						5613.0, 5538.0, 5663.0, 5406.0, 5522.0, 5680.0, 5353.0, 5588.0, 5690.0, 5675.0, 5271.0, 5369.0, 5557.0, 5390.0, 5308.0, 5253.0, 5290.0, 5662.0, 5676.0, 5272.0, 5292.0, 5644.0, 5421.0, 5687.0, 5398.0, 5697.0, 5454.0, 5383.0, 5255.0, 5302.0, 5366.0, 5668.0, 5445.0, 5638.0, 5374.0, 5303.0, 5693.0, 5289.0, 5587.0, 5356.0, 5419.0, 5568.0, 5426.0, 5721.0, 5623.0, 5418.0, 5296.0, 5459.0, 5709.0, 5707.0, 5397.0, 5456.0, 5399.0, 5593.0, 5551.0, 5367.0, 5412.0, 5295.0, 5254.0, 5444.0, 5318.0, 5627.0, 5671.0, 5455.0, 5506.0
13	5260.0	9	1.0	333	1	5286.0, 5586.0, 5525.0, 5405.0, 5379.0, 5558.0, 5506.0, 5658.0, 5668.0, 5413.0, 5703.0, 5309.0, 5518.0, 5271.0, 5540.0, 5276.0, 5497.0, 5605.0, 5472.0, 5502.0, 5600.0, 5304.0, 5470.0, 5253.0, 5285.0, 5611.0, 5700.0, 5486.0, 5369.0, 5548.0, 5375.0, 5395.0, 5258.0, 5360.0, 5460.0, 5521.0, 5505.0, 5496.0, 5561.0, 5499.0, 5370.0, 5412.0, 5410.0, 5718.0, 5448.0, 5312.0, 5298.0, 5592.0, 5716.0, 5543.0, 5488.0, 5571.0, 5388.0, 5636.0, 5256.0, 5416.0, 5493.0, 5628.0, 5331.0, 5471.0, 5670.0, 5482.0, 5453.0, 5423.0, 5358.0, 5708.0, 5323.0, 5559.0, 5281.0, 5702.0, 5665.0, 5282.0, 5477.0, 5661.0, 5417.0, 5344.0, 5500.0, 5650.0, 5424.0, 5337.0, 5305.0, 5667.0, 5340.0, 5579.0, 5616.0, 5520.0, 5384.0, 5404.0, 5418.0, 5354.0, 5664.0, 5353.0, 5535.0, 5693.0, 5294.0, 5469.0, 5590.0, 5295.0, 5324.0, 5429.0
14	5260.0	9	1.0	333	0	-
15	5260.0	9	1.0	333	1	5586.0, 5371.0, 5624.0, 5275.0, 5325.0, 5457.0, 5711.0, 5262.0, 5646.0, 5363.0, 5383.0, 5489.0, 5563.0, 5620.0, 5503.0, 5494.0, 5531.0, 5554.0, 5576.0, 5634.0, 5445.0, 5480.0, 5524.0, 5721.0, 5615.0, 5671.0, 5614.0, 5492.0, 5649.0, 5601.0, 5629.0, 5399.0, 5694.0, 5500.0, 5541.0, 5472.0, 5679.0, 5416.0, 5447.0, 5318.0, 5327.0, 5463.0, 5285.0, 5583.0, 5690.0, 5504.0, 5559.0, 5608.0, 5675.0, 5628.0, 5377.0, 5689.0, 5265.0, 5497.0, 5526.0, 5659.0, 5484.0, 5410.0, 5449.0, 5584.0, 5647.0, 5610.0, 5314.0, 5683.0, 5277.0, 5560.0, 5337.0, 5298.0, 5253.0, 5424.0, 5407.0, 5453.0, 5533.0, 5535.0, 5397.0, 5461.0, 5276.0, 5289.0, 5288.0, 5718.0, 5306.0, 5389.0, 5609.0, 5724.0, 5581.0, 5295.0, 5341.0, 5324.0, 5518.0, 5338.0, 5638.0, 5617.0, 5650.0, 5388.0, 5495.0, 5506.0, 5540.0, 5379.0, 5626.0, 5428.0
16	5260.0	9	1.0	333	1	5507.0, 5502.0, 5436.0, 5670.0, 5423.0, 5349.0, 5642.0, 5425.0, 5289.0, 5466.0, 5586.0, 5536.0, 5294.0, 5482.0, 5390.0,

						5677.0, 5671.0, 5514.0, 5422.0, 5613.0, 5344.0, 5601.0, 5524.0, 5419.0, 5250.0, 5719.0, 5279.0, 5700.0, 5516.0, 5397.0, 5620.0, 5268.0, 5370.0, 5660.0, 5696.0, 5426.0, 5646.0, 5395.0, 5611.0, 5617.0, 5515.0, 5365.0, 5511.0, 5377.0, 5692.0, 5569.0, 5571.0, 5375.0, 5364.0, 5621.0, 5562.0, 5564.0, 5342.0, 5437.0, 5463.0, 5707.0, 5405.0, 5417.0, 5519.0, 5428.0, 5526.0, 5483.0, 5432.0, 5521.0, 5629.0, 5354.0, 5610.0, 5450.0, 5684.0, 5592.0, 5591.0, 5457.0, 5509.0, 5401.0, 5638.0, 5303.0, 5267.0, 5637.0, 5435.0, 5708.0, 5681.0, 5703.0, 5565.0, 5721.0, 5406.0, 5319.0, 5704.0, 5585.0, 5415.0, 5656.0, 5582.0, 5331.0, 5290.0, 5493.0, 5624.0, 5408.0, 5374.0, 5309.0, 5301.0, 5372.0
17	5260.0	9	1.0	333	1	5497.0, 5314.0, 5367.0, 5649.0, 5587.0, 5290.0, 5596.0, 5339.0, 5343.0, 5562.0, 5450.0, 5487.0, 5318.0, 5708.0, 5365.0, 5694.0, 5370.0, 5349.0, 5360.0, 5287.0, 5677.0, 5527.0, 5424.0, 5654.0, 5702.0, 5273.0, 5482.0, 5309.0, 5633.0, 5592.0, 5491.0, 5413.0, 5284.0, 5421.0, 5388.0, 5549.0, 5614.0, 5432.0, 5706.0, 5441.0, 5271.0, 5401.0, 5387.0, 5679.0, 5558.0, 5718.0, 5316.0, 5269.0, 5626.0, 5430.0, 5664.0, 5517.0, 5621.0, 5493.0, 5355.0, 5279.0, 5658.0, 5541.0, 5471.0, 5507.0, 5538.0, 5393.0, 5484.0, 5295.0, 5459.0, 5465.0, 5478.0, 5504.0, 5722.0, 5643.0, 5345.0, 5619.0, 5616.0, 5472.0, 5607.0, 5540.0, 5274.0, 5570.0, 5547.0, 5720.0, 5346.0, 5602.0, 5520.0, 5573.0, 5623.0, 5310.0, 5265.0, 5409.0, 5337.0, 5363.0, 5325.0, 5390.0, 5415.0, 5609.0, 5681.0, 5294.0, 5392.0, 5489.0, 5668.0, 5519.0
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19	5260.0	9	1.0	333	1	5366.0, 5678.0, 5505.0, 5498.0, 5353.0, 5349.0, 5682.0, 5477.0, 5319.0, 5416.0,

