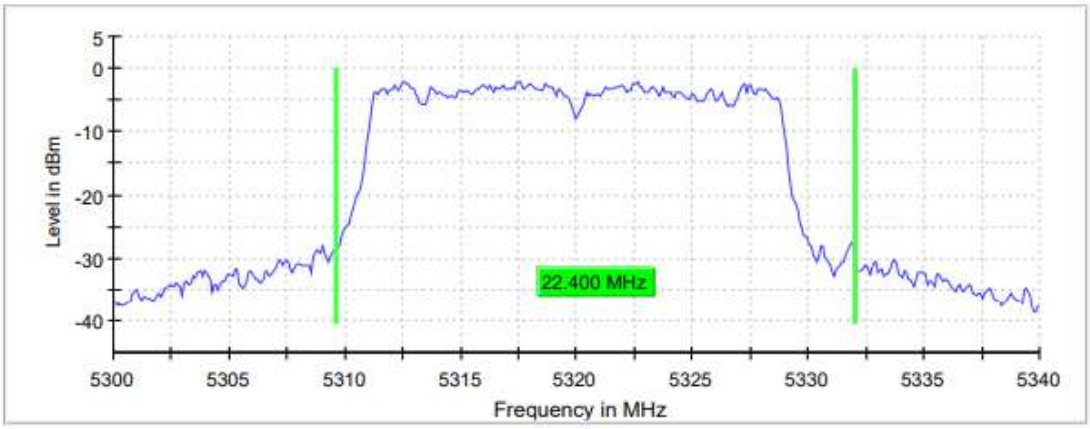


Middle Channel



TEST RESULTS (Cont.)	

Highest Channel

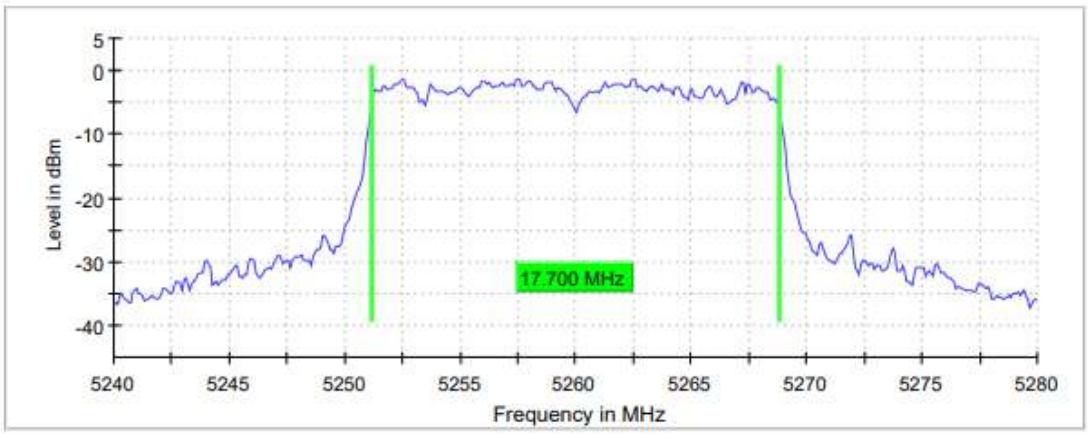


Measurement

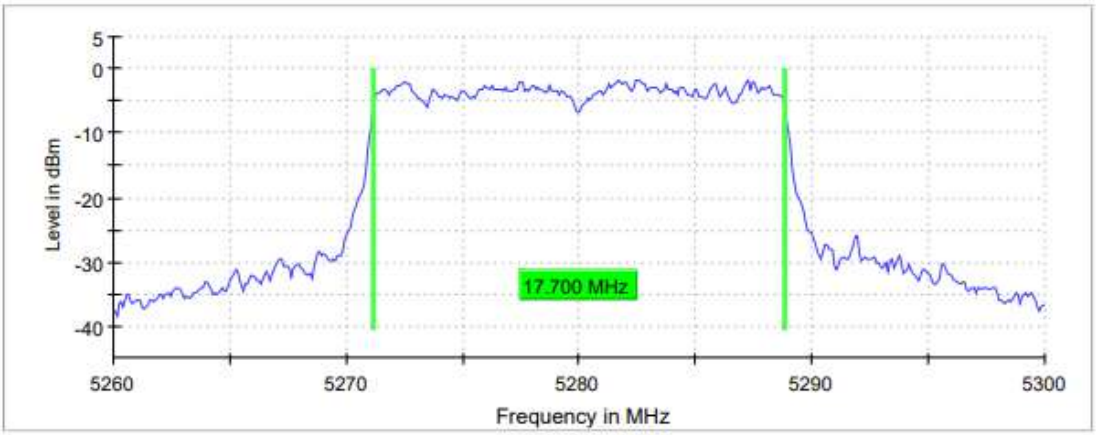
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	0.000 dBm	0.000 dBm
Attenuation	30.000 dB	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	62 / max. 150	57 / max. 150	54/ max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.30 dB	0.04 dB	0.00 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

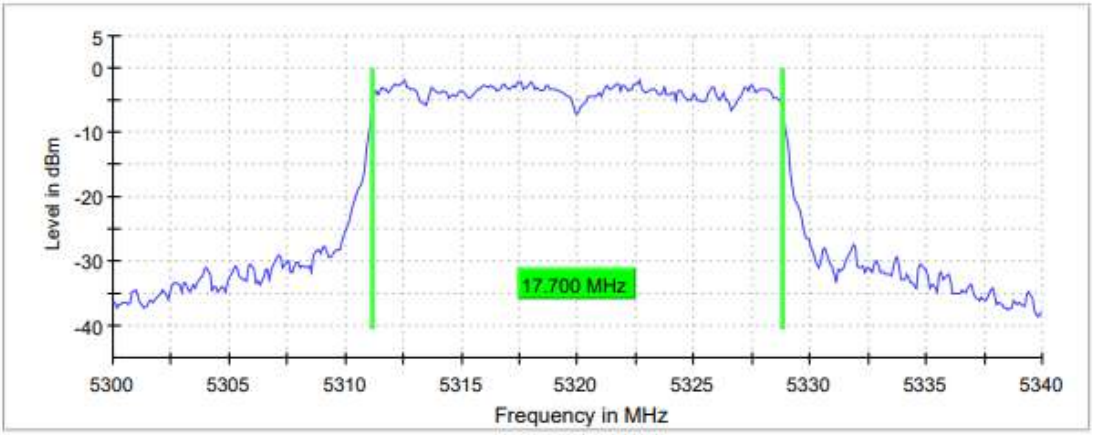
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	0.000 dBm	0.000 dBm	20.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	97 / max. 150	50 / max. 150	66 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB	0.00 dB

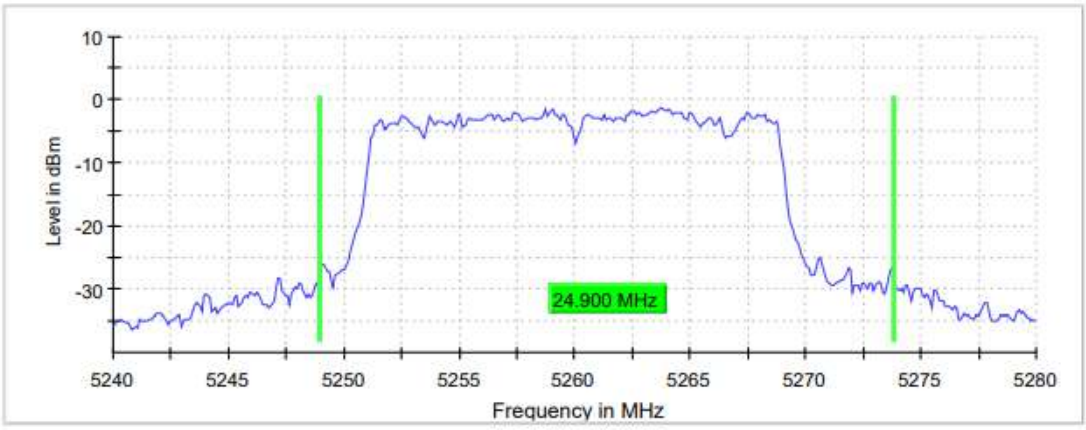
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n Mode MIMO Radio A+B)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

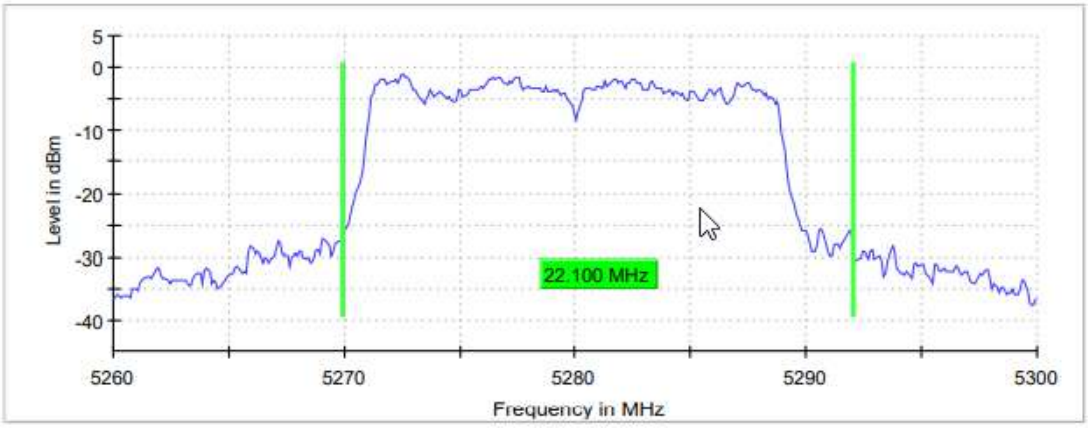
	Lowest frequency 5260 MHz	Middle frequency 5280 MHz	Highest frequency 5320 MHz
26dB Bandwidth (MHz)	24.900	22.100	21.200
Occupied bandwidth (MHz)	17.700	17.800	17.700

26 dB Bandwidth:

Lowest Channel

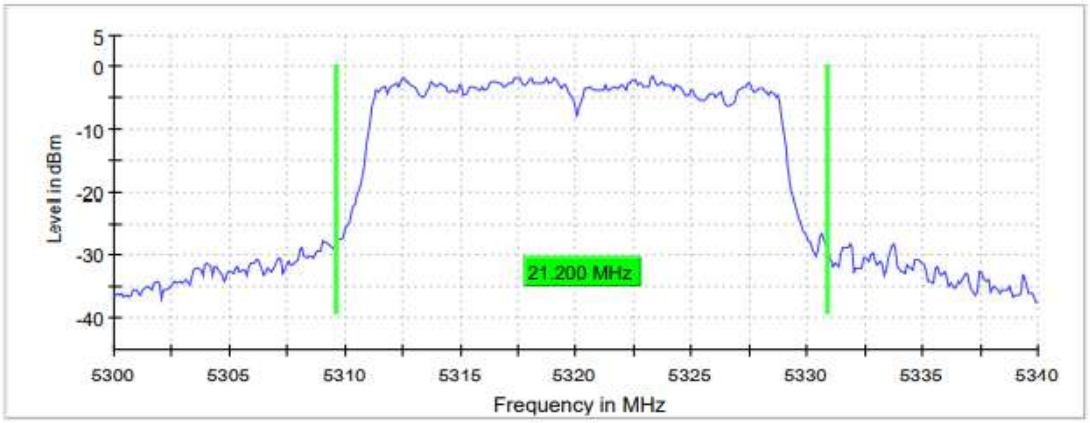


Middle Channel



TEST RESULTS (Cont.)	

Highest Channel

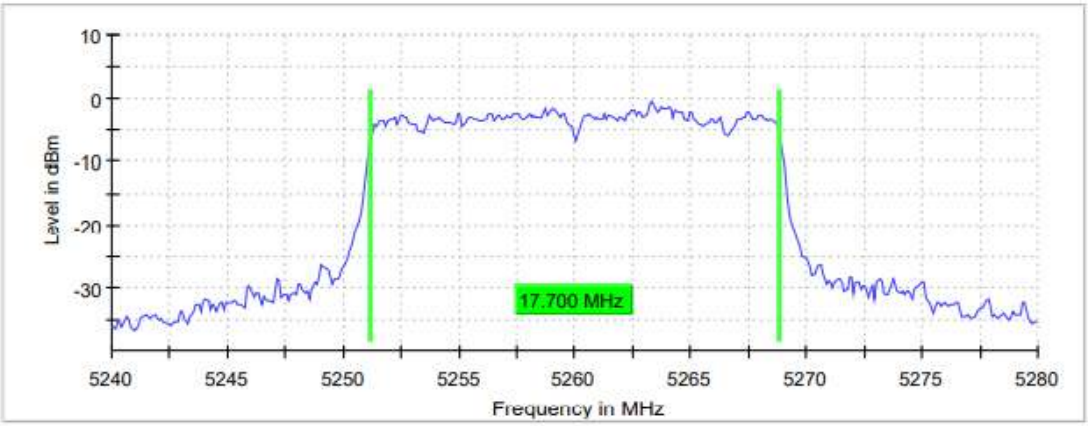


Measurement

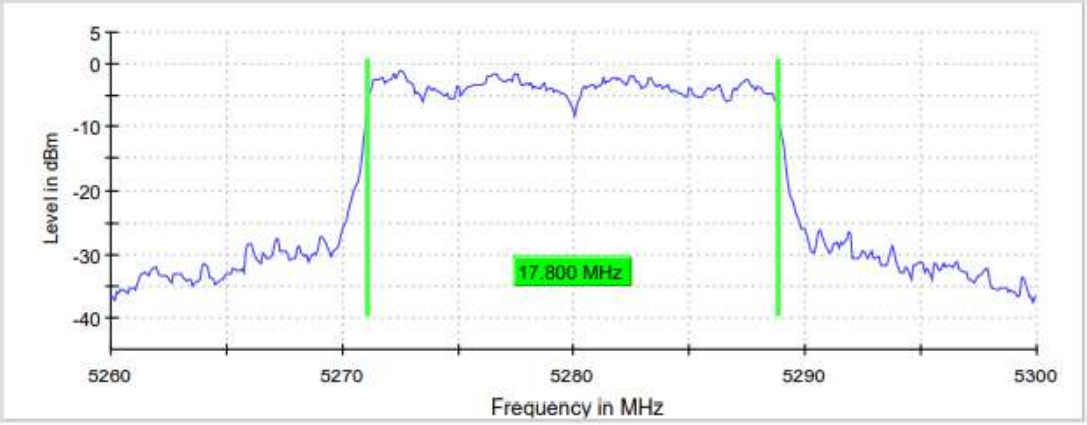
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	56 / max. 150	36 / max. 150	77 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.24 dB	0.05 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

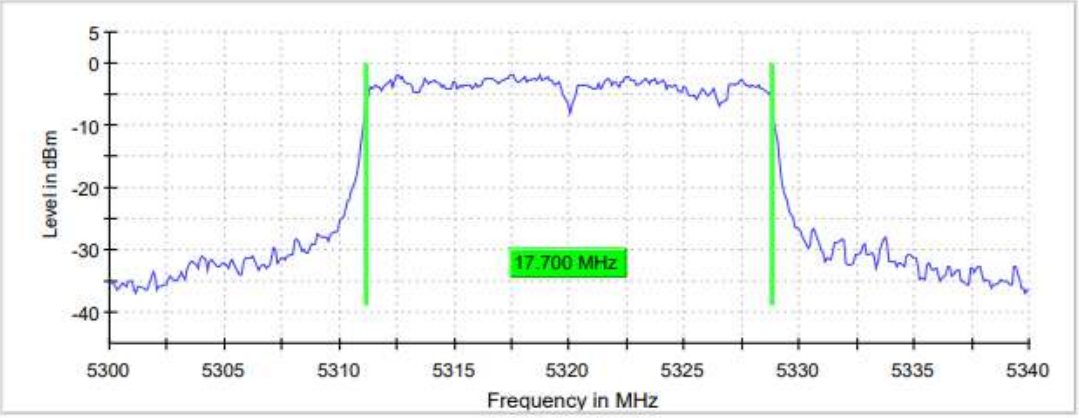
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	0.000 dBm	10.000 dBm
Attenuation	30.000 dB	20.000 dB	30.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	82 / max. 150	53/ max. 150	63 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.14 dB	0.16 dB

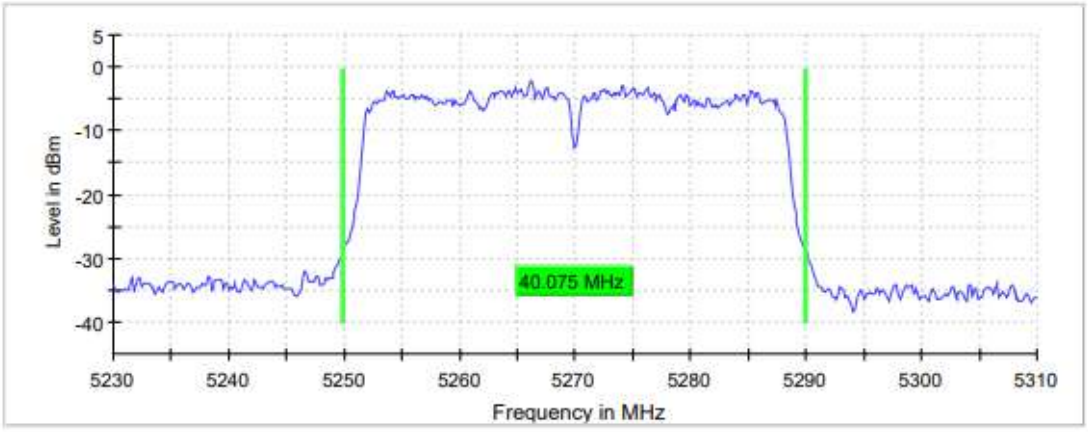
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n Mode SISO Radio A)
TEST RESULTS:	PASS

Bandwidth: 40 MHz

	Lowest frequency 5270 MHz	Highest frequency 5310 MHz
26dB bandwidth (MHz)	40.075	39.775
Occupied bandwidth (MHz)	36.250	36.250

26 dB Bandwidth

Lowest Channel



Highest Channel

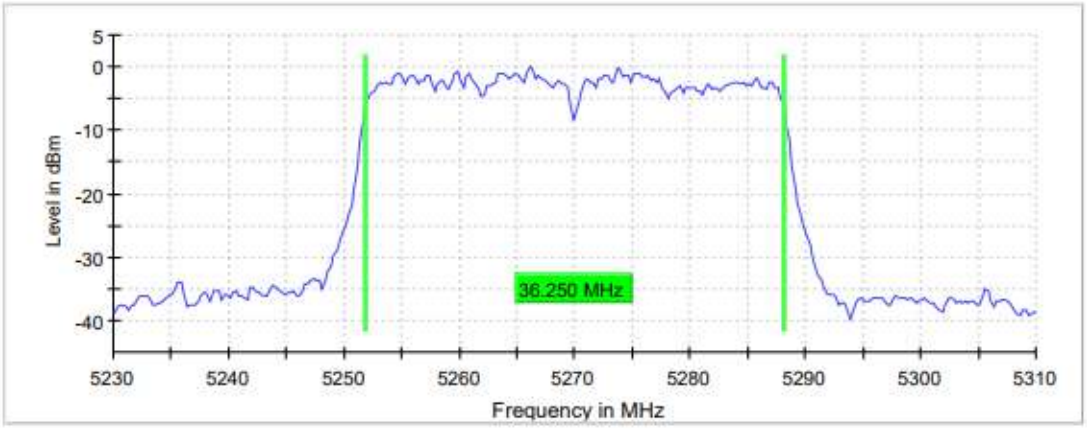
TEST RESULTS (Cont.)	