						5461.0, 5721.0, 5367.0, 5360.0, 5501.0, 5263.0, 5698.0, 5657.0, 5385.0, 5544.0, 5365.0, 5395.0, 5709.0, 5623.0, 5516.0, 5427.0, 5456.0, 5377.0, 5557.0, 5630.0, 5332.0, 5704.0, 5448.0, 5633.0, 5495.0, 5662.0, 5627.0, 5368.0, 5460.0, 5676.0, 5279.0, 5286.0, 5538.0, 5651.0, 5273.0, 5344.0, 5389.0, 5482.0, 5618.0, 5359.0, 5529.0, 5492.0, 5610.0, 5582.0, 5277.0, 5446.0, 5386.0, 5674.0, 5536.0, 5331.0, 5269.0, 5691.0, 5431.0, 5528.0, 5643.0, 5292.0, 5699.0, 5684.0, 5265.0, 5652.0, 5354.0, 5710.0, 5672.0, 5430.0, 5449.0, 5693.0, 5399.0, 5298.0, 5609.0, 5346.0, 5278.0, 5603.0, 5532.0, 5321.0, 5310.0, 5442.0, 5268.0, 5398.0, 5591.0, 5685.0, 5514.0, 5589.0, 5327.0, 5580.0, 5715.0, 5671.0, 5635.0, 5252.0, 5585.0, 5475.0
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21	5260.0	9	1.0	333	1	5357.0, 5659.0, 5523.0, 5506.0, 5360.0, 5439.0, 5411.0, 5404.0, 5595.0, 5586.0, 5692.0, 5539.0, 5666.0, 5510.0, 5421.0, 5686.0, 5497.0, 5654.0, 5412.0, 5437.0, 5531.0, 5268.0, 5353.0, 5386.0, 5631.0, 5652.0, 5475.0, 5397.0, 5540.0, 5359.0, 5688.0, 5526.0, 5495.0, 5465.0, 5678.0, 5575.0, 5382.0, 5450.0, 5331.0, 5634.0, 5676.0, 5352.0, 5332.0, 5484.0, 5283.0, 5276.0, 5573.0, 5372.0, 5657.0, 5363.0, 5687.0, 5522.0, 5606.0, 5443.0, 5367.0, 5454.0, 5607.0, 5307.0, 5487.0, 5709.0, 5279.0, 5633.0, 5714.0, 5354.0, 5471.0, 5512.0, 5429.0, 5260.0, 5351.0, 5675.0, 5481.0, 5554.0, 5381.0, 5553.0, 5254.0, 5440.0, 5561.0, 5405.0, 5428.0, 5459.0, 5271.0, 5564.0, 5309.0, 5491.0, 5549.0, 5274.0, 5562.0, 5508.0, 5528.0, 5452.0, 5395.0, 5317.0, 5609.0, 5456.0, 5527.0, 5713.0, 5532.0, 5321.0, 5344.0, 5457.0

22	5260.0	9	1.0	333	1	5572.0, 5618.0, 5720.0, 5377.0, 5417.0, 5505.0, 5655.0, 5294.0, 5339.0, 5266.0, 5563.0, 5319.0, 5258.0, 5332.0, 5485.0, 5297.0, 5317.0, 5426.0, 5381.0, 5628.0, 5497.0, 5401.0, 5355.0, 5267.0, 5722.0, 5313.0, 5349.0, 5334.0, 5571.0, 5393.0, 5303.0, 5607.0, 5420.0, 5385.0, 5544.0, 5392.0, 5486.0, 5526.0, 5376.0, 5565.0, 5278.0, 5438.0, 5469.0, 5308.0, 5482.0, 5304.0, 5685.0, 5596.0, 5402.0, 5259.0, 5580.0, 5356.0, 5711.0, 5619.0, 5394.0, 5627.0, 5639.0, 5477.0, 5660.0, 5645.0, 5450.0, 5433.0, 5537.0, 5608.0, 5702.0, 5512.0, 5498.0, 5320.0, 5268.0, 5287.0, 5328.0, 5703.0, 5697.0, 5601.0, 5342.0, 5637.0, 5474.0, 5260.0, 5715.0, 5456.0, 5595.0, 5709.0, 5633.0, 5531.0, 5364.0, 5453.0, 5444.0, 5396.0, 5495.0, 5481.0, 5445.0, 5576.0, 5569.0, 5688.0, 5466.0, 5465.0, 5375.0, 5262.0, 5674.0, 5648.0
23	5260.0	9	1.0	333	1	5360.0, 5324.0, 5661.0, 5534.0, 5632.0, 5699.0, 5636.0, 5673.0, 5329.0, 5316.0, 5313.0, 5321.0, 5620.0, 5458.0, 5256.0, 5505.0, 5476.0, 5404.0, 5390.0, 5309.0, 5662.0, 5702.0, 5681.0, 5490.0, 5664.0, 5438.0, 5363.0, 5666.0, 5509.0, 5340.0, 5378.0, 5436.0, 5301.0, 5578.0, 5529.0, 5474.0, 5468.0, 5592.0, 5486.0, 5579.0, 5379.0, 5573.0, 5380.0, 5352.0, 5427.0, 5364.0, 5690.0, 5590.0, 5293.0, 5611.0, 5381.0, 5625.0, 5488.0, 5671.0, 5365.0, 5260.0, 5593.0, 5450.0, 5502.0, 5464.0, 5523.0, 5501.0, 5712.0, 5561.0, 5508.0, 5346.0, 5713.0, 5723.0, 5343.0, 5287.0, 5495.0, 5348.0, 5601.0, 5535.0, 5614.0, 5574.0, 5284.0, 5571.0, 5717.0, 5556.0, 5569.0, 5396.0, 5356.0, 5327.0, 5372.0, 5521.0, 5650.0, 5453.0, 5385.0, 5554.0, 5384.0, 5688.0, 5544.0, 5643.0, 5622.0, 5532.0, 5459.0, 5258.0, 5600.0, 5708.0
24	5260.0	9	1.0	333	1	5306.0, 5608.0, 5556.0, 5520.0, 5695.0, 5621.0, 5499.0, 5460.0, 5581.0, 5300.0, 5365.0, 5293.0, 5609.0, 5419.0, 5360.0, 5476.0, 5541.0, 5277.0, 5398.0, 5261.0, 5447.0, 5624.0, 5474.0, 5638.0, 5442.0, 5618.0, 5356.0, 5630.0, 5375.0, 5706.0, 5528.0, 5675.0, 5719.0, 5660.0, 5538.0, 5635.0, 5290.0, 5405.0, 5654.0, 5512.0, 5553.0, 5435.0, 5420.0, 5314.0, 5614.0, 5428.0, 5455.0, 5497.0, 5564.0, 5273.0, 5721.0, 5391.0, 5600.0, 5454.0, 5492.0, 5669.0, 5715.0, 5374.0, 5697.0, 5357.0, 5298.0, 5309.0, 5286.0, 5281.0, 5389.0, 5639.0, 5418.0, 5326.0, 5656.0, 5380.0, 5275.0, 5373.0, 5385.0, 5443.0, 5475.0, 5341.0, 5472.0, 5587.0, 5607.0, 5319.0, 5335.0, 5477.0, 5567.0, 5483.0, 5555.0,

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25	5260.0	9	1.0	333	1	5546.0, 5311.0, 5553.0, 5545.0, 5423.0, 5722.0, 5432.0, 5696.0, 5422.0, 5447.0, 5290.0, 5326.0, 5284.0, 5531.0, 5481.0, 5629.0, 5293.0, 5375.0, 5570.0, 5392.0, 5565.0, 5710.0, 5405.0, 5642.0, 5667.0, 5371.0, 5462.0, 5370.0, 5369.0, 5515.0, 5626.0, 5330.0, 5631.0, 5536.0, 5687.0, 5591.0, 5384.0, 5495.0, 5674.0, 5578.0, 5621.0, 5655.0, 5597.0, 5420.0, 5679.0, 5585.0, 5297.0, 5681.0, 5394.0, 5677.0, 5303.0, 5380.0, 5714.0, 5612.0, 5630.0, 5712.0, 5547.0, 5273.0, 5580.0, 5319.0, 5527.0, 5366.0, 5254.0, 5659.0, 5497.0, 5274.0, 5493.0, 5309.0, 5697.0, 5634.0, 5451.0, 5574.0, 5417.0, 5516.0, 5704.0, 5508.0, 5414.0, 5619.0, 5410.0, 5389.0, 5479.0, 5723.0, 5259.0, 5502.0, 5657.0, 5272.0, 5701.0, 5537.0, 5684.0, 5555.0, 5253.0, 5443.0, 5577.0, 5343.0, 5616.0, 5412.0, 5491.0, 5426.0, 5267.0, 5300.0
26	5260.0	9	1.0	333	1	5565.0, 5559.0, 5615.0, 5395.0, 5290.0, 5663.0, 5323.0, 5593.0, 5315.0, 5461.0, 5382.0, 5582.0, 5669.0, 5499.0, 5317.0, 5480.0, 5411.0, 5426.0, 5365.0, 5668.0, 5654.0, 5552.0, 5280.0, 5322.0, 5592.0, 5569.0, 5261.0, 5694.0, 5476.0, 5462.0, 5267.0, 5279.0, 5529.0, 5695.0, 5574.0, 5437.0, 5352.0, 5563.0, 5689.0, 5492.0, 5719.0, 5278.0, 5549.0, 5436.0, 5451.0, 5406.0, 5333.0, 5504.0, 5305.0, 5560.0, 5566.0, 5616.0, 5709.0, 5693.0, 5250.0, 5685.0, 5464.0, 5677.0, 5673.0, 5584.0, 5610.0, 5292.0, 5358.0, 5285.0, 5597.0, 5311.0, 5438.0, 5404.0, 5489.0, 5603.0, 5443.0, 5578.0, 5500.0, 5440.0, 5503.0, 5543.0, 5655.0, 5488.0, 5561.0, 5345.0, 5631.0, 5682.0, 5618.0, 5356.0, 5629.0, 5511.0, 5594.0, 5526.0, 5300.0, 5471.0, 5295.0, 5466.0, 5376.0, 5387.0, 5373.0, 5607.0, 5706.0, 5564.0, 5412.0, 5585.0
27	5260.0	9	1.0	333	1	5342.0, 5504.0, 5482.0, 5428.0, 5602.0, 5519.0, 5458.0, 5328.0, 5531.0, 5282.0, 5253.0, 5655.0, 5257.0, 5563.0, 5638.0, 5555.0, 5552.0, 5349.0, 5312.0, 5484.0, 5430.0, 5277.0, 5379.0, 5337.0, 5327.0, 5500.0, 5365.0, 5704.0, 5502.0, 5274.0, 5576.0, 5381.0, 5252.0, 5713.0, 5347.0, 5659.0, 5407.0, 5601.0, 5437.0, 5474.0, 5718.0, 5572.0, 5719.0, 5670.0, 5311.0, 5409.0, 5336.0, 5323.0, 5420.0, 5427.0, 5362.0, 5625.0, 5497.0, 5414.0, 5499.0, 5301.0, 5566.0, 5390.0, 5386.0, 5517.0, 5444.0, 5614.0, 5359.0, 5303.0, 5425.0,