Measurement

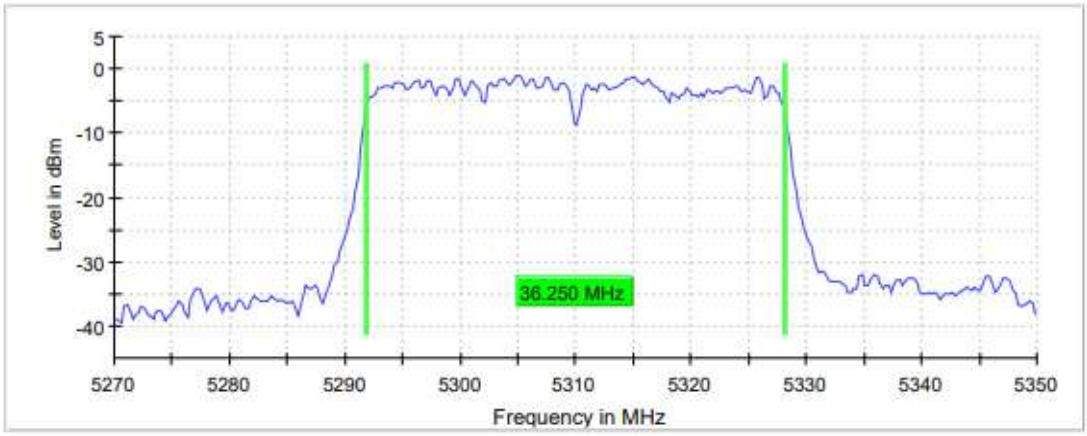
Setting	Instrument Value	Instrument Value
Start Frequency	5.23000 GHz	5.27000 GHz
Stop Frequency	5.31000 GHz	5.35000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 kHz	300.000 kHz
VBW	1.000 MHz	1.000 MHz
Sweep Points	533	533
Sweep time	31.621 µs	31.621 µs
Reference Level	10.000 dBm	0.000 dBm
Attenuation	30.000 dB	20.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	98 / max. 150	104/ max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.13 dB	0.04 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.23000 GHz	5.27000 GHz
Stop Frequency	5.31000 GHz	5.35000 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	500.000 kHz
VBW	2.000 MHz	2.000 MHz
Sweep Points	320	320
Sweep time	18.906 µs	18.906 µs
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	Off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	60 / max. 150	74 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.07 dB	0.18 dB

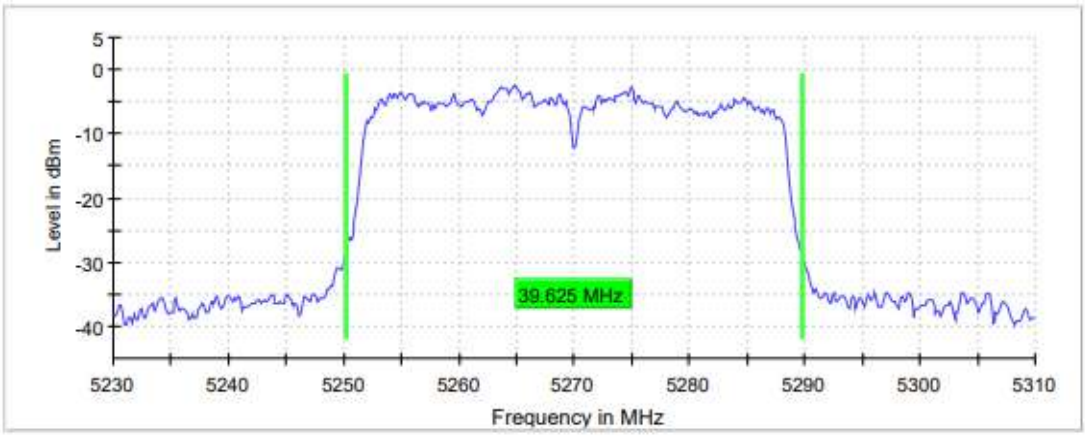
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n Mode SISO Radio **B**)
TEST RESULTS:	PASS

Bandwidth: 40 MHz

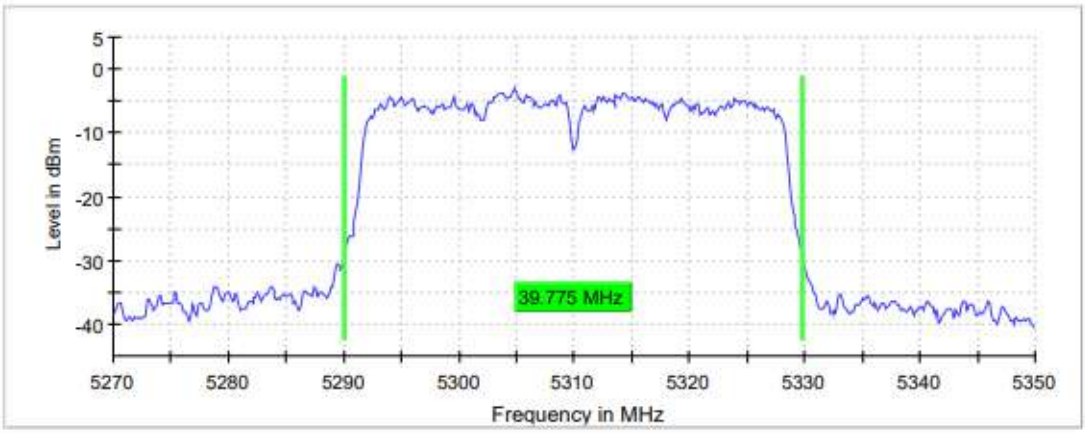
	Lowest frequency 5270 MHz	Highest frequency 5310 MHz
26dB bandwidth (MHz)	39.625	39.775
Occupied bandwidth (MHz)	36.250	36.250

26 dB Bandwidth

Lowest Channel



Highest Channel



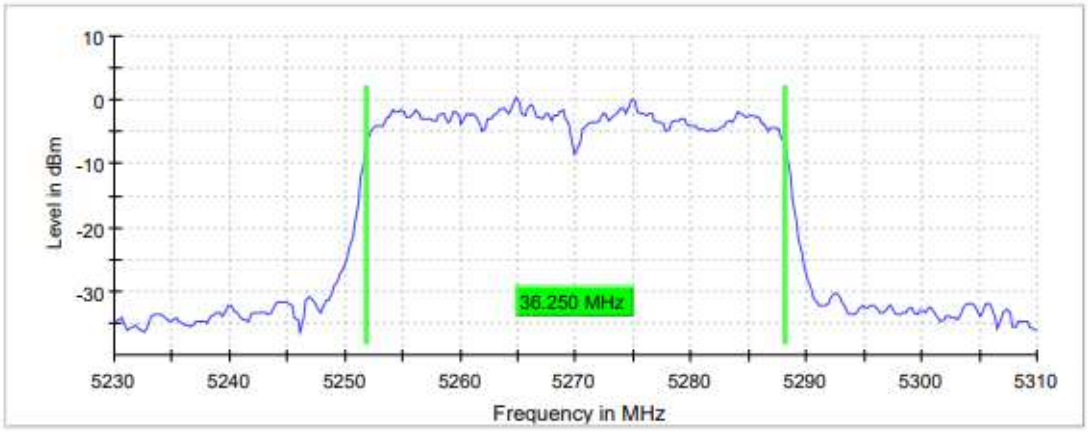
TEST RESULTS (Cont.)	

Measurement

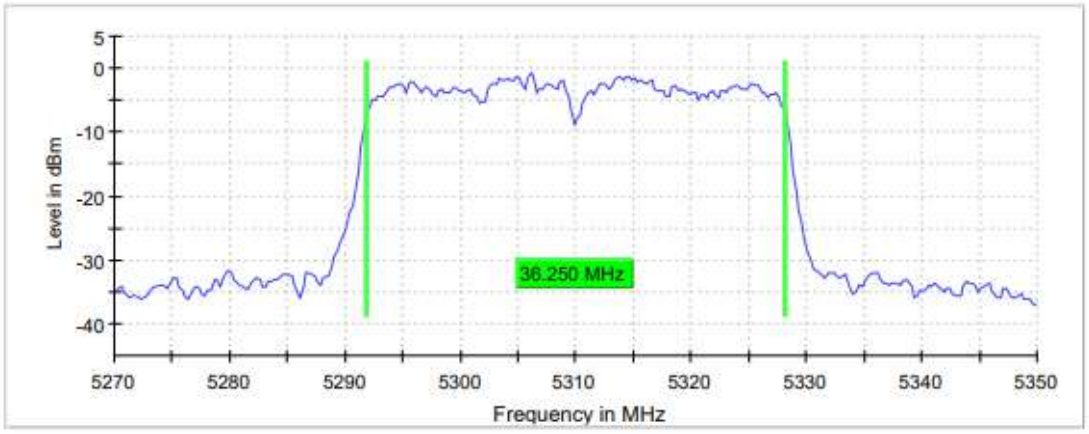
Setting	Instrument Value	Instrument Value
Start Frequency	5.23000 GHz	5.27000 GHz
Stop Frequency	5.31000 GHz	5.35000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 kHz	300.000 kHz
VBW	1.000 MHz	1.000 MHz
Sweep Points	533	533
Sweep time	31.621 µs	31.621 µs
Reference Level	10.000 dBm	0.000 dBm
Attenuation	30.000 dB	20.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	93 / max. 150	81/ max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.27 dB	0.00 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.23000 GHz	5.27000 GHz
Stop Frequency	5.31000 GHz	5.35000 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	500.000 kHz
VBW	2.000 MHz	2.000 MHz
Sweep Points	320	320
Sweep time	18.906 µs	18.906 µs
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	Off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	105 / max. 150	98 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB

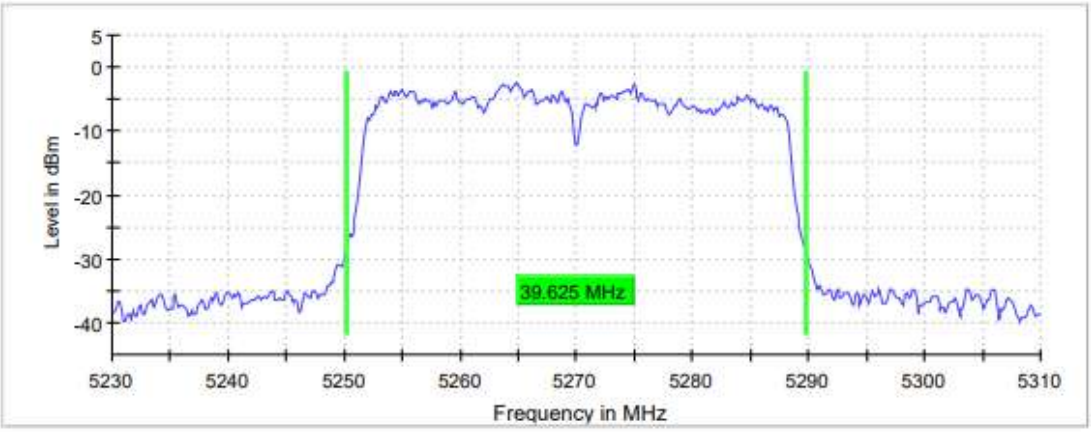
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n Mode MIMO Radio A+B)
TEST RESULTS:	PASS

Bandwidth: 40 MHz

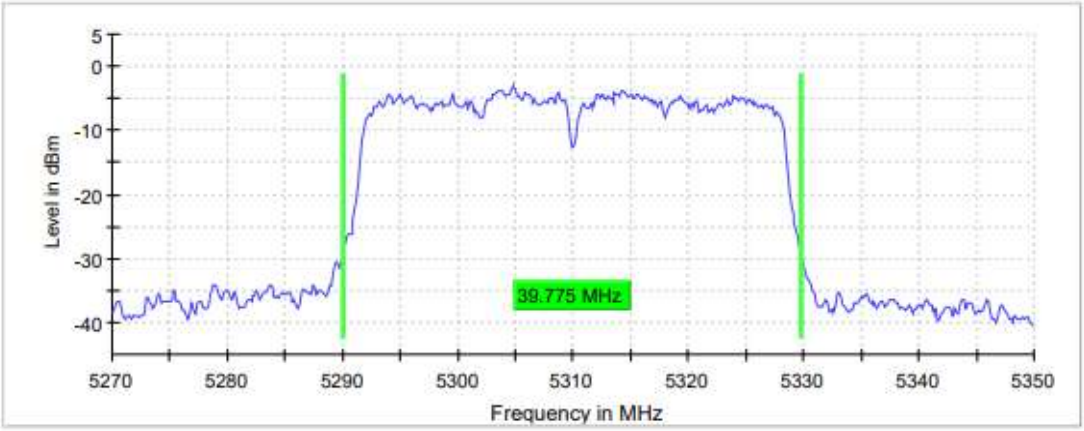
	Lowest frequency 5270 MHz	Highest frequency 5310 MHz
26dB bandwidth (MHz)	39.625	39.775
Occupied bandwidth (MHz)	36.250	36.250

26 dB Bandwidth

Lowest Channel



Highest Channel



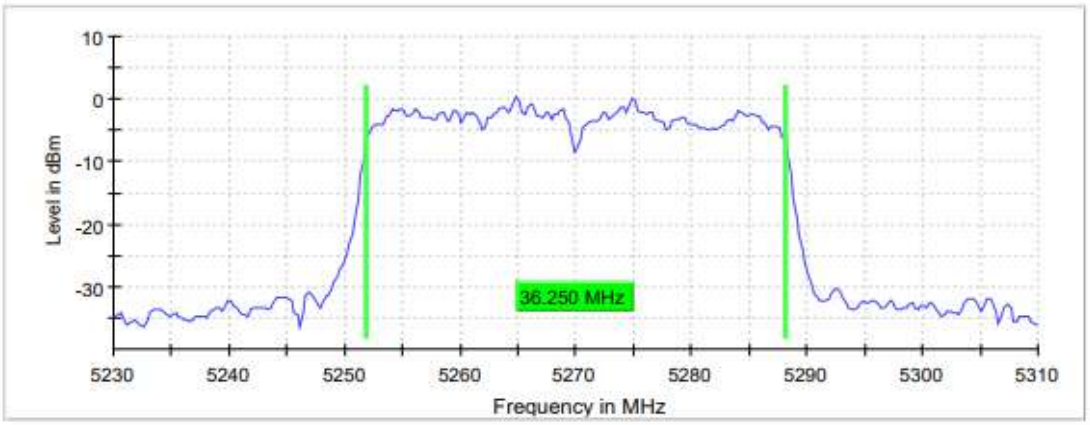
TEST RESULTS (Cont.)	

Measurement

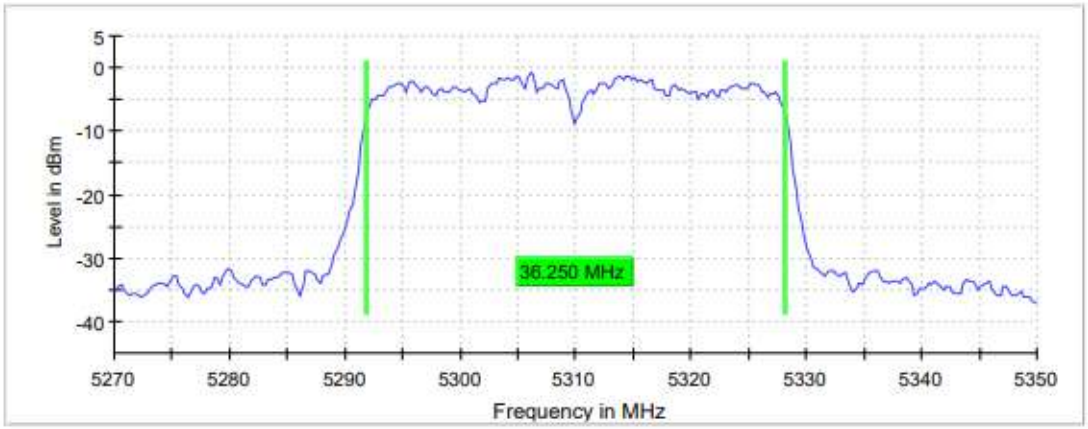
Setting	Instrument Value	Instrument Value
Start Frequency	5.23000 GHz	5.19000 GHz
Stop Frequency	5.31000 GHz	5.27000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 kHz	300.000 kHz
VBW	1.000 MHz	1.000 MHz
Sweep Points	533	533
Sweep time	31.621 µs	31.621 µs
Reference Level	10.000 dBm	0.000 dBm
Attenuation	30.000 dB	20.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	106 / max. 150	109/ max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.23000 GHz	5.27000 GHz
Stop Frequency	5.31000 GHz	5.35000 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	500.000 kHz
VBW	2.000 MHz	2.000 MHz
Sweep Points	320	320
Sweep time	18.906 µs	18.906 µs
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	75 / max. 150	92 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.13 dB	0.05 dB

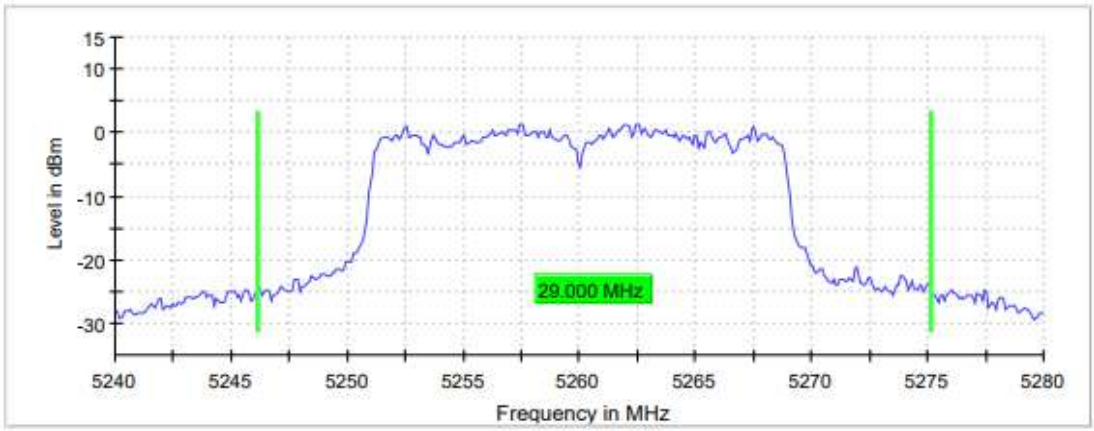
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac Mode SISO Radio A)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