						5703.0, 5722.0, 5308.0, 5440.0, 5677.0, 5389.0, 5483.0, 5537.0, 5399.0, 5588.0, 5596.0, 5400.0, 5603.0, 5593.0, 5705.0, 5485.0, 5396.0, 5564.0, 5521.0, 5569.0, 5548.0, 5383.0, 5280.0, 5417.0, 5621.0, 5565.0, 5461.0, 5505.0, 5450.0, 5680.0, 5466.0, 5634.0, 5604.0, 5495.0, 5315.0
28	5260.0	9	1.0	333	1	5719.0, 5487.0, 5692.0, 5639.0, 5456.0, 5424.0, 5673.0, 5565.0, 5270.0, 5491.0, 5581.0, 5462.0, 5372.0, 5349.0, 5444.0, 5483.0, 5511.0, 5302.0, 5274.0, 5552.0, 5475.0, 5720.0, 5594.0, 5292.0, 5669.0, 5426.0, 5338.0, 5686.0, 5701.0, 5672.0, 5643.0, 5307.0, 5310.0, 5275.0, 5381.0, 5436.0, 5294.0, 5273.0, 5279.0, 5384.0, 5277.0, 5482.0, 5395.0, 5590.0, 5291.0, 5500.0, 5651.0, 5569.0, 5481.0, 5668.0, 5390.0, 5367.0, 5721.0, 5258.0, 5601.0, 5612.0, 5265.0, 5378.0, 5371.0, 5707.0, 5714.0, 5708.0, 5368.0, 5522.0, 5674.0, 5644.0, 5534.0, 5709.0, 5550.0, 5712.0, 5722.0, 5634.0, 5363.0, 5657.0, 5293.0, 5560.0, 5501.0, 5642.0, 5267.0, 5449.0, 5459.0, 5351.0, 5715.0, 5300.0, 5413.0, 5431.0, 5691.0, 5592.0, 5615.0, 5512.0, 5317.0, 5437.0, 5667.0, 5423.0, 5514.0, 5622.0, 5567.0, 5329.0, 5260.0, 5359.0
29	5260.0	9	1.0	333	1	5593.0, 5309.0, 5675.0, 5567.0, 5466.0, 5504.0, 5657.0, 5613.0, 5522.0, 5350.0, 5642.0, 5332.0, 5452.0, 5526.0, 5252.0, 5456.0, 5540.0, 5273.0, 5569.0, 5645.0, 5605.0, 5494.0, 5394.0, 5458.0, 5373.0, 5469.0, 5481.0, 5544.0, 5482.0, 5318.0, 5638.0, 5349.0, 5329.0, 5286.0, 5371.0, 5618.0, 5585.0, 5422.0, 5528.0, 5570.0, 5516.0, 5562.0, 5462.0, 5441.0, 5360.0, 5689.0, 5614.0, 5291.0, 5674.0, 5457.0, 5429.0, 5407.0, 5572.0, 5255.0, 5535.0, 5303.0, 5631.0, 5710.0, 5539.0, 5499.0, 5467.0, 5391.0, 5397.0, 5594.0, 5527.0, 5705.0, 5369.0, 5268.0, 5601.0, 5517.0, 5665.0, 5420.0, 5287.0, 5488.0, 5313.0, 5644.0, 5619.0, 5434.0, 5314.0, 5344.0, 5390.0, 5401.0, 5600.0, 5590.0, 5277.0, 5491.0, 5343.0, 5643.0, 5503.0, 5693.0, 5509.0, 5335.0, 5396.0, 5375.0, 5284.0, 5340.0, 5316.0, 5489.0, 5257.0, 5341.0
30	5260.0	9	1.0	333	0	-

Wlan0

5310 MHz, 40 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	70 %	60%	Pass
Type 3	30	80 %	60%	Pass
Type 4	30	93.3 %	60%	Pass
Aggregate (Type1 to 4)	120	85.83%	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	93.3 %	70%	Pass

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	81	1.0	658	1
2	65	1.0	818	1
3	95	1.0	558	1
4	70	1.0	758	1
5	102	1.0	518	1
6	89	1.0	598	1
7	86	1.0	618	1
8	63	1.0	838	1
9	59	1.0	898	1
10	18	1.0	3066	1
11	58	1.0	918	1
12	67	1.0	798	1
13	68	1.0	778	1
14	83	1.0	638	1
15	78	1.0	678	1
16	63	1.0	840	1
17	23	1.0	2365	1
18	32	1.0	1692	1
19	73	1.0	733	1
20	21	1.0	2579	1
21	26	1.0	2080	1
22	38	1.0	1419	1
23	32	1.0	1697	1
24	20	1.0	2713	1
25	36	1.0	1500	1
26	54	1.0	988	1
27	29	1.0	1880	1
28	46	1.0	1157	1
29	32	1.0	1665	1
30	42	1.0	1285	1
Detection Percentage: 100 % (>60%)				

Table-2 Radar Type 2 Statistical Performance

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	27	1.6	218	1
2	25	3.1	150	1
3	28	1.9	213	0
4	27	2.7	183	1
5	26	1.1	185	1
6	25	4.6	186	1
7	25	3.3	161	1
8	28	3.5	205	1
9	29	2.5	158	1
10	23	4.9	152	0
11	28	4.1	187	1
12	24	1.1	178	0
13	29	1.5	229	1
14	28	3.7	213	0
15	27	4.9	156	1
16	24	4.0	207	0
17	27	3.0	156	1
18	26	4.7	193	1
19	27	2.9	184	0
20	27	2.3	222	1
21	27	4.8	158	1
22	23	2.8	173	0
23	28	3.3	181	1
24	25	2.8	162	1
25	27	4.3	170	1
26	28	1.0	217	1
27	23	3.4	222	0
28	24	1.1	211	0
29	27	1.5	182	1
30	25	4.6	208	1
Detection Percentage: 70 % (>60%)				

Table-3 Radar Type 3 Statistical Performance

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	16	8.2	286	1
2	18	7.2	429	1
3	18	6.5	241	1
4	17	8.9	205	0
5	18	6.9	300	1
6	18	8.2	448	1
7	18	10.0	438	1
8	17	6.8	350	1
9	18	7.0	431	1
10	17	9.8	239	0
11	17	7.6	465	1
12	17	6.2	486	0
13	17	7.4	384	1
14	17	8.2	235	1
15	16	6.8	320	1
16	17	7.5	388	1
17	17	7.9	415	1
18	17	9.3	294	1
19	17	6.7	224	0
20	18	10.0	492	1
21	16	9.1	229	1
22	17	8.7	201	0
23	16	7.4	365	1
24	16	8.8	379	1
25	18	6.5	302	1
26	18	9.7	318	1
27	17	6.4	399	1
28	18	6.1	444	1
29	17	7.6	436	0
30	17	9.4	410	1
Detection Percentage: 80 % (>60%)				