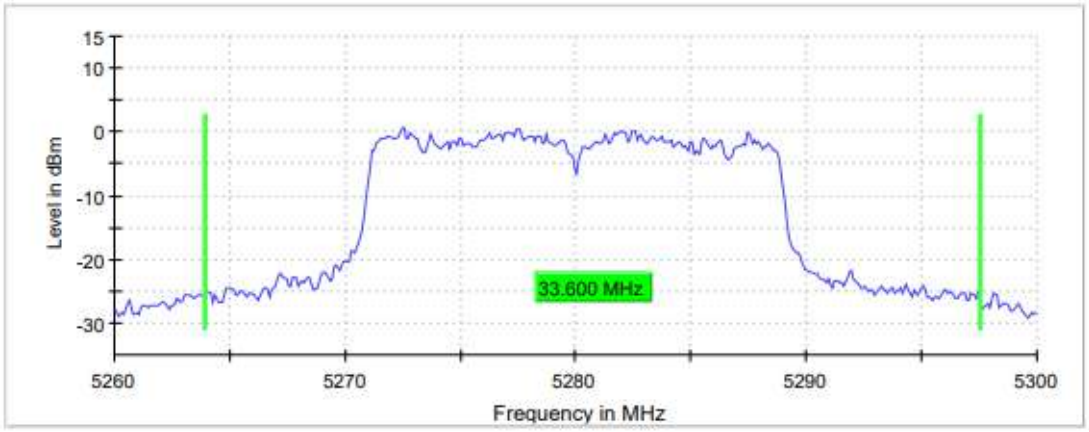
	Lowest frequency 5260 MHz	Middle frequency 5280 MHz	Highest frequency 5320 MHz
26dB bandwidth (MHz)	29.000	33.600	34.900
Occupied bandwidth (MHz)	17.900	17.900	18.000

26 dB Bandwidth:

Lowest Channel

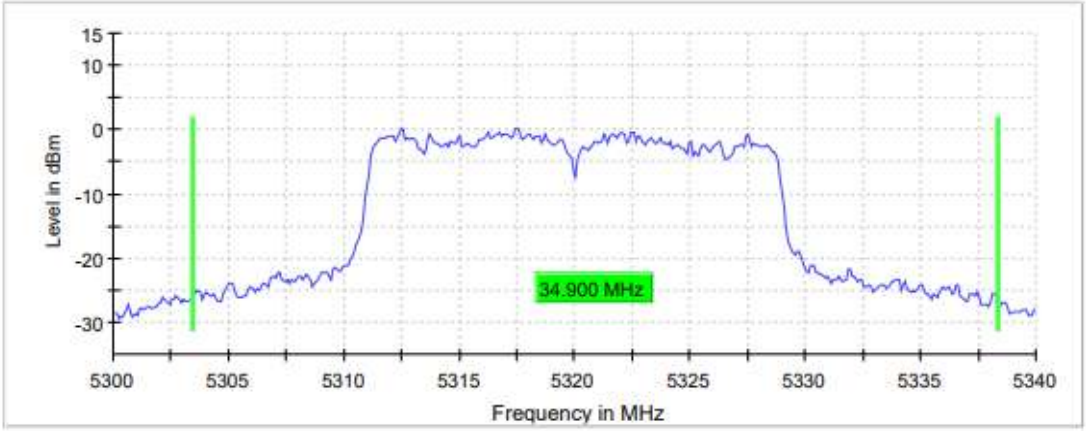


Middle Channel



TEST RESULTS (Cont.)	

Highest Channel

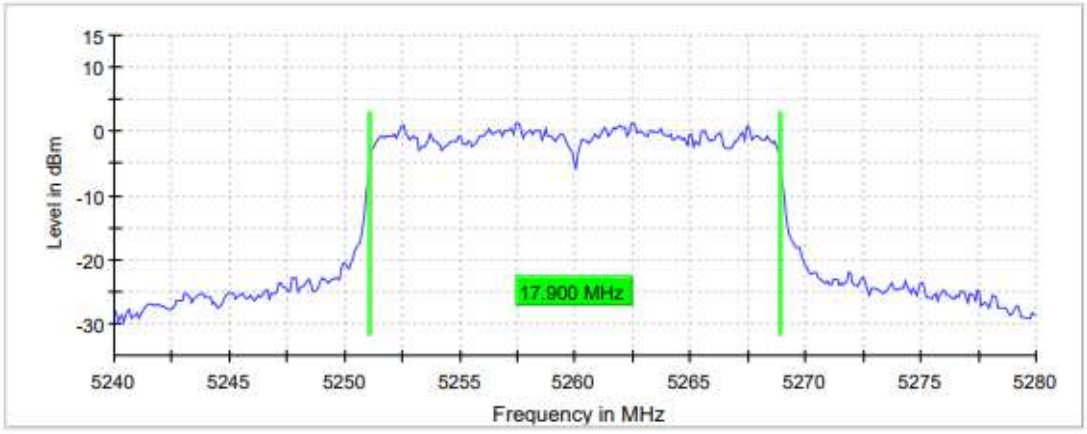


Measurement

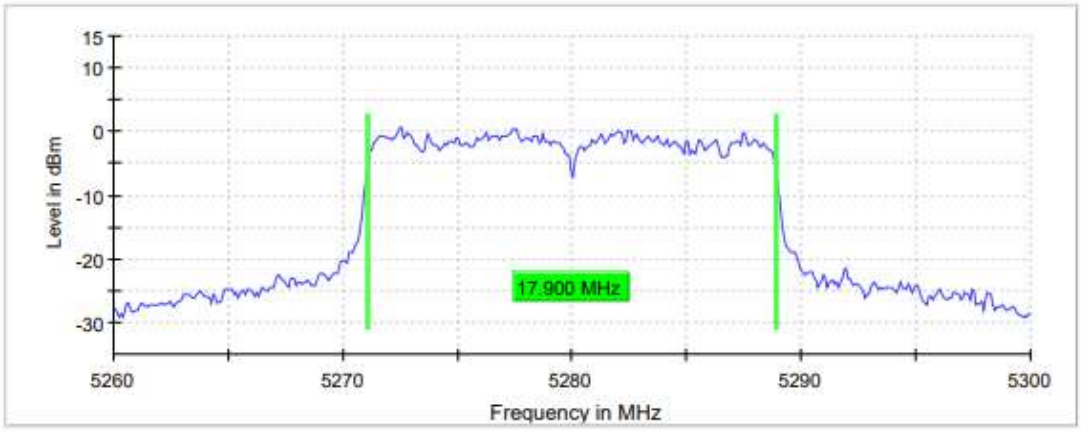
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	0.000 dBm	0.000 dBm
Attenuation	30.000 dB	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	70 / max. 150	101 / max. 150	66 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.16 dB	0.00 dB	0.00 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

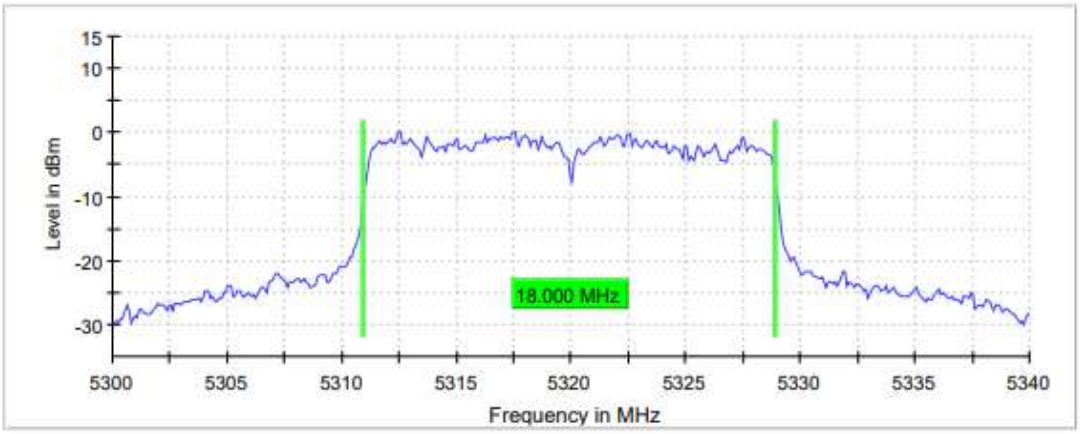
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	FFT	FFT	FFT
Preamp	off	Off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	99 / max. 150	67 / max. 150	79 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB	0.00 dB

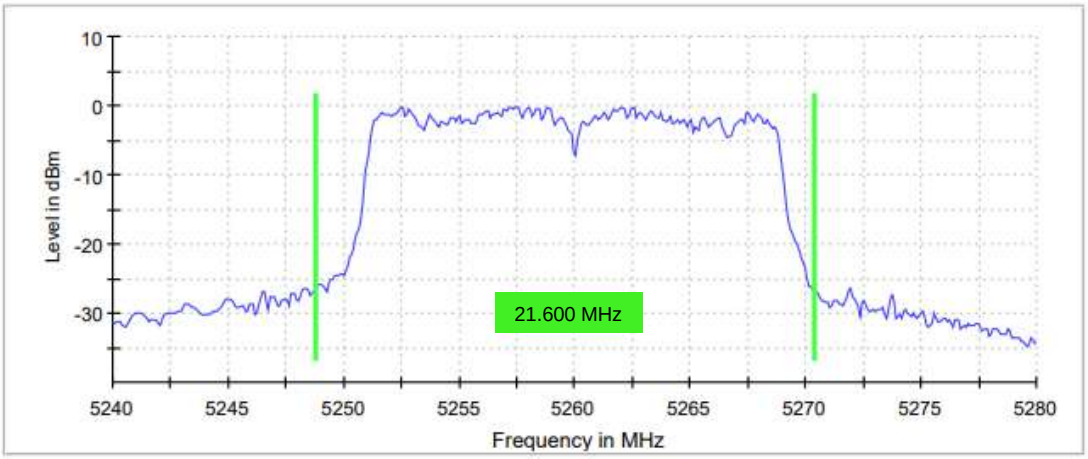
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac Mode SISO Radio B)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

	Lowest frequency 5260 MHz	Middle frequency 5280 MHz	Highest frequency 5320 MHz
26dB Bandwidth (MHz)	21.600	22.400	21.500
Occupied bandwidth (MHz)	17.750	17.750	17.800

26 dB Bandwidth:

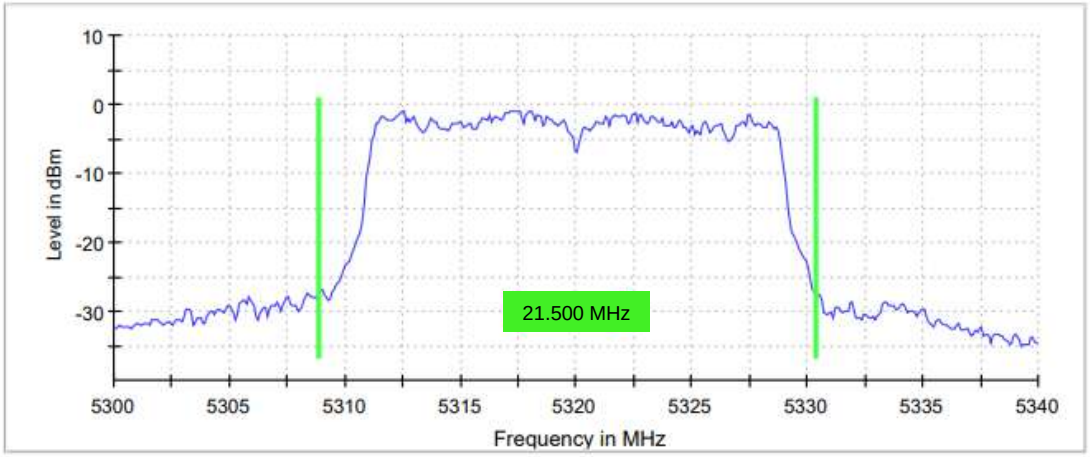
Lowest Channel



Middle Channel

TEST RESULTS (Cont.)	

Highest Channel

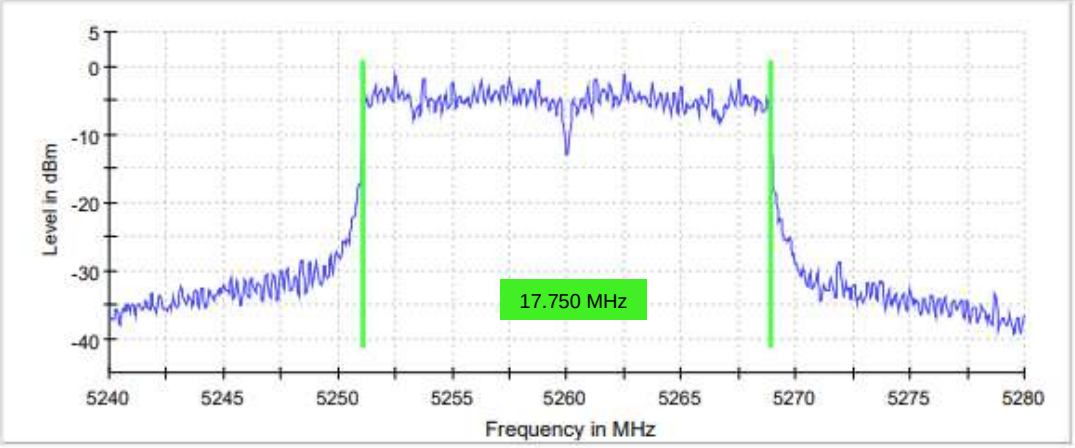


Measurement

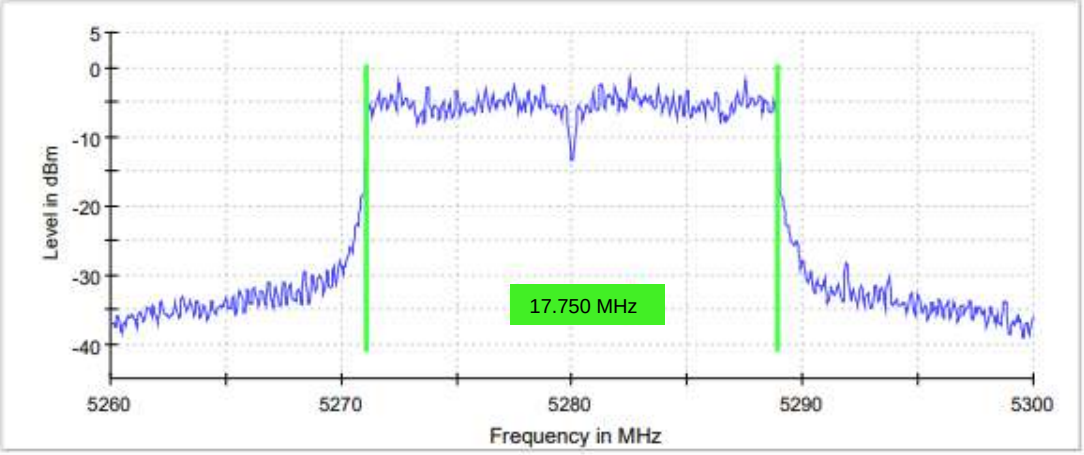
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	FFT	FFT	FFT
Preamp	off	Off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	99 / max. 150	67 / max. 150	79 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB	0.00 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Middle Channel



Highest Channel

TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 KHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
SweepPoints	400	400	400
Sweeptime	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	MaxPeak	MaxPeak	MaxPeak
SweepCount	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	FFT	FFT	FFT
Preamp	off	off	Off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	49 / max. 150	61 / max. 150	43 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.29 dB	0.00 dB	0.12 dB

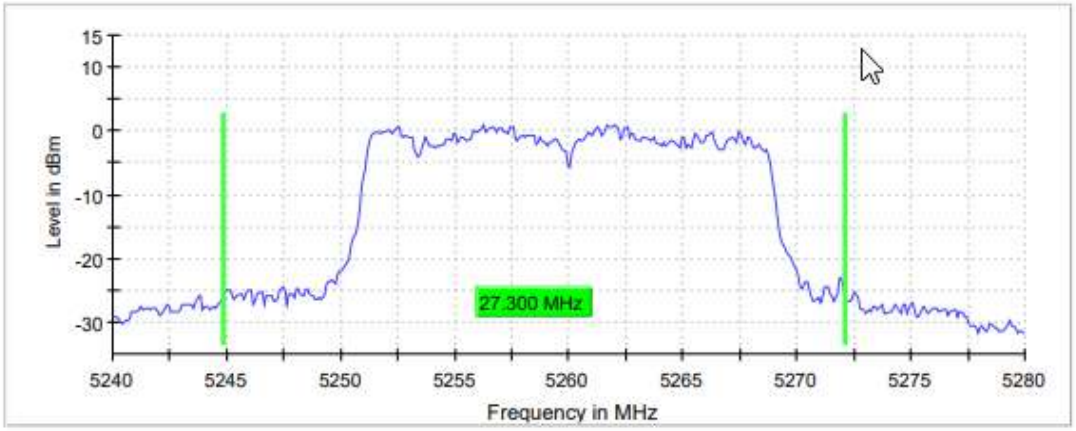
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac Mode MIMO Radio A+B)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

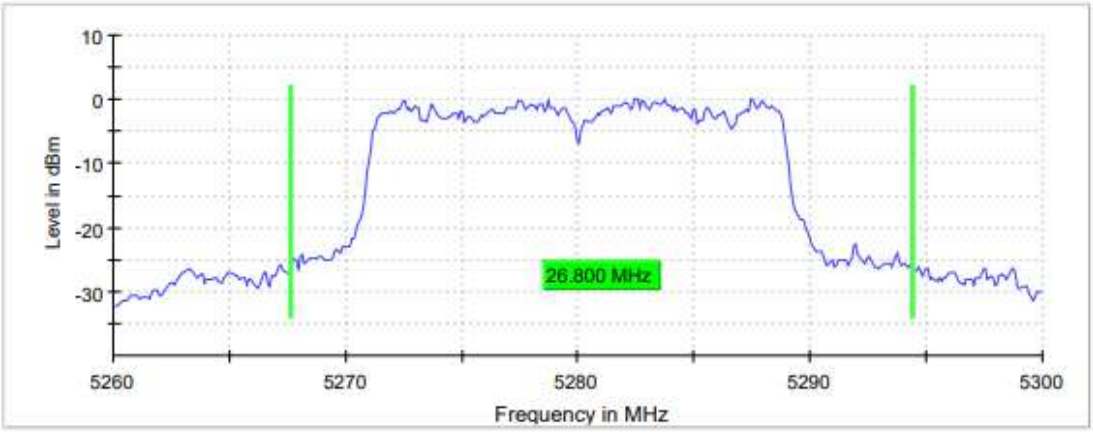
	Lowest frequency 5260 MHz	Middle frequency 5280 MHz	Highest frequency 5320 MHz
26dB Bandwidth (MHz)	27.300	26.800	31.900
Occupied bandwidth (MHz)	17.800	17.800	17.900

26 dB Bandwidth:

Lowest Channel

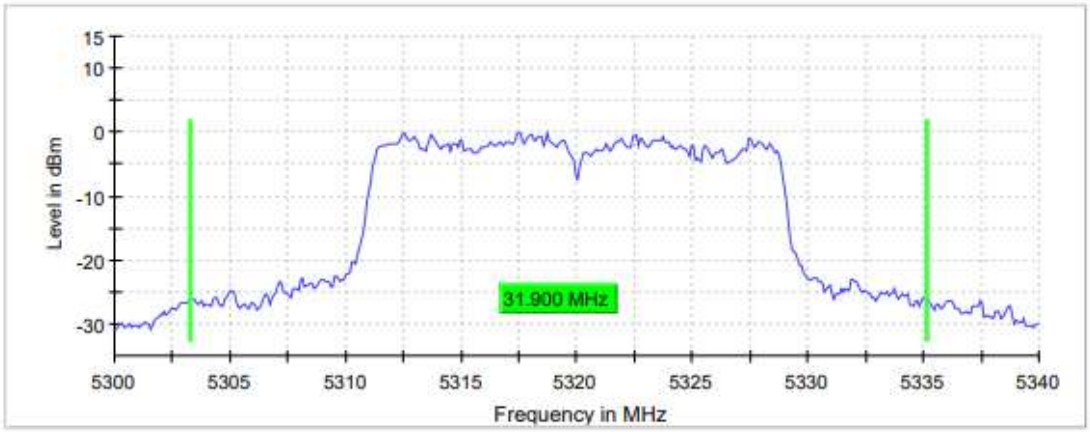


Middle Channel



TEST RESULTS (Cont.)	

Highest Channel

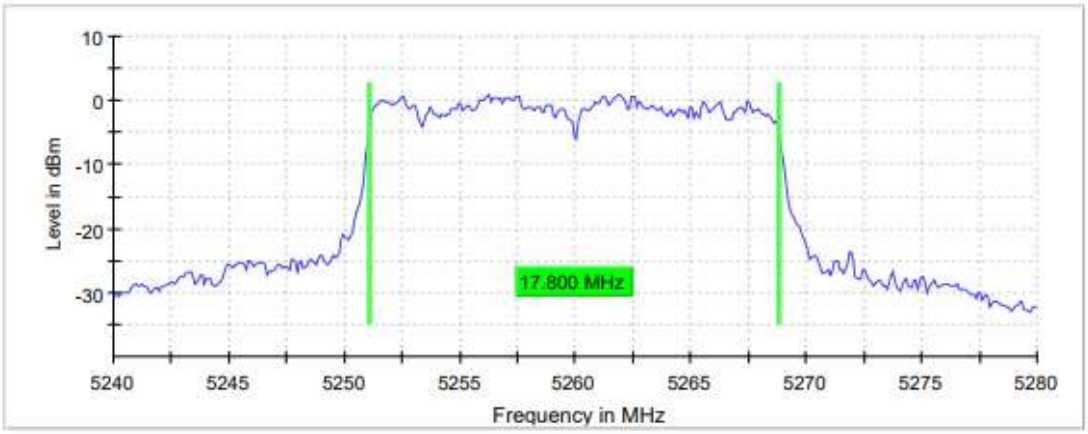


Measurement

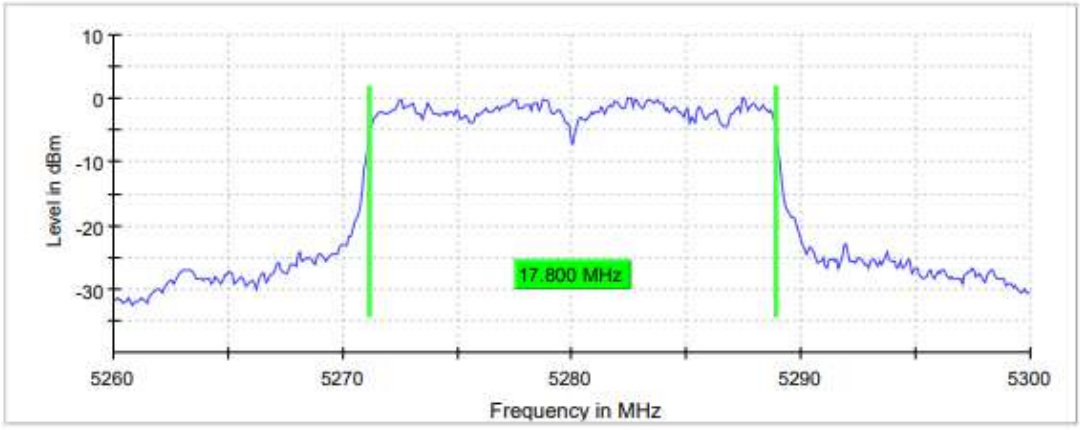
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	51 / max. 150	45 / max. 150	48 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.23 dB	0.19 dB	0.12 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

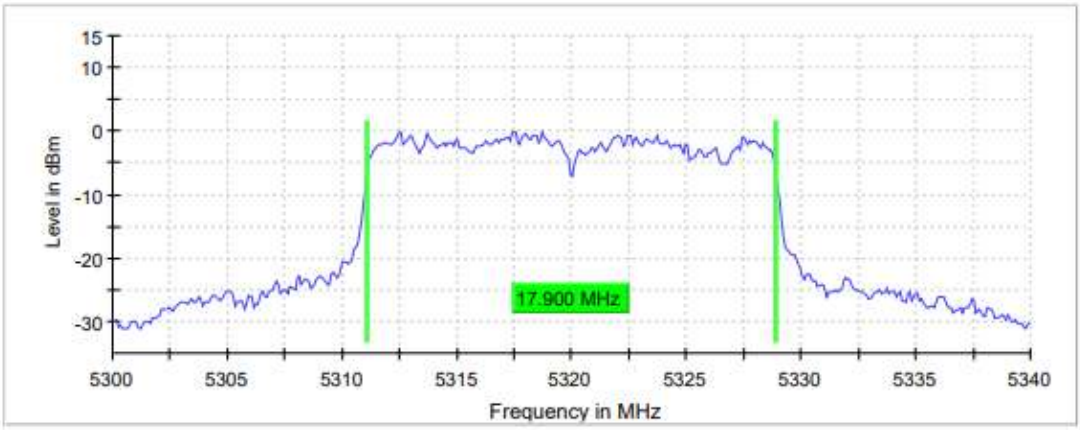
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	40 / max. 150	66 / max. 150	43 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.23 dB	0.18 dB

TESTED SAMPLES:	S/01

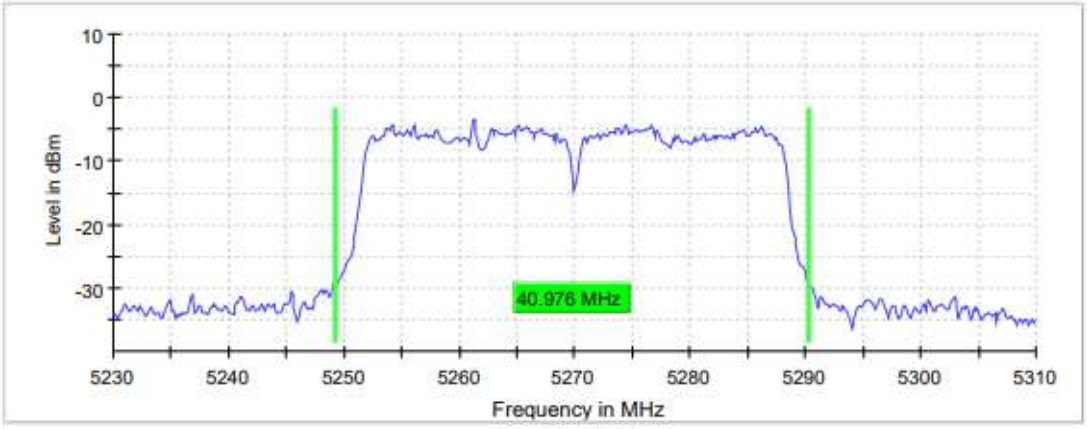
TESTED CONDITIONS MODES:	TC#03 (ac Mode SISO Radio A)
TEST RESULTS:	PASS

Bandwidth: 40 MHz

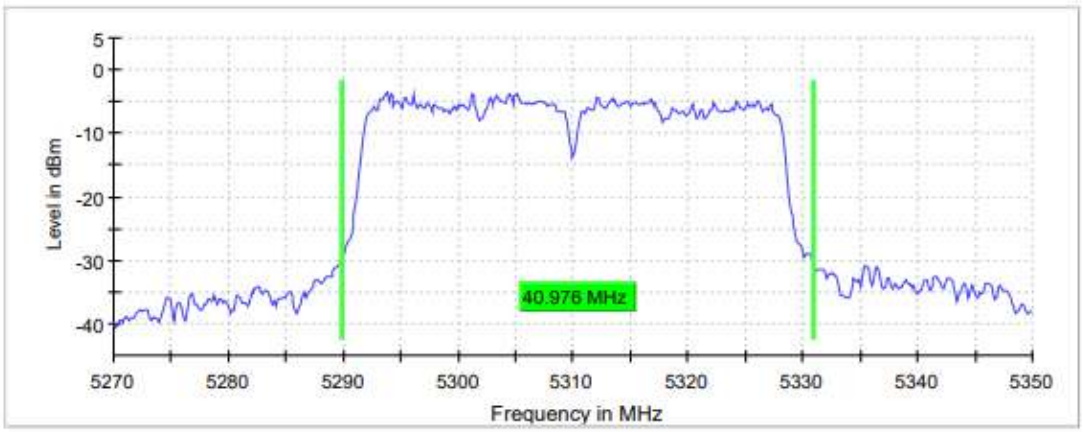
	Lowest frequency 5270 MHz	Highest frequency 5310 MHz
26dB bandwidth (MHz)	40.976	40.976
Occupied bandwidth (MHz)	36.250	36.250

26 dB Bandwidth

Lowest Channel



Highest Channel

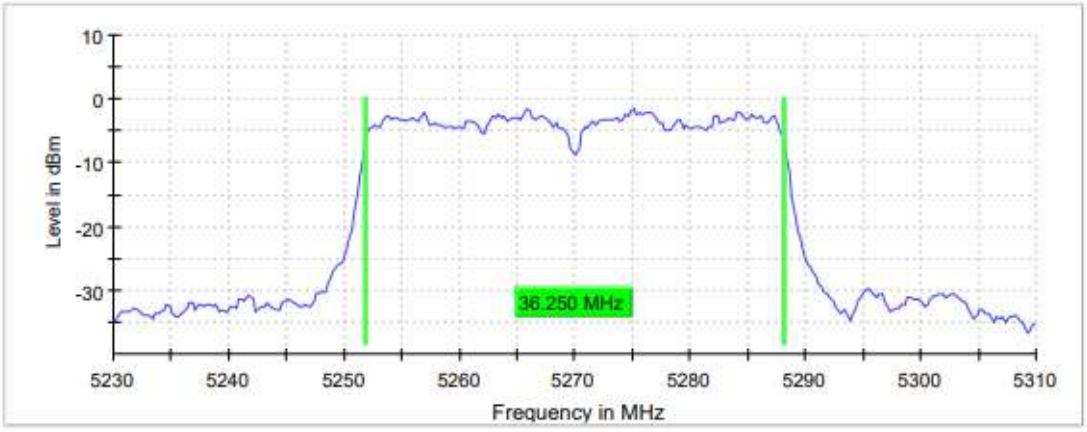


TEST RESULTS (Cont.)	
Measurement	

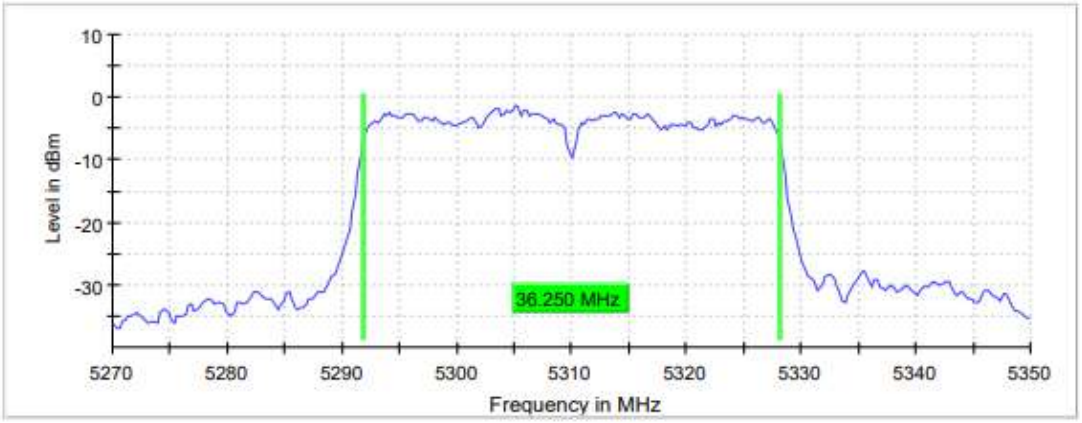
Setting	Instrument Value	Instrument Value
Start Frequency	5.23000 GHz	5.27000 GHz
Stop Frequency	5.31000 GHz	5.35000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 kHz	300.000 kHz
VBW	1.000 MHz	1.000 MHz
Sweep Points	533	533
Sweep time	31.621 µs	31.621 µs
Reference Level	10.000 dBm	0.000 dBm
Attenuation	30.000 dB	20.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	103 / max. 150	113 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.13 dB	0.00dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.23000 GHz	5.27000 GHz
Stop Frequency	5.31000 GHz	5.35000 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	500.000 kHz
VBW	2.000 MHz	2.000 MHz
Sweep Points	320	320
Sweep time	18.906 µs	18.906 µs
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	Off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	65 / max. 150	71 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00 dB

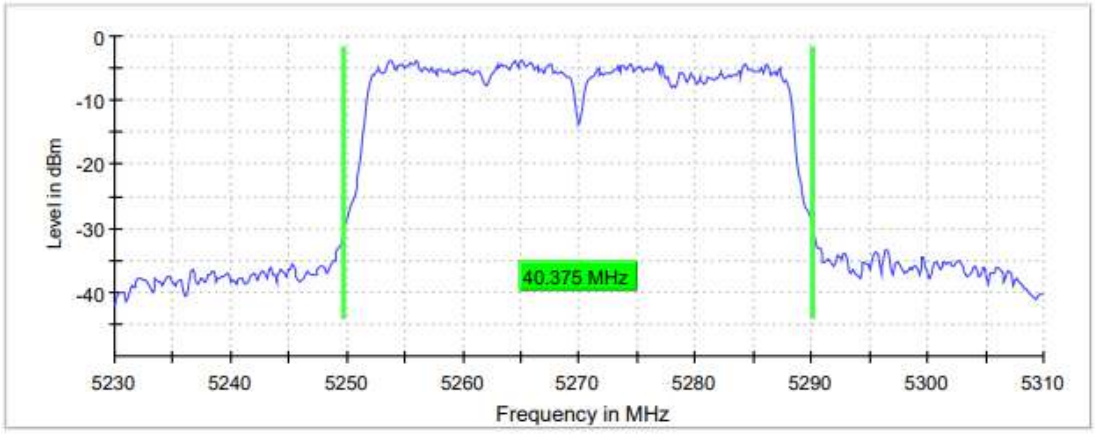
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac Mode SISO Radio B)
TEST RESULTS:	PASS

Bandwidth: 40 MHz

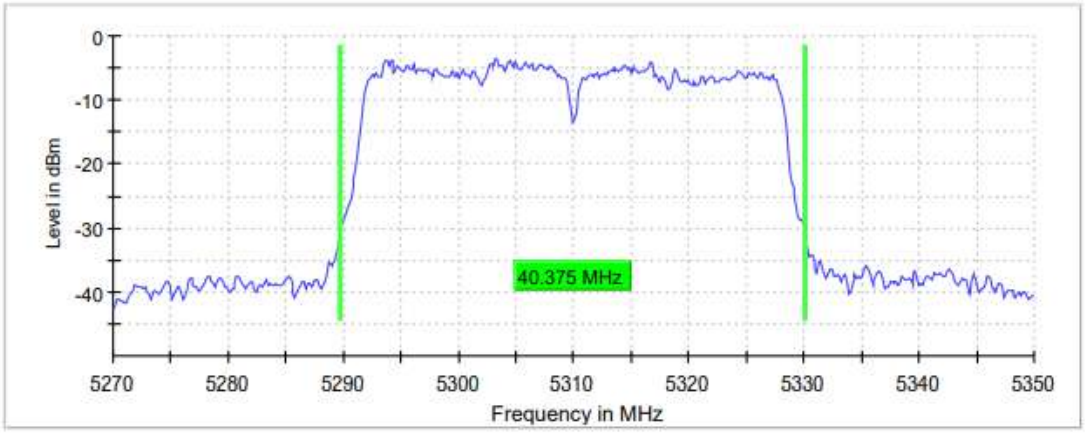
	Lowest frequency 5270 MHz	Highest frequency 5310 MHz
26dB bandwidth (MHz)	40.375	40.375
Occupied bandwidth (MHz)	36.500	36.250

26 dB Bandwidth

Lowest Channel



Highest Channel



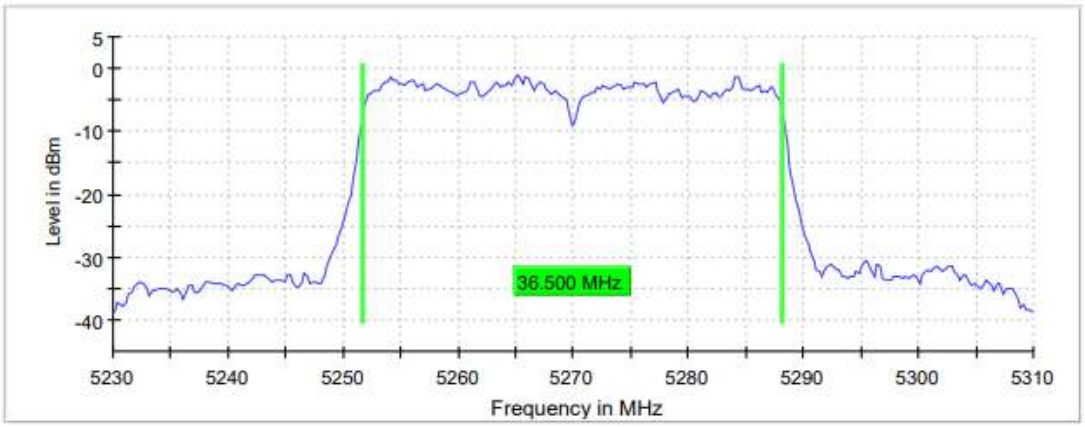
TEST RESULTS (Cont.)	