Table-4 Radar Type 4 Statistical Performance

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	16	15.6	291	1
2	14	13.0	460	1
3	16	13.5	342	1
4	13	16.7	287	1
5	14	12.8	258	1
6	13	16.5	498	1
7	14	19.2	225	1
8	15	11.9	442	1
9	12	16.1	300	1
10	16	18.2	400	1
11	15	13.1	493	1
12	16	15.5	472	1
13	12	14.5	411	1
14	16	17.5	245	0
15	13	11.8	466	1
16	14	19.3	302	1
17	13	19.1	332	1
18	14	20.0	308	1
19	15	17.9	446	1
20	12	11.9	281	1
21	14	19.1	383	1
22	13	16.5	420	0
23	16	13.4	473	1
24	15	15.8	224	1
25	15	14.7	390	1
26	15	11.2	236	1
27	16	14.3	272	1
28	16	14.6	302	1
29	13	18.0	211	1
30	12	11.9	292	1
Detection Percentage: 93.3 % (>60%)				

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (GHz)	Detection (1:yes; 0:no)
1	5.31	1
2	5.31	1
3	5.31	1
4	5.31	1
5	5.31	1
6	5.31	1
7	5.31	1
8	5.31	1
9	5.31	1
10	5.31	1
11	5.294	1
12	5.294	1
13	5.295	1
14	5.295	1
15	5.297	1
16	5.298	1
17	5.292	1
18	5.294	1
19	5.294	1
20	5.295	1
21	5.328	1
22	5.325	1
23	5.323	1
24	5.325	1
25	5.322	1
26	5.324	1
27	5.328	1
28	5.325	1
29	5.328	1
30	5.324	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	7	91.8	1229	-	-	486379	1
1	1	7	64.2	1485	-	-	750484	1
2	2	7	53.2	1783	1878	-	1012677	1
3	3	7	56.3	1179	1770	1223	189032	1
4	2	7	74	1436	1067	-	453295	1
5	2	7	95.2	1683	1875	-	716573	1
6	2	7	85.1	1446	1280	-	981040	1
7	3	7	52.3	1717	1321	1672	156489	1
8	1	7	71.2	1299	-	-	421245	1
9	2	7	98.1	1188	1385	-	684708	1
10	1	7	52.7	1124	-	-	949927	1

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	10	97.8	1445	-	-	152096	1
1	1	10	76.6	1662	-	-	475043	1
2	3	10	60.1	1209	1432	1866	796310	1
3	3	10	80.6	1426	1122	1028	1119376	1
4	2	10	61.7	1103	1286	-	112227	1
5	1	10	83.3	1360	-	-	435359	1
6	2	10	70.9	1194	1222	-	757803	1
7	3	10	65.8	1895	1295	1380	1078844	1
8	3	10	55.3	1139	1441	1183	72391	1

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	10	81.4	1733	1860	1973	252900	1
1	1	10	50.9	1526	-	-	461614	1
2	1	10	61.7	1804	-	-	668910	1
3	2	10	59.1	1901	1362	-	20982	1
4	3	10	61.1	1520	1700	1388	227716	1
5	1	10	76.1	1748	-	-	435940	1
6	3	10	95	1550	1981	1563	640883	1
7	1	10	99.8	1786	-	-	850822	1
8	3	10	91.8	1825	1827	1699	202070	1
9	3	10	85.3	1568	1344	1101	409299	1
10	2	10	53.4	1661	1217	-	617029	1
11	3	10	82.6	1650	1768	1829	821930	1
12	3	10	79.5	1477	1640	1675	176740	1
13	1	10	62.1	1943	-	-	384743	1

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	5	70.2	1533	1111	1005	459086	1
1	3	5	84.1	1654	1519	1727	618719	1
2	3	5	99.3	1136	1660	1504	117558	1
3	1	5	96.7	1159	-	-	279522	1
4	2	5	99.1	1424	1610	-	439686	1
5	2	5	67.8	1063	1215	-	601322	1
6	1	5	69.8	1472	-	-	98187	1
7	3	5	67.4	1808	1695	1126	258286	1
8	3	5	66.8	1092	1632	1452	419138	1
9	2	5	75	1007	1129	-	581598	1
10	2	5	74.2	1289	1325	-	78181	1
11	3	5	90.2	1887	1133	1278	238628	1
12	3	5	84.5	1468	1790	1545	398969	1
13	2	5	85.8	1327	1297	-	561333	1
14	1	5	74.9	1059	-	-	58479	1
15	2	5	54.8	1942	1420	-	219149	1
16	2	5	56.5	1166	1064	-	380670	1
17	1	5	53.2	1438	-	-	542463	1

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	6	97.7	1932	1862	-	43268	1
1	3	6	76.2	1010	1705	1614	224086	1
2	2	6	74.2	1818	1203	-	405644	1
3	1	6	90.9	1135	-	-	588292	1
4	3	6	52.5	1091	1987	1022	20967	1
5	1	6	94.1	1260	-	-	202640	1
6	3	6	95.2	1624	1461	1619	382465	1
7	2	6	97.9	1026	1399	-	564945	1
8	2	6	50.2	1195	1395	-	746091	1
9	1	6	85.3	1852	-	-	180129	1
10	1	6	60.5	1141	-	-	361922	1
11	1	6	85.9	1617	-	-	543198	1
12	1	6	94.6	1303	-	-	725009	1
13	1	6	70.1	1785	-	-	157793	1
14	2	6	68.3	1641	1529	-	338630	1
15	1	6	64.4	1062	-	-	521227	1

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	11	90	1656	1955	1686	861324	1
1	3	11	96.6	1147	1119	1586	166396	1
2	3	11	62.5	1966	1069	1857	388897	1
3	1	11	86.7	1075	-	-	614128	1
4	1	11	71.9	1565	-	-	837297	1
5	1	11	98	1630	-	-	139271	1
6	2	11	85.6	1805	1558	-	362068	1
7	3	11	64	1483	1341	1682	584401	1
8	2	11	84.2	1798	1960	-	807840	1
9	3	11	86.7	1447	1412	1826	111373	1
10	3	11	85	1720	1413	1185	334245	1
11	1	11	71	1726	-	-	558645	1
12	2	11	91.7	1454	1228	-	781290	1

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	8	59.1	1673	-	-	91242	1
1	1	8	74.9	1496	-	-	333427	1
2	2	8	86.9	1564	1176	-	574878	1
3	2	8	78.8	1512	1383	-	816618	1
4	2	8	50.2	1394	1038	-	61371	1
5	2	8	84.9	1750	1803	-	302972	1
6	1	8	53.2	1577	-	-	545721	1
7	2	8	87.9	1018	1047	-	787485	1
8	3	8	79.3	1585	1387	1964	31490	1
9	3	8	81.5	1845	1571	1244	272900	1
10	3	8	55.1	1113	1961	1401	514397	1
11	1	8	51.4	1493	-	-	758107	1

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	14	51.1	1870	-	-	1060	1
1	3	14	67.5	1882	1404	1322	145456	1
2	1	14	84.5	1066	-	-	291582	1
3	3	14	56.8	1120	1489	1100	434915	1
4	2	14	80.9	1541	1011	-	580658	1
5	1	14	80.5	1463	-	-	128344	1
6	1	14	54	1899	-	-	273309	1
7	1	14	71.8	1241	-	-	418827	1
8	2	14	70	1366	1320	-	562684	1
9	2	14	95.8	1266	1823	-	110163	1
10	2	14	78.4	1906	1246	-	254906	1
11	2	14	92.4	1561	1268	-	399876	1
12	1	14	69.9	1649	-	-	545785	1
13	1	14	81.3	1270	-	-	92612	1
14	1	14	99.8	1144	-	-	237873	1
15	1	14	90.7	1435	-	-	382928	1
16	2	14	60.2	1639	1510	-	526587	1
17	3	14	56.7	1935	1544	1173	74303	1
18	1	14	65.9	1954	-	-	219685	1
19	1	14	59.1	1167	-	-	365210	1

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	14	74.2	1021	1349	1287	1133417	1
1	3	14	56.1	1817	1085	1361	126171	1
2	1	14	91.2	1256	-	-	449527	1
3	3	14	60.4	1466	1921	1982	770212	1
4	2	14	73.7	1595	1357	-	1094273	1
5	3	14	57	1352	1869	1836	86414	1
6	3	14	94.3	1418	1073	1574	408868	1
7	3	14	85.2	1854	1842	1083	730865	1
8	2	14	65.1	1626	1106	-	1054704	1

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	7	76.6	1374	1206	1036	26260	1
1	1	7	60.6	1886	-	-	207762	1
2	1	7	65	1001	-	-	389664	1
3	1	7	57.3	1199	-	-	571168	1
4	1	7	85.2	1276	-	-	3975	1
5	1	7	70.7	1794	-	-	185436	1
6	1	7	80.4	1033	-	-	367272	1
7	1	7	51	1821	-	-	548343	1
8	1	7	57.2	1006	-	-	730595	1
9	3	7	53.2	1072	1590	1265	162618	1
10	2	7	56.1	1604	1417	-	343982	1
11	3	7	81	1093	1535	1158	524610	1
12	3	7	99.3	1930	1592	1145	704757	1
13	1	7	71.6	1132	-	-	140856	1
14	3	7	63.3	1848	1169	1762	320909	1
15	3	7	96.6	1457	1074	1713	502009	1

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	11	94.5	1408	1559	1430	1369503	1
1	1	11	58.8	1288	-	-	237122	1
2	1	11	68.9	1081	-	-	600689	1
3	1	11	85.2	1813	-	-	963753	1
4	3	11	62.6	1048	1830	1599	1324751	1
5	1	11	77.7	1986	-	-	192259	1
6	1	11	72.6	1659	-	-	555696	1
7	3	11	65.6	1481	1841	1834	916946	1

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	10	96.1	1741	1871	-	930659	1
1	1	10	77.2	1606	-	-	107262	1
2	1	10	95	1285	-	-	371562	1
3	2	10	76.4	1831	2000	-	634345	1
4	1	10	74	1732	-	-	899729	1
5	1	10	83.2	1708	-	-	74713	1
6	2	10	73.9	1569	1707	-	338391	1
7	2	10	86.2	1600	1764	-	602127	1
8	1	10	68.8	1801	-	-	867136	1
9	2	10	56.7	1197	1864	-	42121	1
10	3	10	93.5	1329	1356	1978	305508	1

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	12	85.2	1867	-	-	522805	1
1	2	12	63.3	1698	1874	-	763577	1
2	2	12	85.1	1175	1549	-	8821	1
3	1	12	84.7	1363	-	-	251034	1
4	3	12	60.6	1043	1976	1781	491538	1
5	3	12	69.4	1192	1050	1238	733877	1
6	1	12	89.6	1458	-	-	977544	1
7	2	12	53	1150	1653	-	220882	1
8	3	12	53.5	1165	1024	1822	462173	1
9	3	12	59.7	1703	1470	1142	703517	1
10	1	12	78.1	1193	-	-	947965	1
11	3	12	75	1927	1744	1031	190727	1

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	12	84.6	1931	1855	1386	258251	1
1	2	12	77.8	1601	1625	-	403832	1
2	1	12	63.9	1914	-	-	549774	1
3	3	12	79.2	1171	1275	1020	96492	1
4	3	12	98.3	1328	1678	1980	240556	1
5	2	12	75.3	1967	1094	-	386110	1
6	3	12	50	1740	1648	1554	529214	1
7	3	12	52.4	1196	1339	1919	78541	1
8	2	12	99	1002	1086	-	223865	1
9	1	12	88.1	1491	-	-	369246	1
10	2	12	99.5	1216	1631	-	513238	1
11	2	12	61.2	1045	1312	-	60963	1
12	3	12	58	1210	1885	1439	205160	1
13	1	12	75.7	1030	-	-	351636	1
14	3	12	53.9	1838	1479	1042	494144	1
15	3	12	77.1	1219	1207	1525	42994	1
16	3	12	74	1892	1102	1041	187528	1
17	1	12	79.4	1419	-	-	333526	1
18	3	12	70	1046	1814	1908	476022	1
19	2	12	62.1	1476	1398	-	25233	1