Measurement

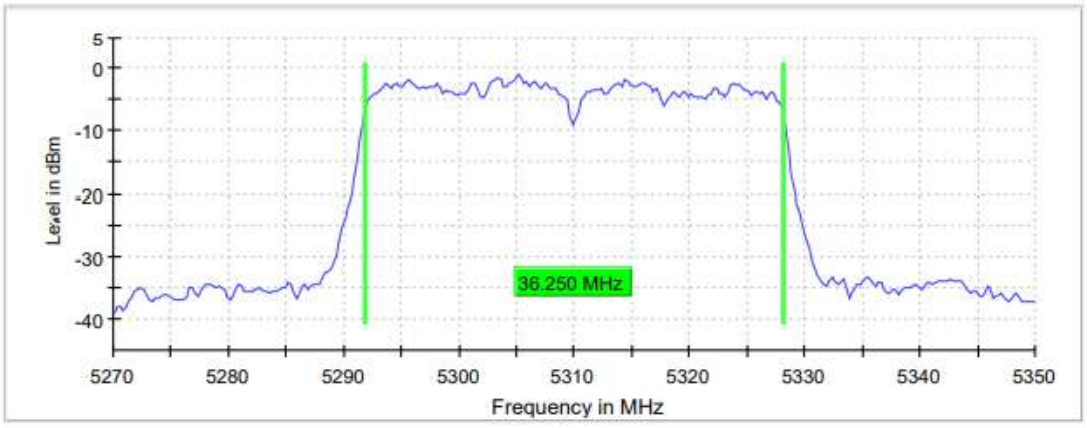
Setting	Instrument Value	Instrument Value
Start Frequency	5.23000 GHz	5.27000 GHz
Stop Frequency	5.31000 GHz	5.35000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 kHz	300.000 kHz
VBW	1.000 MHz	1.000 MHz
Sweep Points	533	533
Sweep time	31.621 µs	31.621 µs
Reference Level	10.000 dBm	0.000 dBm
Attenuation	30.000 dB	20.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	86 / max. 150	95 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.19 dB	0.00 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.23000 GHz	5.27000 GHz
Stop Frequency	5.31000 GHz	5.35000 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	500.000 kHz
VBW	2.000 MHz	2.000 MHz
Sweep Points	320	320
Sweep time	18.906 µs	18.906 µs
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	Off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	63 / max. 150	43 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.07 dB	0.00 dB

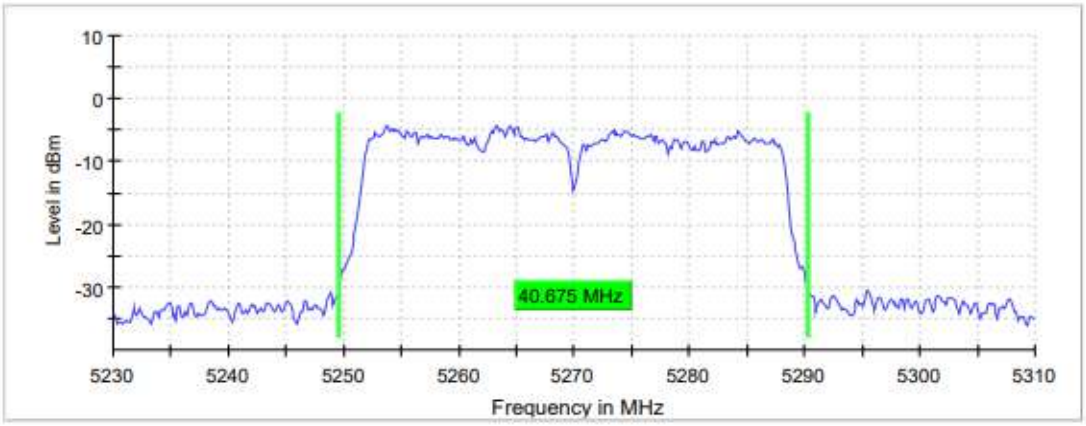
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac Mode MIMO Radio A+B)
TEST RESULTS:	PASS

Bandwidth: 40 MHz

	Lowest frequency 5270 MHz	Highest frequency 5310 MHz
26dB bandwidth (MHz)	40.675	40.225
Occupied bandwidth (MHz)	36.750	36.250

26 dB Bandwidth

Lowest Channel



Highest Channel

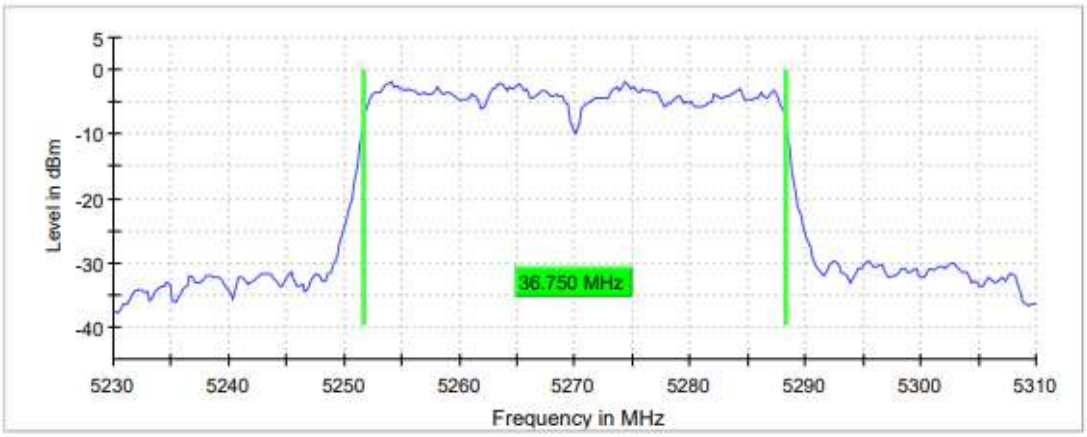
TEST RESULTS (Cont.)	

Measurement

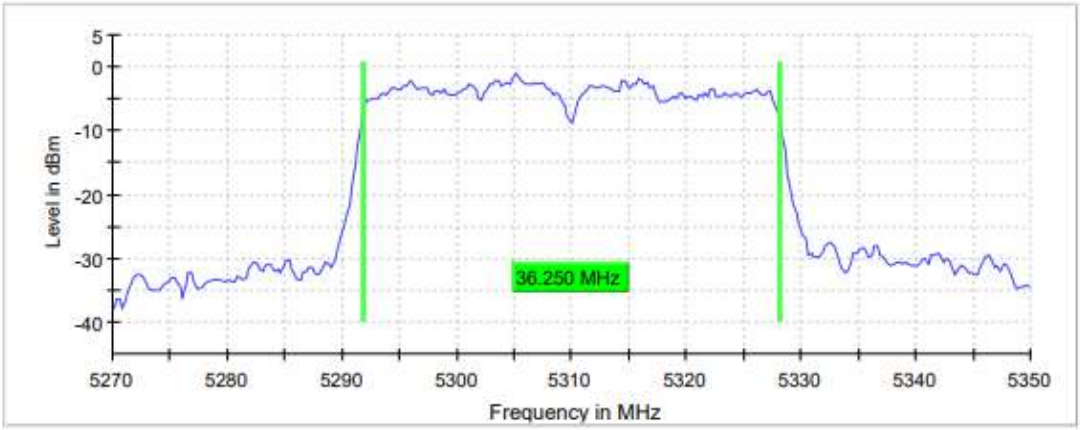
Setting	Instrument Value	Instrument Value
Start Frequency	5.23000 GHz	5.27000 GHz
Stop Frequency	5.31000 GHz	5.35000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 kHz	300.000 kHz
VBW	1.000 MHz	1.000 MHz
Sweep Points	533	533
Sweep time	31.621 µs	31.621 µs
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	103 / max. 150	54 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	018 dB	0.23 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)	

Measurement

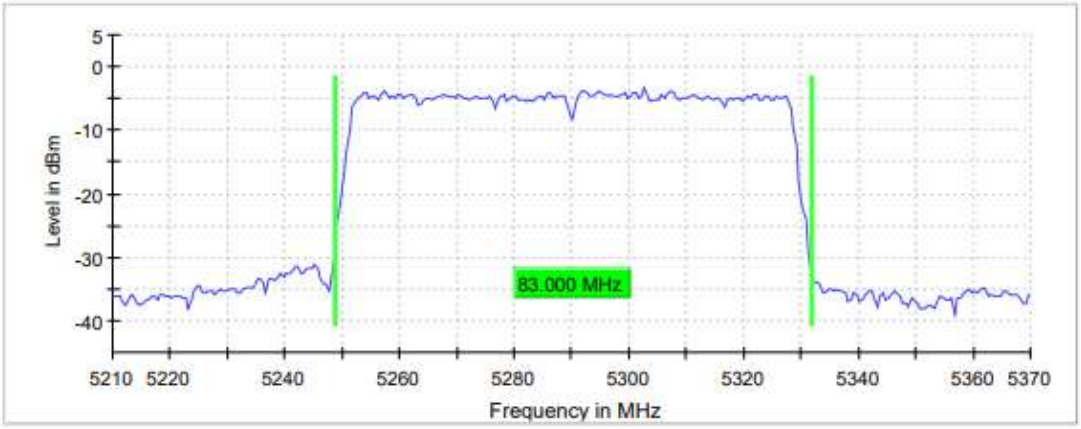
Setting	Instrument Value	Instrument Value
Start Frequency	5.23000 GHz	5.27000 GHz
Stop Frequency	5.31000 GHz	5.35000 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	500.000 kHz
VBW	2.000 MHz	2.000 MHz
Sweep Points	320	320
Sweep time	18.906 µs	18.906 µs
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	Off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	87 / max. 150	55 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.08 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac Mode SISO Radio A)
TEST RESULTS:	PASS

Bandwidth: 80 MHz

	Lowest frequency 5290 MHz
26dB bandwidth (MHz)	83.000
Occupied bandwidth (MHz)	76.500

26 dB Bandwidth
Lowest Channel



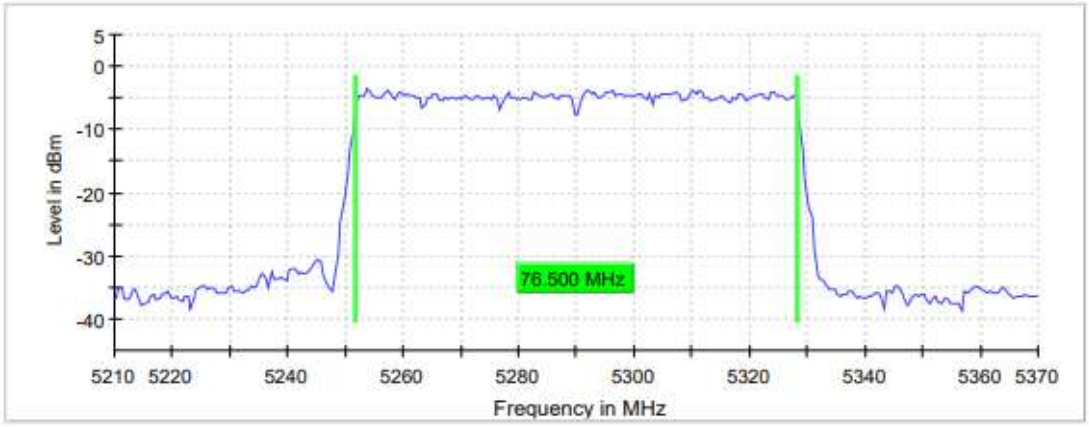
TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value
Start Frequency	5.21000 GHz
Stop Frequency	5.37000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
Sweep Points	320
Sweep time	22.875 µs
Reference Level	10.000 dBm
Attenuation	30.000 dB
Detector	Max Peak
Sweep Count	200
Filter	3 dB
Trace Mode	Max Hold
Sweep type	FFT
Preamp	off
Stable mode	Trace
Stable value	0.30 dB
Run	65 / max. 150
Stable	5 / 5
Max Stable Difference	0.00 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Measurement

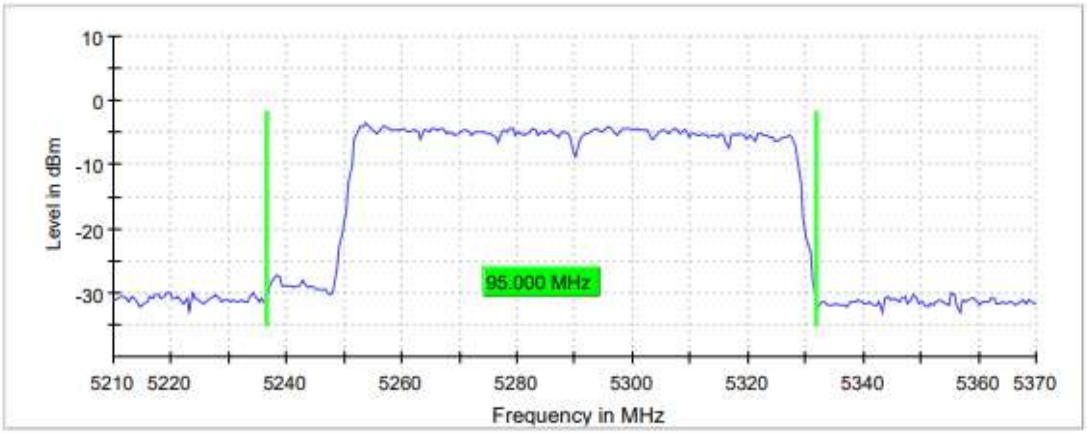
Setting	Instrument Value
Start Frequency	5.21000 GHz
Stop Frequency	5.37000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
Sweep Points	320
Sweep time	22.875 µs
Reference Level	0.000 dBm
Attenuation	20.000 dB
Detector	Max Peak
Sweep Count	200
Filter	3 dB
Trace Mode	Max Hold
Sweep type	FFT
Preamp	Off
Stable mode	Trace
Stable value	0.30 dB
Run	49 / max. 150
Stable	5 / 5
Max Stable Difference	0.09 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac Mode SISO Radio B)
TEST RESULTS:	PASS

Bandwidth: 80 MHz

	Lowest frequency 5290 MHz
26dB bandwidth (MHz)	95.000
Occupied bandwidth (MHz)	76.500

26 dB Bandwidth
Lowest Channel



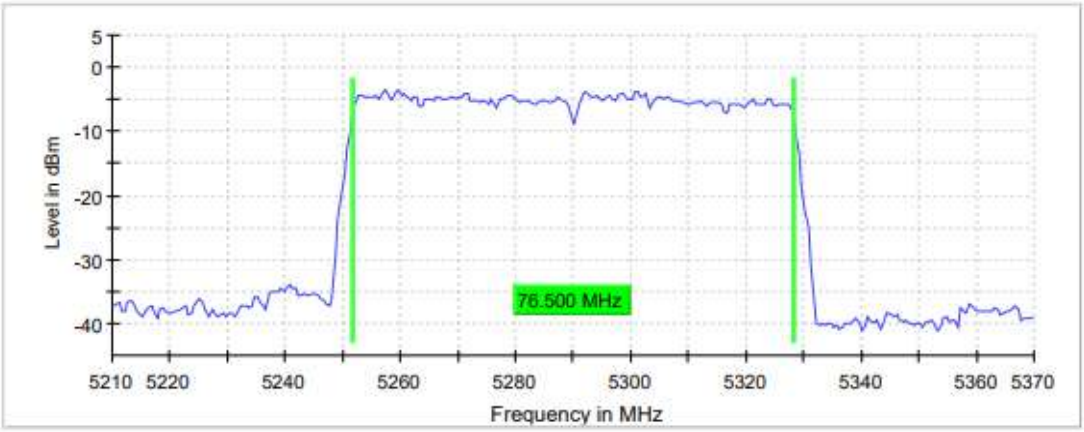
TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value
Start Frequency	5.21000 GHz
Stop Frequency	5.37000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
Sweep Points	320
Sweep time	22.875 µs
Reference Level	10.000 dBm
Attenuation	30.000 dB
Detector	Max Peak
Sweep Count	200
Filter	3 dB
Trace Mode	Max Hold
Sweep type	FFT
Preamp	off
Stable mode	Trace
Stable value	0.30 dB
Run	59 / max. 150
Stable	5 / 5
Max Stable Difference	0.11 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Measurement

Setting	Instrument Value
Start Frequency	5.21000 GHz
Stop Frequency	5.37000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
Sweep Points	320
Sweep time	22.875 µs
Reference Level	0.000 dBm
Attenuation	20.000 dB
Detector	Max Peak
Sweep Count	200
Filter	3 dB
Trace Mode	Max Hold
Sweep type	FFT
Preamp	Off
Stable mode	Trace
Stable value	0.30 dB
Run	65 / max. 150
Stable	5 / 5
Max Stable Difference	0.00 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac Mode MIMO Radio A+B)
TEST RESULTS:	PASS

Bandwidth: 80 MHz

	Lowest frequency 5290 MHz
26dB bandwidth (MHz)	83.000
Occupied bandwidth (MHz)	76.500

26 dB Bandwidth
Lowest Channel

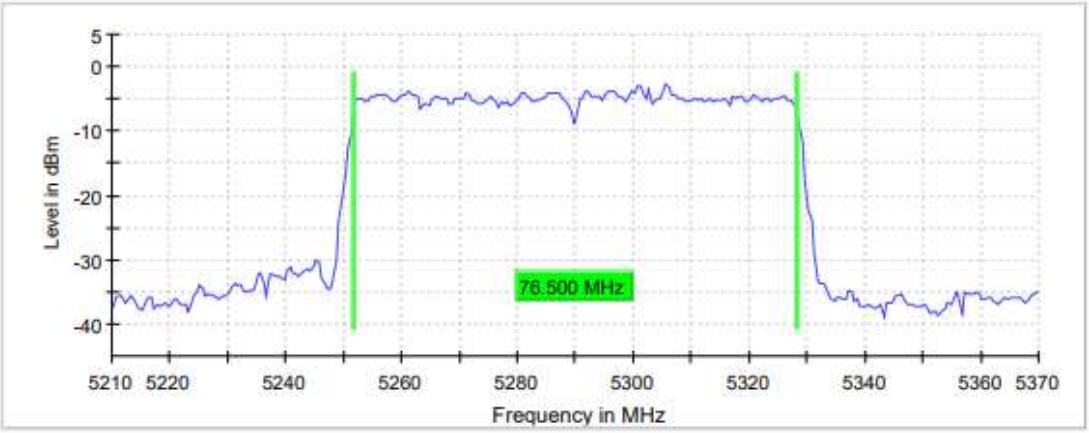
TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value
Start Frequency	5.21000 GHz
Stop Frequency	5.37000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
Sweep Points	320
Sweep time	22.875 µs
Reference Level	10.000 dBm
Attenuation	30.000 dB
Detector	Max Peak
Sweep Count	200
Filter	3 dB
Trace Mode	Max Hold
Sweep type	FFT
Preamp	off
Stable mode	Trace
Stable value	0.30 dB
Run	96/ max. 150
Stable	5 / 5
Max Stable Difference	0.05 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Measurement

Setting	Instrument Value
Start Frequency	5.21000 GHz
Stop Frequency	5.37000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
Sweep Points	320
Sweep time	22.875 µs
Reference Level	0.000 dBm
Attenuation	20.000 dB
Detector	Max Peak
Sweep Count	200
Filter	3 dB
Trace Mode	Max Hold
Sweep type	FFT
Preamp	Off
Stable mode	Trace
Stable value	0.30 dB
Run	77 / max. 150
Stable	5 / 5
Max Stable Difference	0.03 dB