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	17	92.5	1965	1337	-	212651	1
1	2	17	78.2	1777	1589	-	393715	1
2	2	17	78.2	1588	1252	-	575202	1
3	2	17	83.2	1373	1968	-	9245	1
4	2	17	59.4	1000	1537	-	190539	1
5	3	17	74.1	1946	1152	1317	370888	1
6	1	17	58.3	1615	-	-	553787	1
7	1	17	65.8	1915	-	-	735000	1
8	3	17	73.1	1146	1071	1556	167931	1
9	3	17	74.6	1859	1405	1376	348509	1
10	1	17	69.1	1509	-	-	531505	1
11	3	17	55.8	1920	1444	1294	710038	1
12	1	17	68	1938	-	-	145996	1
13	2	17	52.2	1893	1580	-	326752	1
14	1	17	60.4	1851	-	-	508912	1
15	1	17	98.7	1080	-	-	691073	1

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	19	60.1	1039	1440	1724	123273	1
1	2	19	53.9	1460	1696	-	304580	1
2	3	19	75.6	1655	1721	1221	484776	1
3	1	19	60.8	1756	-	-	668096	1
4	2	19	68.8	1174	1480	-	101203	1
5	3	19	54.2	1459	1335	1243	281935	1
6	1	19	94.5	1008	-	-	464734	1
7	1	19	97.2	1168	-	-	646251	1
8	1	19	63.9	1739	-	-	78973	1
9	1	19	73.9	1747	-	-	260447	1
10	1	19	76.7	1824	-	-	441877	1
11	3	19	84.9	1230	1557	1863	620978	1
12	1	19	65.4	1835	-	-	56612	1
13	1	19	62.5	1495	-	-	238174	1
14	2	19	79	1226	1540	-	418997	1
15	2	19	74.2	1172	1612	-	600210	1

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	6	89.7	1180	1567	1876	49745	1
1	3	6	66	1951	1162	1792	313122	1
2	2	6	82.5	1547	1796	-	577342	1
3	2	6	56.3	1396	1227	-	841668	1
4	3	6	99.7	1993	1925	1096	17286	1
5	3	6	80.7	1409	1784	1249	280798	1
6	2	6	69.7	1258	1689	-	545050	1
7	3	6	74.1	1049	1789	1782	807671	1
8	1	6	67	1637	-	-	1074072	1
9	2	6	84.2	1668	1701	-	248586	1
10	1	6	79.4	1293	-	-	513327	1

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	10	74.3	1902	1392	1198	567706	1
1	3	10	69	1997	1897	1593	759690	1
2	2	10	93.6	1542	1514	-	158355	1
3	1	10	93.2	1638	-	-	352264	1
4	2	10	55.8	1428	1035	-	545328	1
5	3	10	65.3	1787	1616	1191	736783	1
6	2	10	55.3	1643	1181	-	134585	1
7	1	10	66.9	1735	-	-	328374	1
8	2	10	70.1	1061	1369	-	521523	1
9	2	10	53.7	1645	1304	-	714495	1
10	2	10	59.1	1627	1263	-	110761	1
11	1	10	93.3	1894	-	-	304466	1
12	2	10	88.3	1442	1370	-	497458	1
13	1	10	83.7	1379	-	-	692043	1
14	1	10	81.1	1283	-	-	87123	1

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	9	69.2	1427	1635	-	247119	1
1	1	9	85.5	1125	-	-	418726	1
2	2	9	97.5	1548	1019	-	588446	1
3	2	9	73.4	1530	1608	-	55661	1
4	1	9	50.3	1607	-	-	226591	1
5	2	9	60.6	1178	1105	-	397019	1
6	1	9	95.7	1381	-	-	568392	1
7	3	9	94.9	1712	1663	1524	34580	1
8	1	9	66.2	1581	-	-	205559	1
9	2	9	52	1475	1065	-	375862	1
10	3	9	69.7	1486	1025	1879	545007	1
11	3	9	54	1812	1658	1310	13641	1
12	1	9	99.1	1837	-	-	184451	1
13	1	9	79.4	1890	-	-	355178	1
14	1	9	84.3	1603	-	-	526133	1
15	3	9	51.4	1220	1929	1833	693599	1
16	1	9	93.9	1003	-	-	163612	1

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	12	84.6	1247	-	-	334452	1
1	3	12	74.8	1208	1273	1999	503029	1
2	2	12	70.2	1828	1605	-	674147	1
3	2	12	78.1	1623	1622	-	142101	1
4	2	12	70.4	1218	1853	-	312590	1
5	1	12	80.7	1975	-	-	483797	1
6	3	12	70.9	1633	1131	1112	652749	1
7	1	12	69.6	1725	-	-	121372	1
8	2	12	60	1251	1513	-	291721	1
9	1	12	95.6	1517	-	-	463070	1
10	1	12	58.9	1856	-	-	633595	1
11	1	12	70.4	1351	-	-	100389	1
12	1	12	80.5	1809	-	-	271084	1
13	2	12	72.7	1411	1516	-	441142	1
14	3	12	94.2	1415	1840	1350	610171	1
15	1	12	72.7	1267	-	-	79351	1

16	2	12	68.5	1123	1737	-	249677	1

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	5	61.5	1629	1766	-	356578	1
1	1	5	84.2	1318	-	-	503019	1
2	1	5	76.7	1375	-	-	49531	1
3	3	5	93.6	1667	1272	1245	193803	1
4	1	5	83.8	1865	-	-	339624	1
5	2	5	68.8	1044	1710	-	483970	1
6	2	5	78.6	1117	1718	-	31571	1
7	1	5	74.1	1985	-	-	176653	1
8	1	5	77.3	1014	-	-	322213	1
9	2	5	91.2	1114	1029	-	466604	1
10	2	5	86.1	1055	1346	-	13741	1
11	1	5	61.2	1462	-	-	158927	1
12	2	5	56.3	1500	1918	-	303097	1
13	1	5	87.5	1889	-	-	448935	1
14	1	5	85.8	1753	-	-	594130	1
15	2	5	52.3	1013	1494	-	140799	1
16	2	5	65.3	1523	1880	-	285282	1
17	1	5	58.7	1027	-	-	431688	1
18	3	5	63.5	1237	1761	1382	573728	1
19	3	5	63.4	1319	1621	1261	122601	1