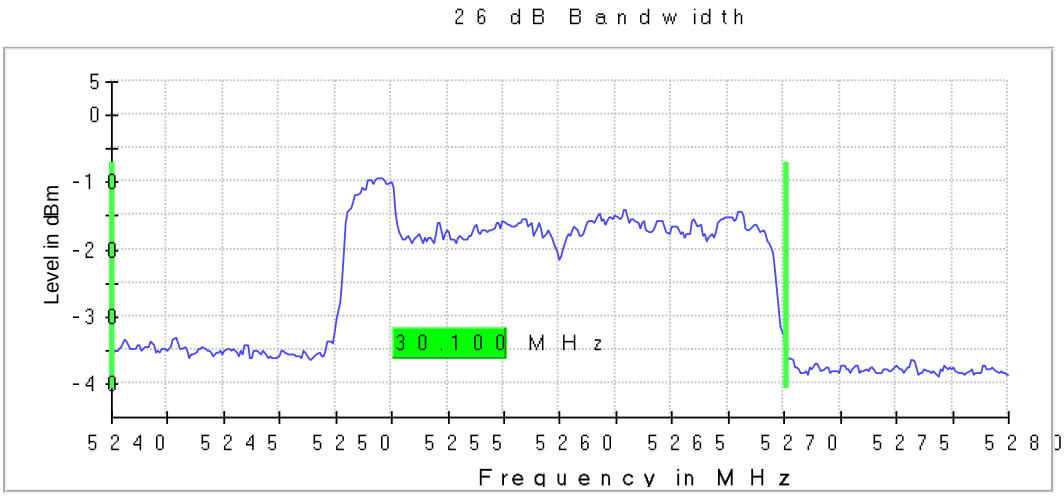
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode SISO Radio A)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

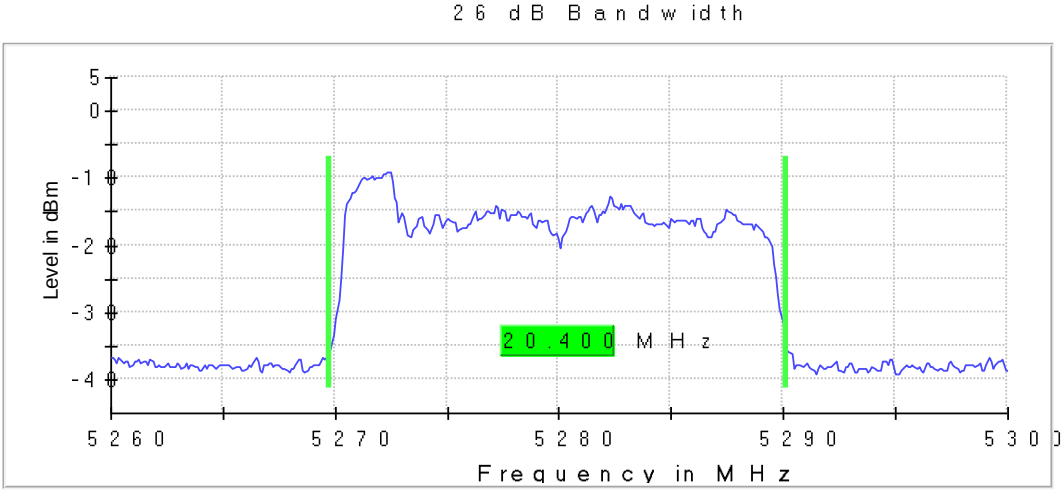
	Lowest frequency 5260 MHz	Middle frequency 5280 MHz	Highest frequency 5320 MHz
26dB bandwidth (MHz)	30.100	20.400	29.300
Occupied bandwidth (MHz)	20.800	19.100	19.100

26 dB Bandwidth:

Lowest Channel

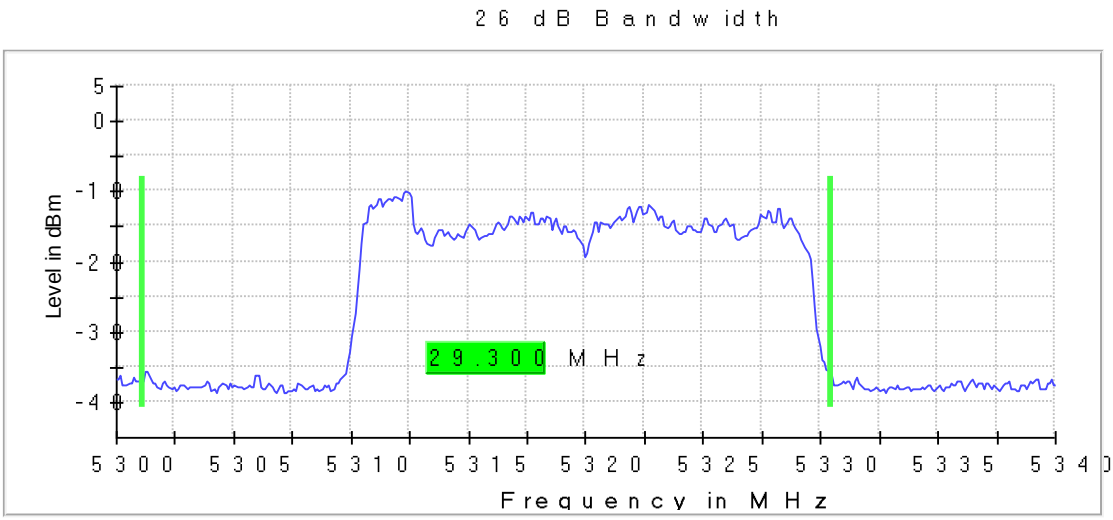


Middle Channel



TEST RESULTS (Cont.)	

Highest Channel

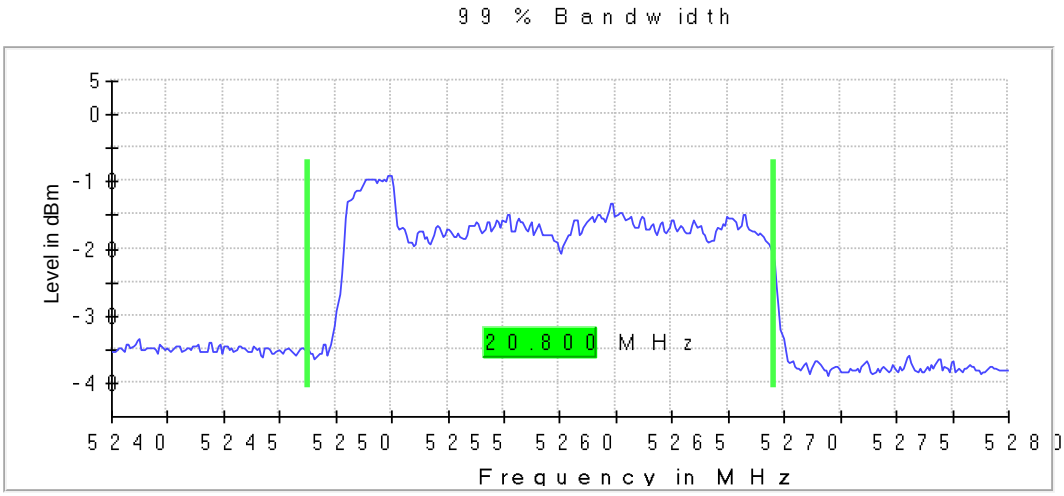


Measurement

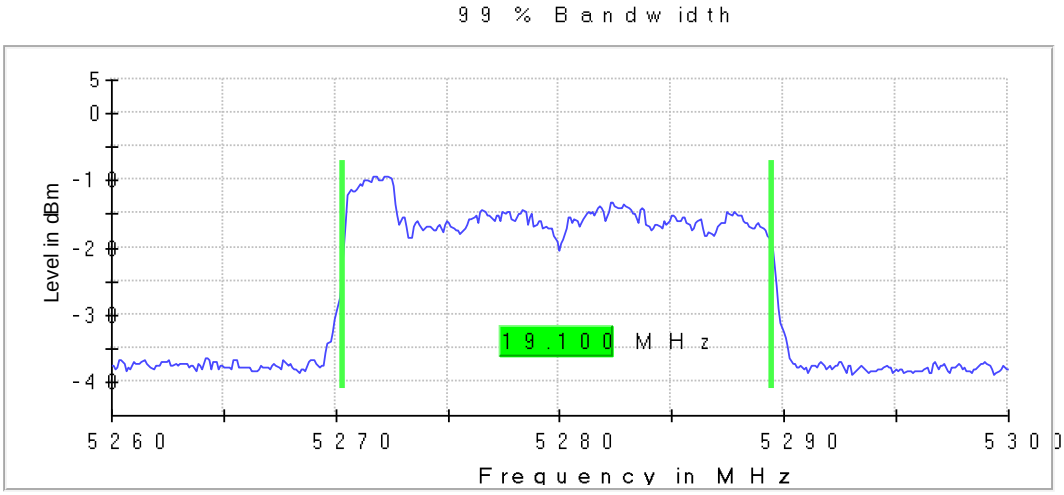
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24 000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	0.000 dBm	0.000 dBm
Attenuation	30.000 dB	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	59 / max. 150	78 / max. 150	120 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.24 dB	0.00 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

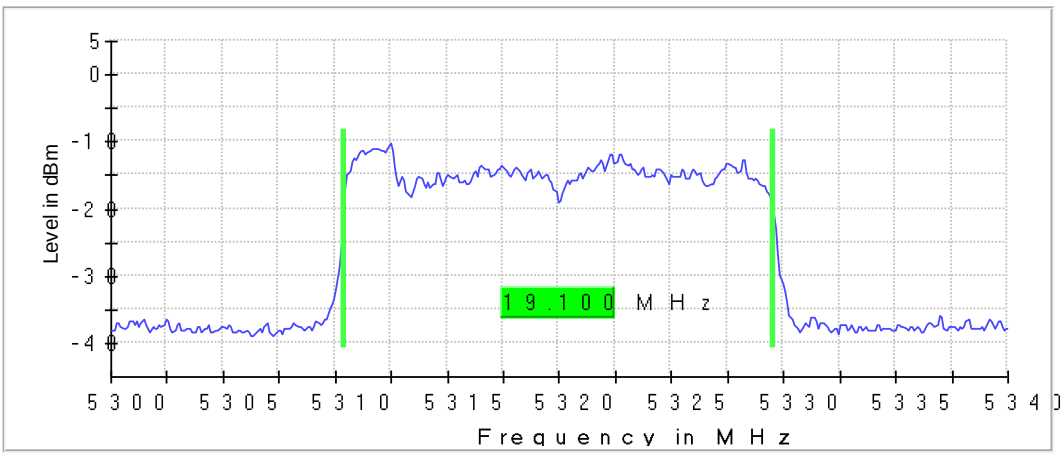
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	0.000 dBm	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	42 / max. 150	76 / max. 150	123/ max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.18 dB	0.04 dB	0.00 dB

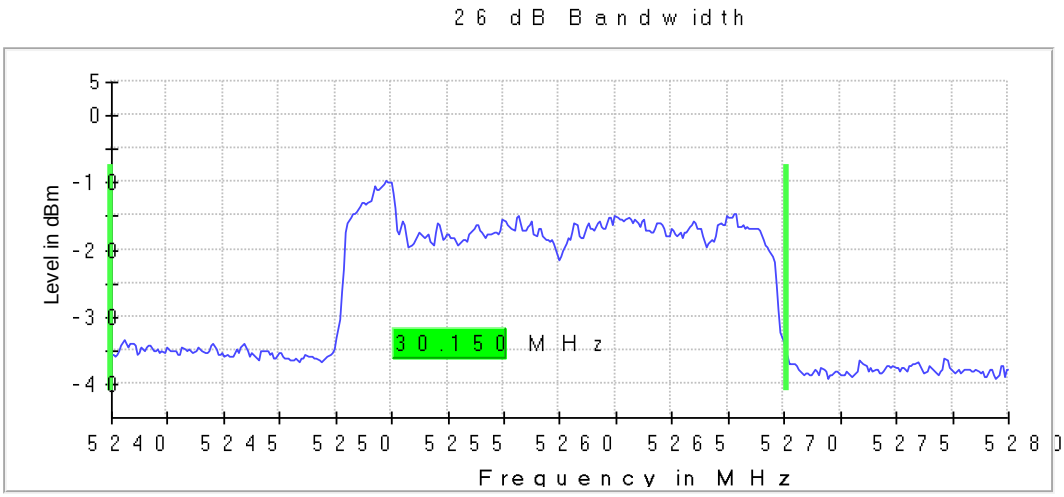
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode MIMO Radio A+B)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

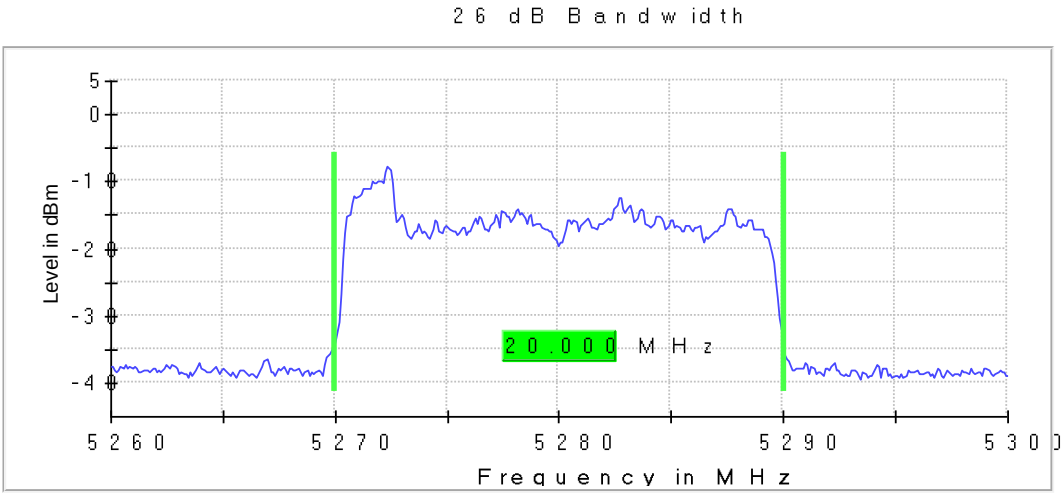
	Lowest frequency 5260 MHz	Middle frequency 5280 MHz	Highest frequency 5320 MHz
26dB Bandwidth (MHz)	30.150	20.000	20.600
Occupied bandwidth (MHz)	22.100	19.000	19.100

26 dB Bandwidth:

Lowest Channel

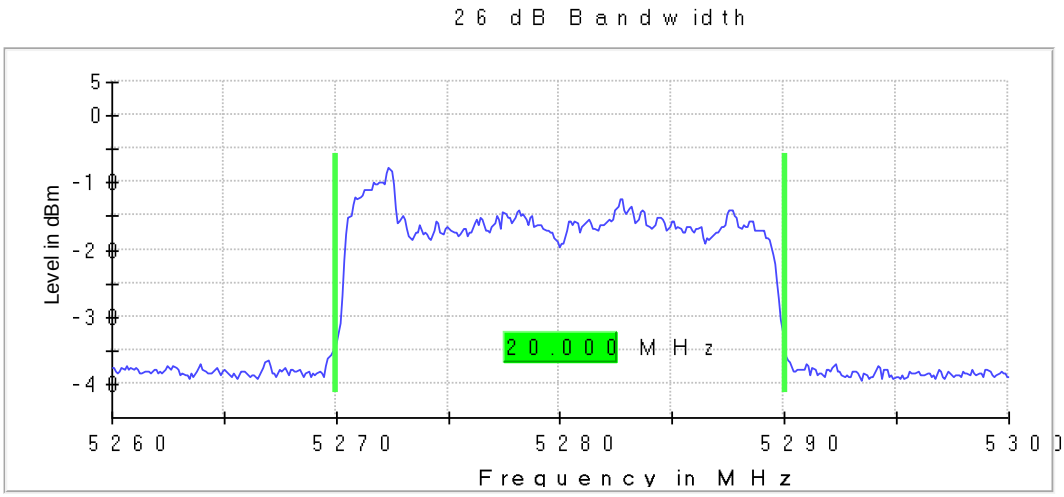


Middle Channel



TEST RESULTS (Cont.)	

Highest Channel

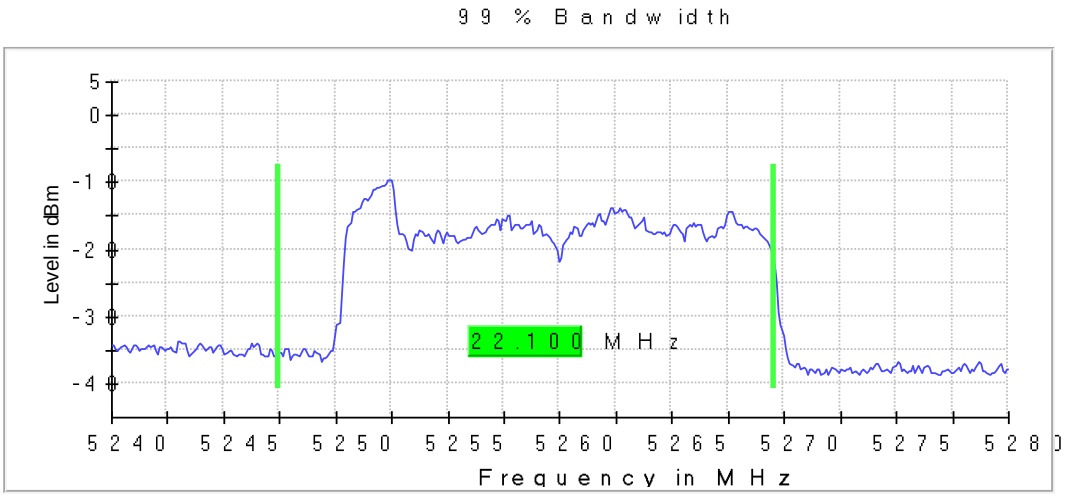


Measurement

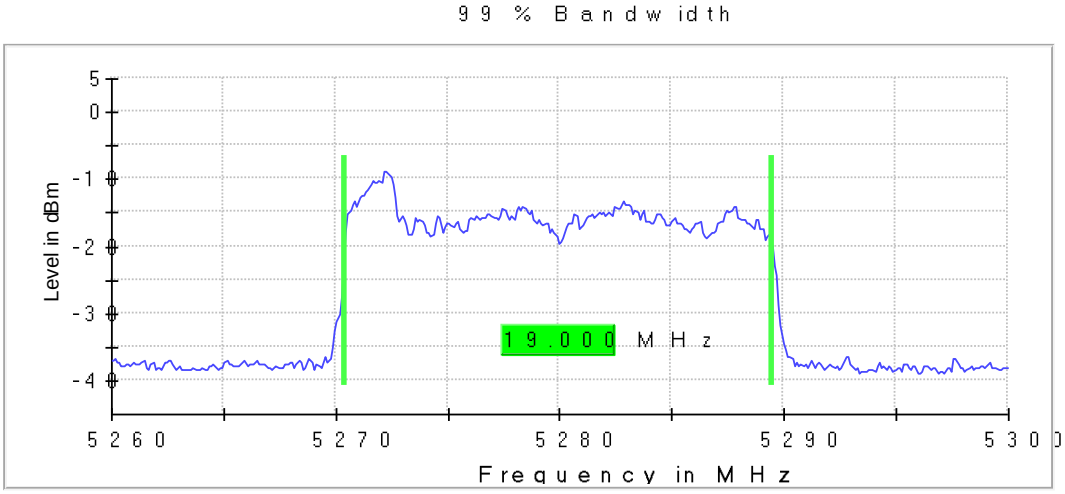
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.26000 GHz
Span	40.000 MHz	40.000 MHz	40.03400 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	67 / max. 150	82 / max. 150	92 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.01 dB	0.19 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

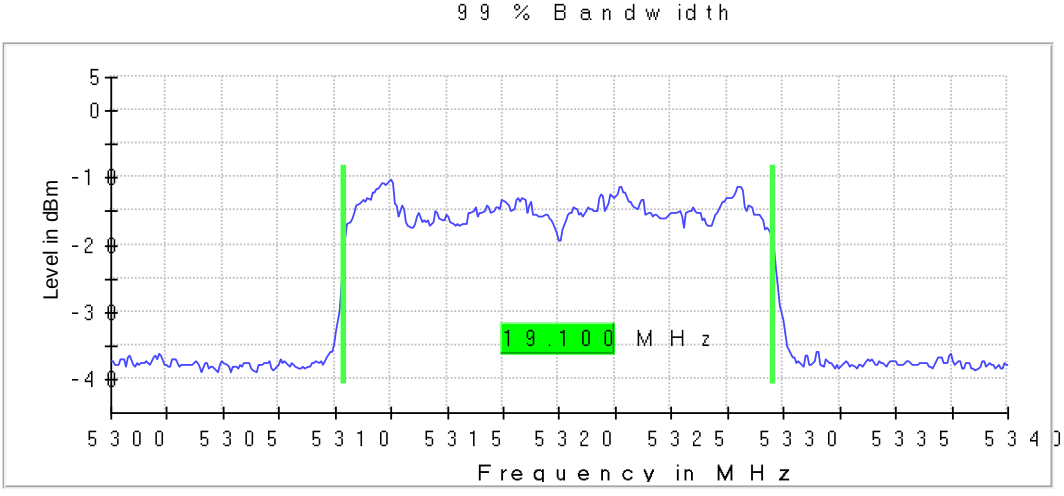
Lowest Channel



Middle Channel



Highest Channel



TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.30000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.34000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	0.000 dBm	10.000 dBm
Attenuation	30.000 dB	20.000 dB	30.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	87 / max. 150	82 / max. 150	92 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.16 dB	0.19 dB

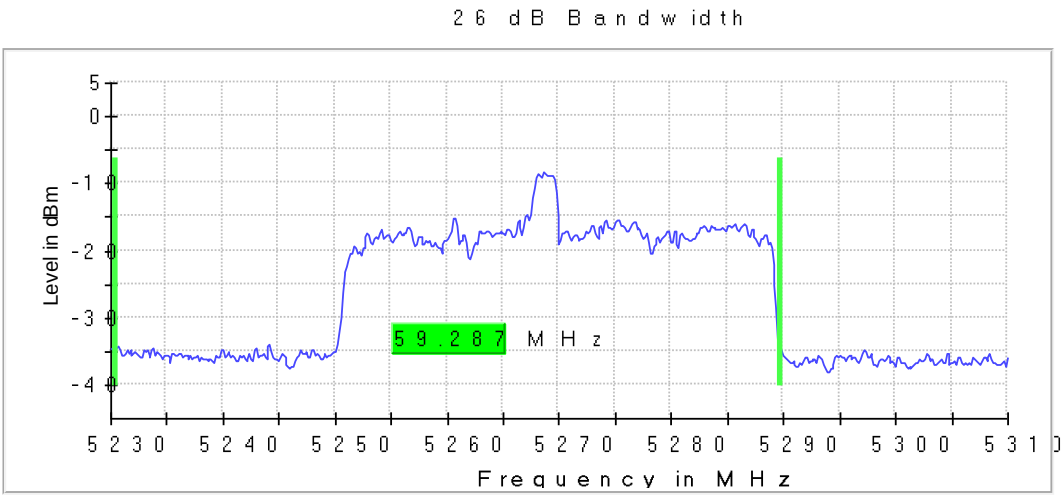
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode SISO Radio A)
TEST RESULTS:	PASS

Bandwidth: 40 MHz

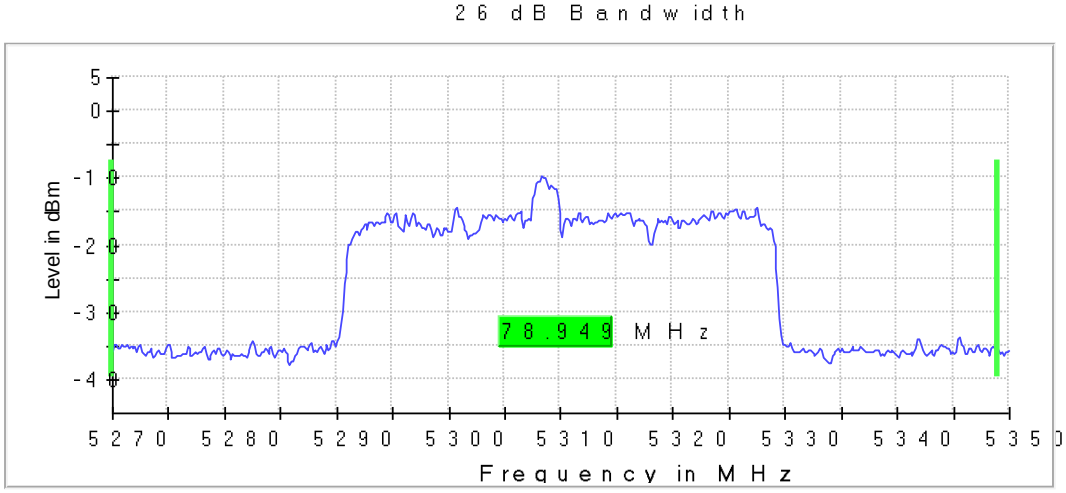
	Lowest frequency 5270 MHz	Highest frequency 5310 MHz
26dB bandwidth (MHz)	59.287	78.949
Occupied bandwidth (MHz)	42.000	39.250

26 dB Bandwidth

Lowest Channel



Highest Channel



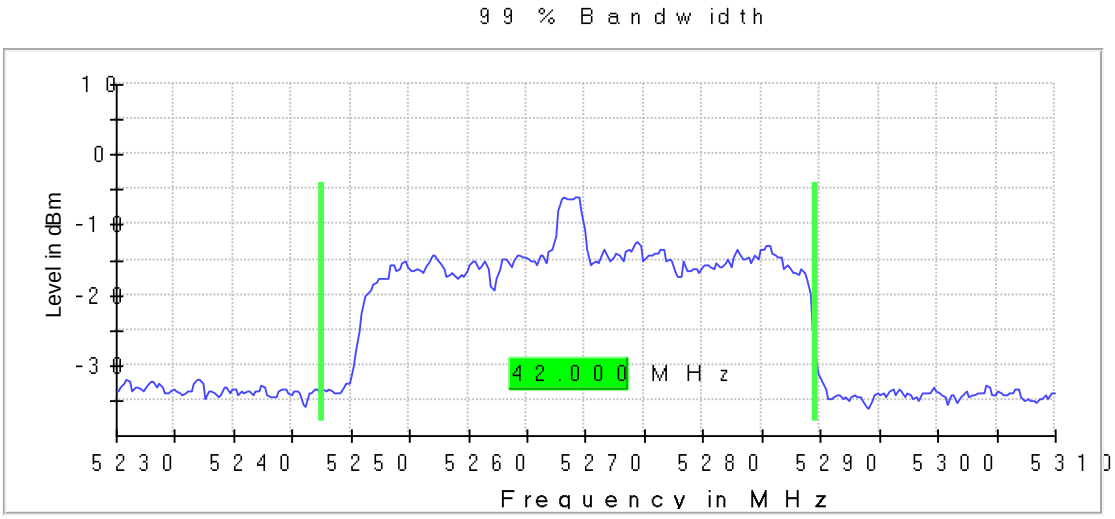
TEST RESULTS (Cont.)	

Measurement

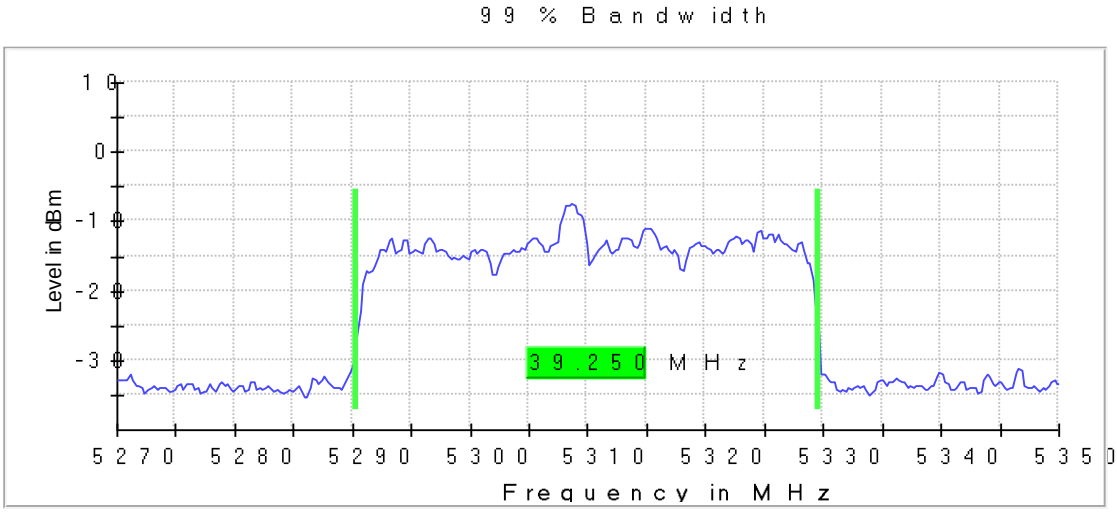
Setting	Instrument Value	Instrument Value
Start Frequency	5.23000 GHz	5.27000 GHz
Stop Frequency	5.31000 GHz	5.35000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 kHz	300.000 kHz
VBW	1.000 MHz	1.000 MHz
Sweep Points	533	533
Sweep time	31.621 µs	31.621 µs
Reference Level	10.000 dBm	0.000 dBm
Attenuation	30.000 dB	20.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	96 / max. 150	119 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.00dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.23000 GHz	5.27000 GHz
Stop Frequency	5.31000 GHz	5.35000 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	500.000 kHz
VBW	2.000 MHz	2.000 MHz
Sweep Points	320	320
Sweep time	18.906 µs	18.906 µs
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	Off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	75 / max. 150	71 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.10 dB	0.23 dB

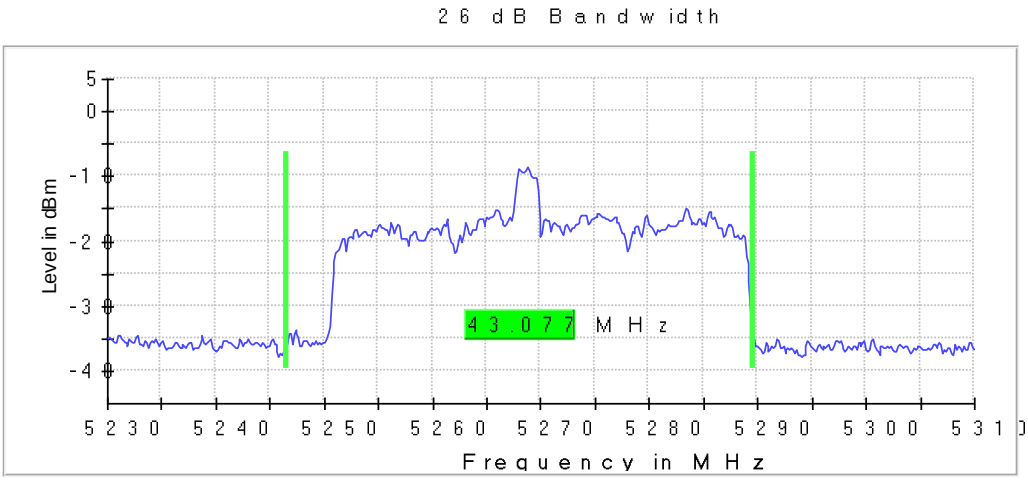
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode MIMO Radio A+B)
TEST RESULTS:	PASS

Bandwidth: 40 MHz

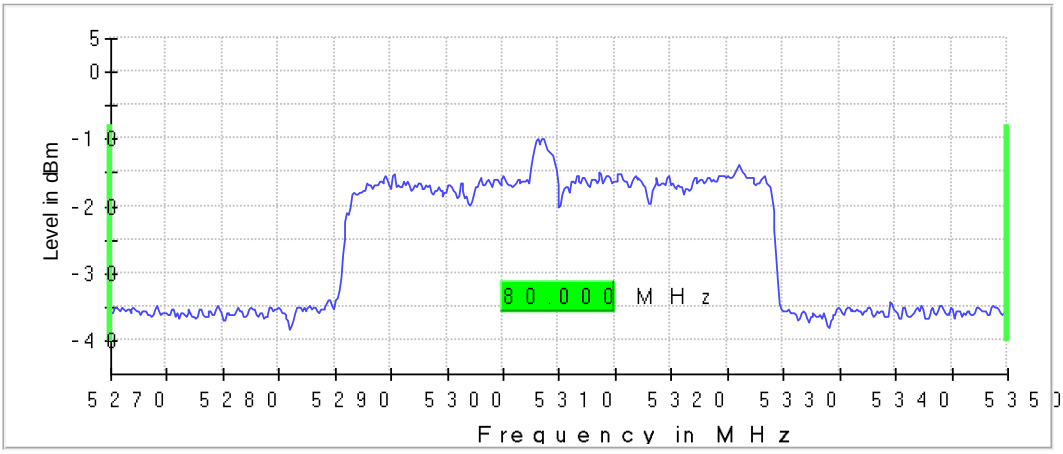
	Lowest frequency 5270 MHz	Highest frequency 5310 MHz
26dB bandwidth (MHz)	43.077	80.000
Occupied bandwidth (MHz)	43.750	40.000

26 dB Bandwidth

Lowest Channel



Highest Channel



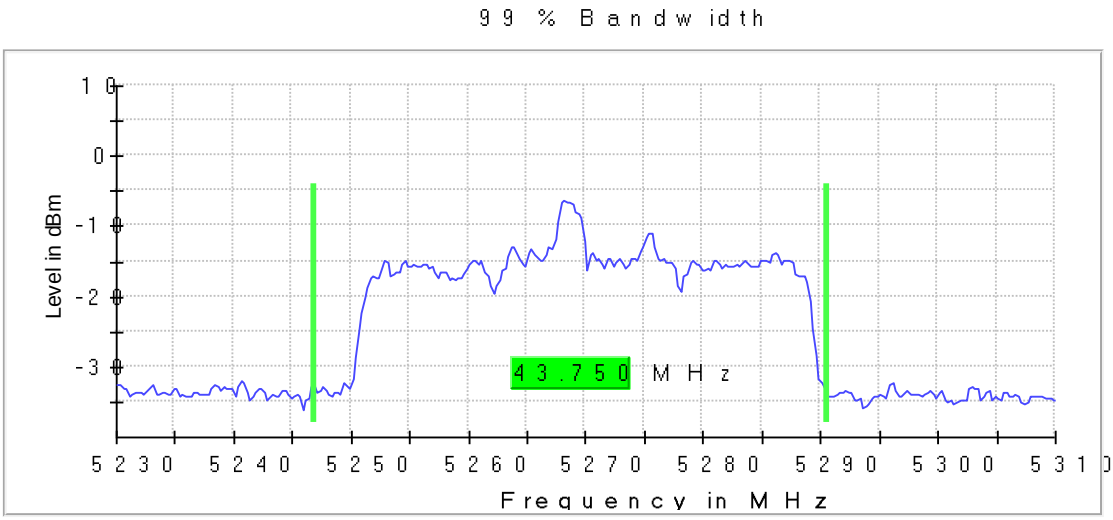
TEST RESULTS (Cont.)	

Measurement

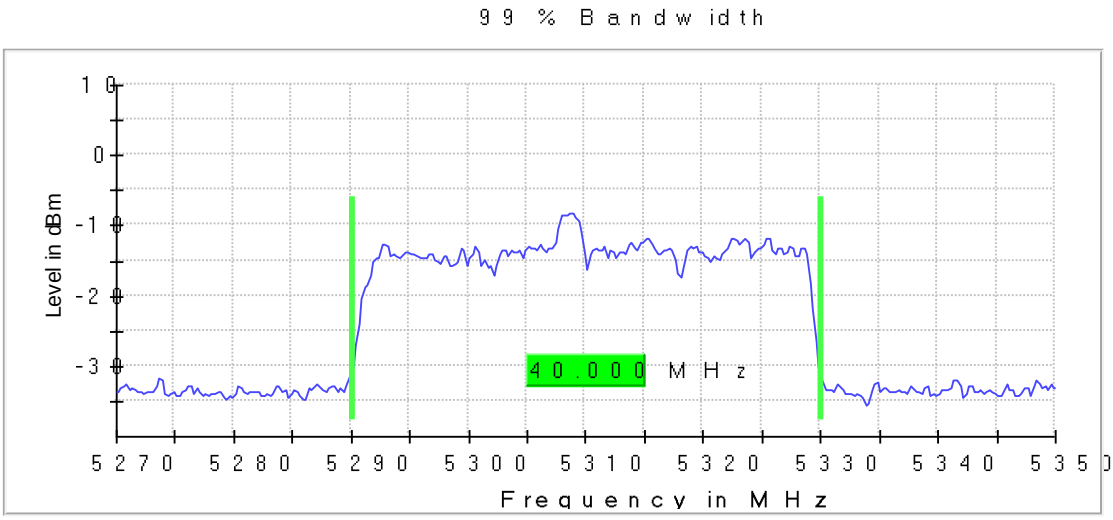
Setting	Instrument Value	Instrument Value
Start Frequency	5.23000 GHz	5.27000 GHz
Stop Frequency	5.31000 GHz	5.35000 GHz
Span	80.000 MHz	80.000 MHz
RBW	300.000 kHz	300.000 kHz
VBW	1.000 MHz	1.000 MHz
Sweep Points	533	533
Sweep time	31.621 µs	31.621 µs
Reference Level	10.000 dBm	0.000 dBm
Attenuation	20.000 dB	20.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	93 / max. 150	83 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.14 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)	

Measurement

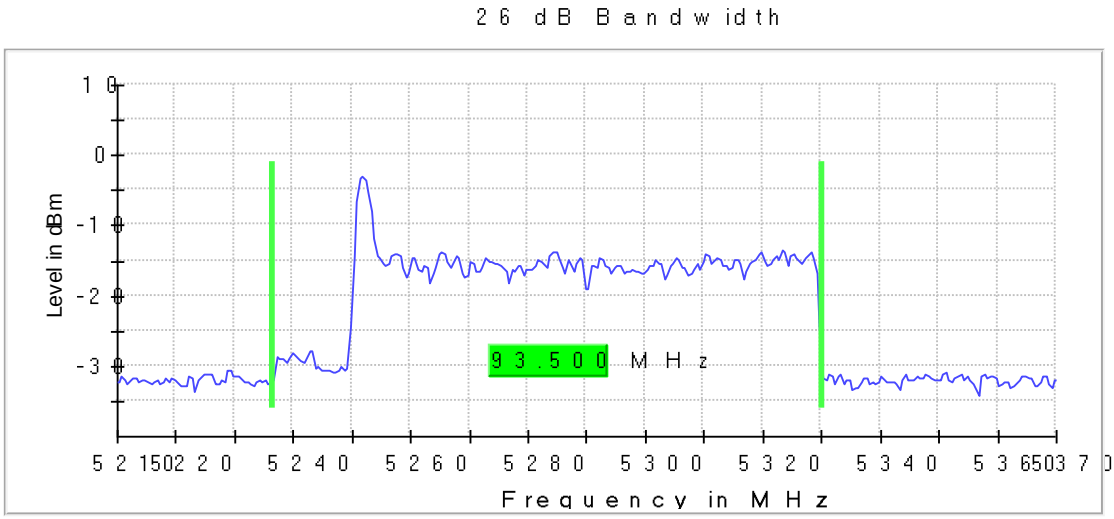
Setting	Instrument Value	Instrument Value
Start Frequency	5.23000 GHz	5.27000 GHz
Stop Frequency	5.31000 GHz	5.35000 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	500.000 kHz
VBW	2.000 MHz	2.000 MHz
Sweep Points	320	320
Sweep time	18.906 µs	18.906 µs
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB
Detector	Max Peak	Max Peak
Sweep Count	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweep type	FFT	FFT
Preamp	Off	off
Stable mode	Trace	Trace
Stable value	0.30 dB	0.30 dB
Run	71 / max. 150	35 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.07 dB	0.00 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode SISO Radio A)
TEST RESULTS:	PASS

Bandwidth: 80 MHz

	Lowest frequency 5290 MHz
26dB bandwidth (MHz)	93.500
Occupied bandwidth (MHz)	114.000

26 dB Bandwidth
Lowest Channel



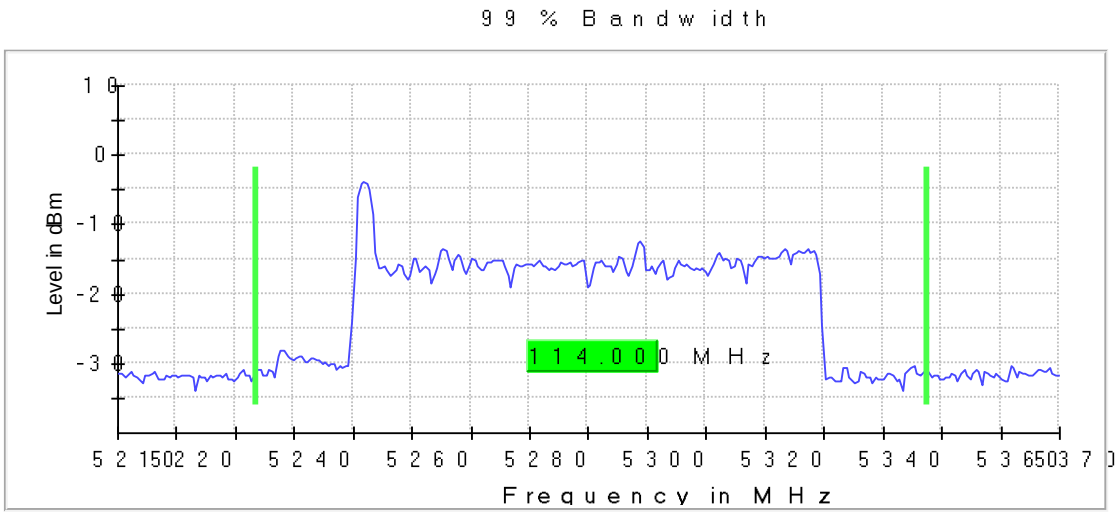
TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value
Start Frequency	5.21000 GHz
Stop Frequency	5.37000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
Sweep Points	320
Sweep time	22.875 µs
Reference Level	10.000 dBm
Attenuation	30.000 dB
Detector	Max Peak
Sweep Count	200
Filter	3 dB
Trace Mode	Max Hold
Sweep type	FFT
Preamp	off
Stable mode	Trace
Stable value	0.30 dB
Run	120 / max. 150
Stable	5 / 5
Max Stable Difference	0.00 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Measurement

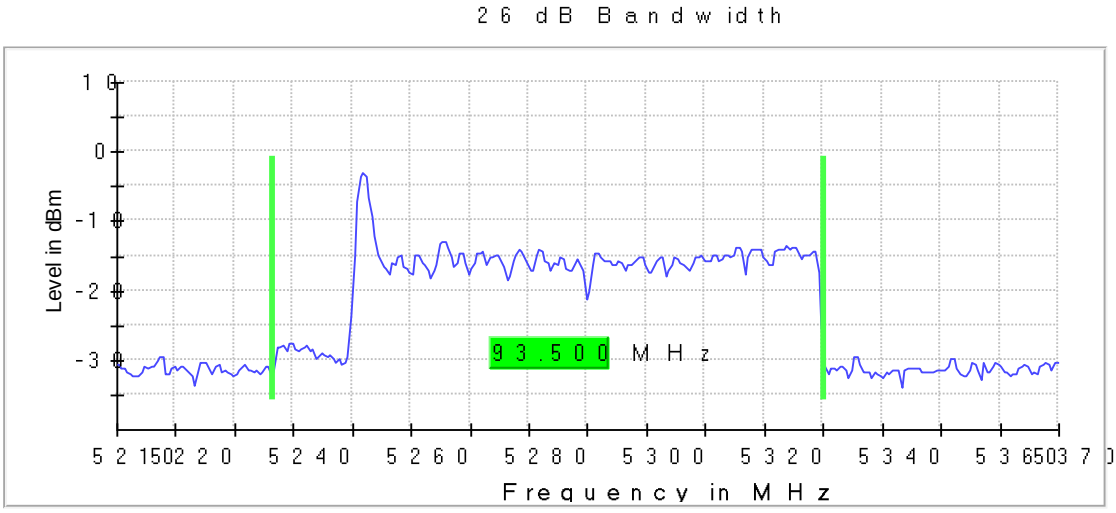
Setting	Instrument Value
Start Frequency	5.21000 GHz
Stop Frequency	5.37000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
Sweep Points	320
Sweep time	22.875 µs
Reference Level	0.000 dBm
Attenuation	20.000 dB
Detector	Max Peak
Sweep Count	200
Filter	3 dB
Trace Mode	Max Hold
Sweep type	FFT
Preamp	Off
Stable mode	Trace
Stable value	0.30 dB
Run	78 / max. 150
Stable	5 / 5
Max Stable Difference	0.08 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (ax Mode MIMO Radio A+B)
TEST RESULTS:	PASS

Bandwidth: 80 MHz

	Lowest frequency 5290 MHz
26dB bandwidth (MHz)	93.500
Occupied bandwidth (MHz)	115.000

26 dB Bandwidth
Lowest Channel



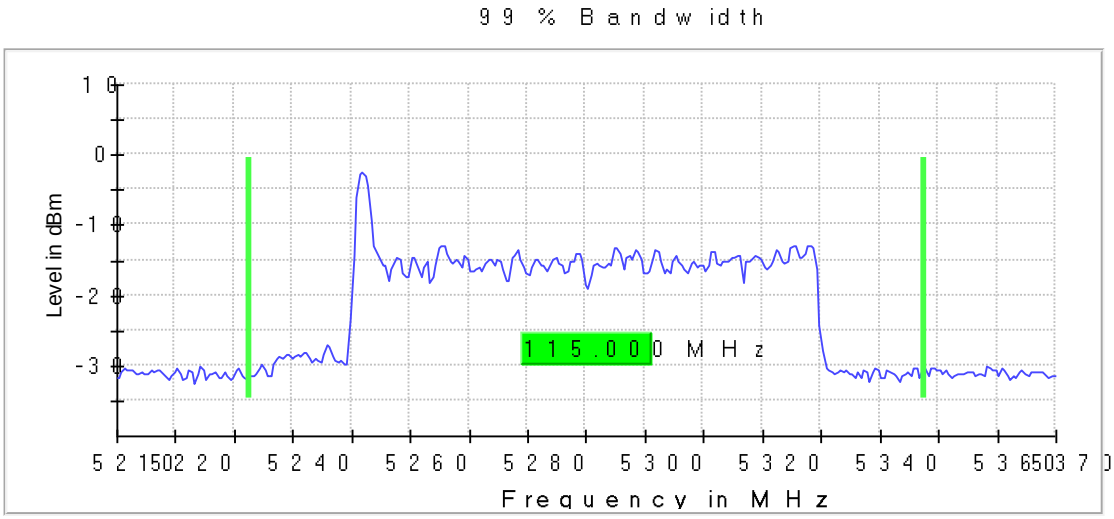
TEST RESULTS (Cont.)	

Measurement

Setting	Instrument Value
Start Frequency	5.21000 GHz
Stop Frequency	5.37000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
Sweep Points	320
Sweep time	22.875 µs
Reference Level	10.000 dBm
Attenuation	30.000 dB
Detector	Max Peak
Sweep Count	200
Filter	3 dB
Trace Mode	Max Hold
Sweep type	FFT
Preamp	off
Stable mode	Trace
Stable value	0.30 dB
Run	103/ max. 150
Stable	5 / 5
Max Stable Difference	0.17 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Measurement

Setting	Instrument Value
Start Frequency	5.31000 GHz
Stop Frequency	5.37000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
Sweep Points	320
Sweep time	189.453 µs
Reference Level	0.000 dBm
Attenuation	20.000 dB
Detector	Max Peak
Sweep Count	200
Filter	3 dB
Trace Mode	Max Hold
Sweep type	FFT
Preamp	Off
Stable mode	Trace
Stable value	0.30 dB
Run	114 / max. 150
Stable	5 / 5
Max Stable Difference	0.00 dB

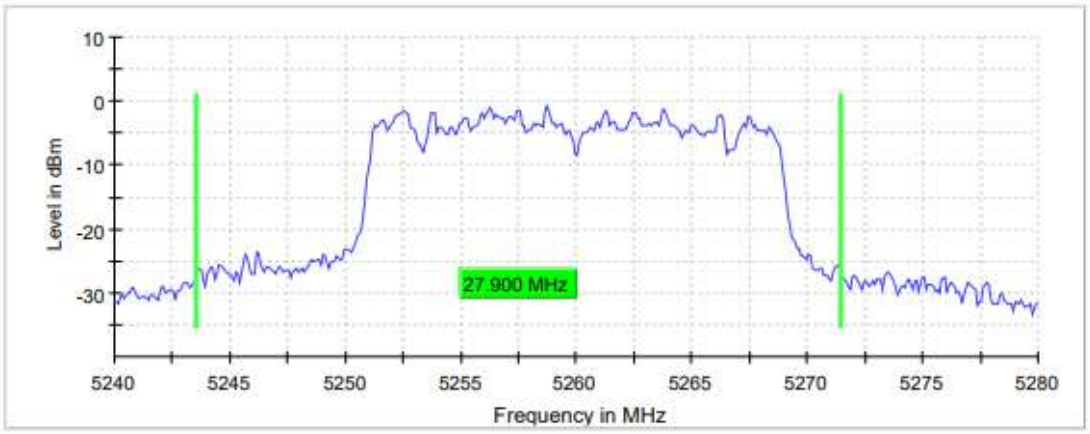
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#05 (ac Mode Beam forming)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

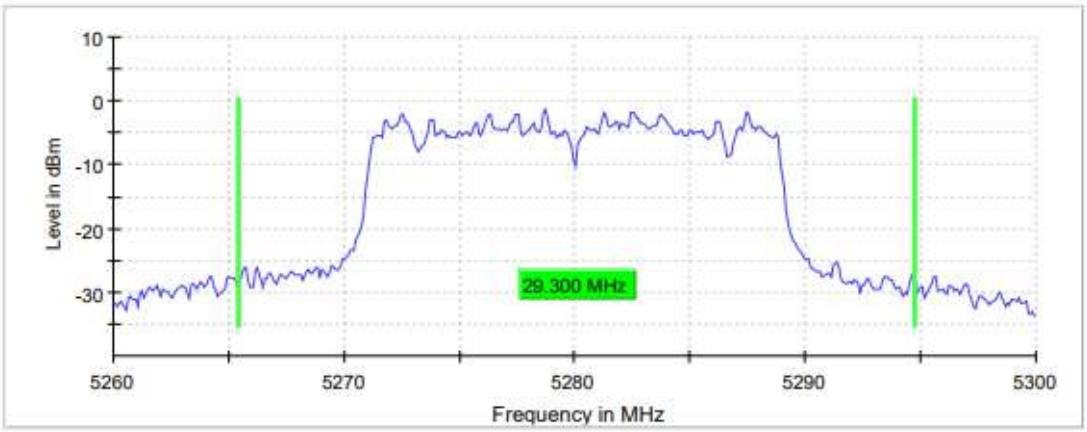
	Lowest frequency 5260 MHz	Middle frequency 5280 MHz	Highest frequency 5320 MHz
26dB bandwidth (MHz)	27.900	29.300	20.200
Occupied bandwidth (MHz)	17.600	17.700	17.600

26 dB Bandwidth:

Lowest Channel

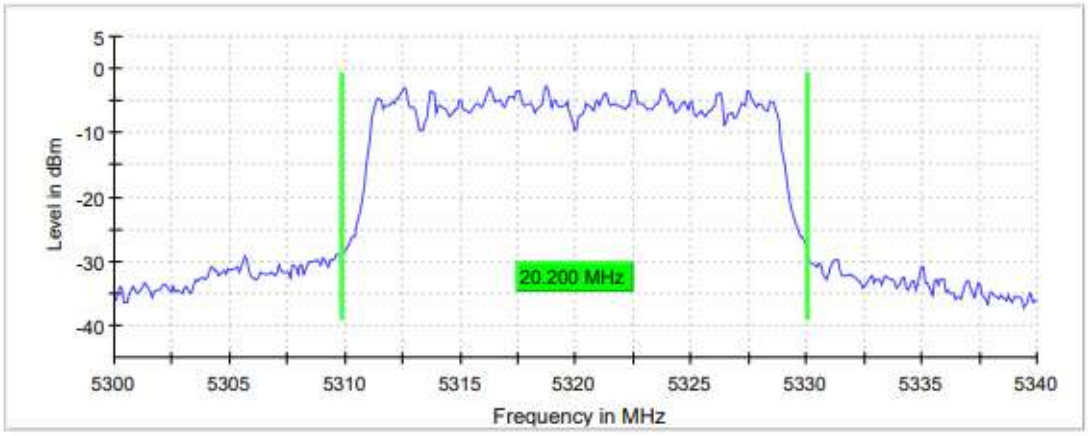


Middle Channel



TEST RESULTS (Cont.)	

Highest Channel

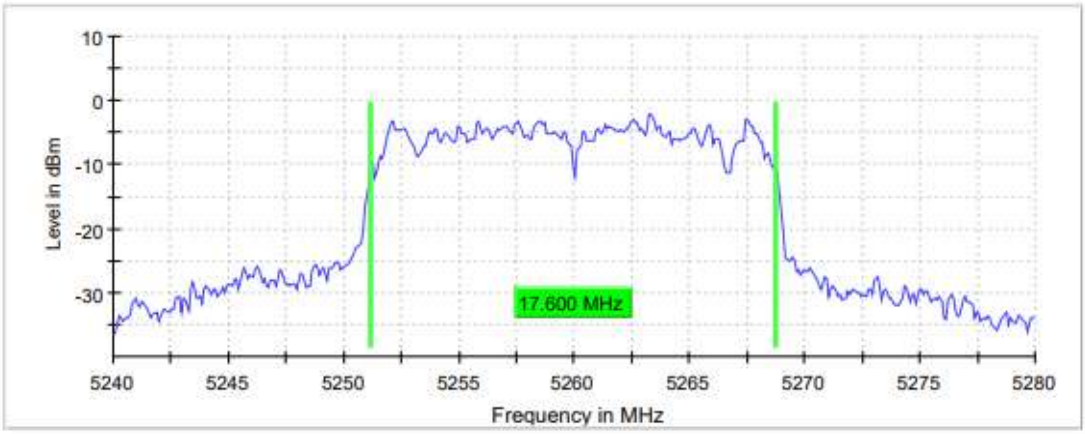


Measurement

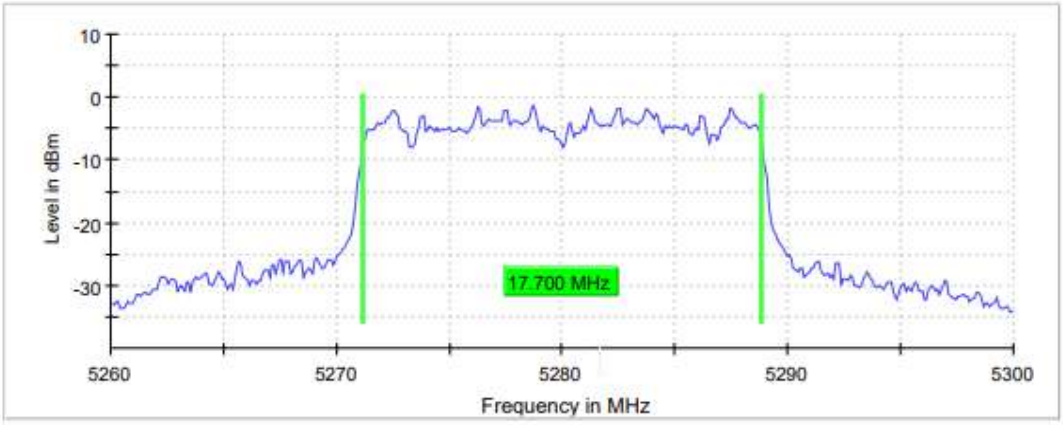
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.24000 GHz	5.26000 GHz	5.22000 GHz
Stop Frequency	5.28000 GHz	5.30000 GHz	5.26000 GHz
Span	40.000 MHz	40.000 MHz	40.000 MHz
RBW	200.000 kHz	200.000 kHz	200.000 kHz
VBW	1.000 MHz	1.000 MHz	1.000 MHz
Sweep Points	400	400	400
Sweep time	28.477 µs	28.477 µs	28.477 µs
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	Max Peak	Max Peak	Max Peak
Sweep Count	200	200	200
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep type	FFT	FFT	FFT
Preamp	off	off	off
Stable mode	Trace	Trace	Trace
Stable value	0.30 dB	0.30 dB	0.30 dB
Run	109 / max. 150	71 / max. 150	84 / max. 150
Stable	5 / 5	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.09 dB	0.27 dB

TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH

Lowest Channel



Middle Channel



Highest Channel