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	13	52.9	1963	1190	1736	595551	1
1	3	13	98.9	1618	1128	1342	918294	1
2	1	13	54.8	1970	-	-	1242655	1
3	3	13	76.5	1157	1416	1716	233780	1
4	1	13	53.7	1236	-	-	557393	1
5	2	13	90.3	1300	1213	-	879625	1
6	2	13	65	1820	1056	-	1202063	1
7	1	13	86.8	1109	-	-	194541	1
8	3	13	74.4	1754	1910	1140	516211	1

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	18	85.7	1780	1757	1095	754385	1
1	1	18	79.3	1467	-	-	1047064	1
2	1	18	75.5	1269	-	-	139236	1
3	2	18	81.4	1858	1212	-	429320	1
4	2	18	80.5	1372	1225	-	719898	1
5	2	18	67.9	1847	1453	-	1009712	1
6	3	18	50	1594	1253	1313	103175	1
7	2	18	74.7	1017	1274	-	393818	1
8	2	18	50.2	1729	1330	-	683862	1
9	3	18	50.7	1099	1292	1214	973713	1

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	13	55.9	1130	-	-	56340	1
1	1	13	91.7	1742	-	-	298415	1
2	1	13	54	1922	-	-	540426	1
3	2	13	93.1	1406	1669	-	781587	1
4	3	13	89.5	1148	1778	1414	26414	1
5	1	13	84.8	1923	-	-	268544	1
6	3	13	58.4	1137	1089	1917	509473	1
7	1	13	53.7	1634	-	-	752892	1
8	1	13	58	1393	-	-	995267	1
9	3	13	73.1	1584	1582	1877	237980	1
10	2	13	68.1	1448	1959	-	480077	1
11	3	13	65.1	1410	1598	1926	720676	1

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	20	64	1751	-	-	642828	1
1	3	20	80.7	1680	1903	1977	138378	1
2	2	20	59.2	1832	1952	-	299520	1
3	3	20	65.6	1722	1674	1730	459358	1
4	3	20	62.6	1979	1765	1962	619259	1
5	3	20	79.4	1811	1546	1846	118692	1
6	2	20	50.1	1053	1437	-	280263	1
7	2	20	89.9	1104	1697	-	441140	1
8	2	20	93.5	1449	1868	-	601680	1
9	1	20	53.8	1324	-	-	99511	1
10	1	20	91.8	1881	-	-	260660	1
11	2	20	99.7	1163	1378	-	421472	1
12	1	20	91.7	1690	-	-	583290	1
13	1	20	61.8	1368	-	-	79629	1
14	2	20	60.5	1034	1250	-	240654	1
15	2	20	79.9	1340	1591	-	401396	1
16	3	20	75.8	1347	1057	1702	561377	1
17	2	20	69.6	1694	1032	-	59632	1

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	14	85.8	1037	-	-	398471	1
1	1	14	77.6	1776	-	-	688832	1
2	1	14	65.1	1309	-	-	979821	1
3	2	14	57.9	1233	1402	-	71771	1
4	3	14	57.5	1924	1843	1994	361224	1
5	2	14	71.8	1334	1422	-	652502	1
6	2	14	98.9	1331	1097	-	943130	1
7	1	14	55.7	1127	-	-	36046	1
8	2	14	65.3	1115	2000	-	326268	1
9	2	14	91.8	1138	1116	-	616994	1

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	5	95.4	1522	1974	-	502459	1
1	2	5	86.6	1078	1928	-	128	1
2	2	5	56.9	1933	1403	-	161006	1
3	2	5	63.7	1572	1355	-	322083	1
4	1	5	56.3	1423	-	-	484156	1
5	1	5	70.5	1990	-	-	644948	1
6	3	5	65.3	1505	1934	1651	140816	1
7	1	5	94.9	1088	-	-	303092	1
8	1	5	72.1	1570	-	-	464179	1
9	3	5	64.9	1704	1425	1652	622467	1
10	2	5	55.2	1332	1861	-	121399	1
11	3	5	70.6	1671	1734	1578	281551	1
12	1	5	74.5	1665	-	-	444247	1
13	1	5	60.4	1389	-	-	605782	1
14	1	5	57.3	1693	-	-	101808	1
15	1	5	52.1	1450	-	-	263181	1
16	3	5	99.9	1004	1711	1271	422899	1
17	3	5	54.4	1900	1745	1364	582719	1

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	13	51.3	1242	-	-	134276	1
1	2	13	77.6	1728	1384	-	397870	1
2	3	13	74.3	1793	1767	1184	660703	1
3	1	13	78.5	1471	-	-	926917	1
4	1	13	77.9	1204	-	-	101726	1
5	2	13	88.5	1507	1314	-	365471	1
6	2	13	87.3	1232	1644	-	629335	1
7	2	13	90.6	1956	1684	-	892590	1
8	3	13	50	1666	1769	1205	68954	1
9	3	13	56.1	1431	1151	1434	332599	1
10	1	13	73.1	1944	-	-	597342	1

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	5	87.4	1844	1552	1058	523858	1
1	1	5	66.7	1677	-	-	22346	1
2	3	5	56.9	1068	1307	1161	183114	1
3	2	5	64	1464	1108	-	344444	1
4	3	5	58.4	1532	1913	1407	503772	1
5	3	5	94.5	1506	1518	1012	2471	1
6	3	5	56.9	1343	1940	1888	162900	1
7	2	5	96.9	1501	1490	-	324400	1
8	3	5	78.1	1738	1515	1353	484181	1
9	1	5	93.4	1774	-	-	647509	1
10	3	5	71.2	1795	1155	1620	143269	1
11	1	5	96.6	1939	-	-	305055	1
12	1	5	65.6	1992	-	-	466236	1
13	2	5	57.7	1077	1421	-	626963	1
14	1	5	60.9	1602	-	-	124043	1
15	1	5	64.3	1891	-	-	285218	1
16	1	5	65.2	1898	-	-	446442	1
17	3	5	53	1429	1187	1731	605431	1

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	16	54.7	1143	1277	1719	98281	1
1	1	16	50.6	1872	-	-	251360	1
2	2	16	55.4	1473	1484	-	403387	1
3	2	16	72	1936	1691	-	555255	1
4	2	16	94.5	1628	1752	-	79633	1
5	1	16	54.3	1202	-	-	232795	1
6	3	16	87.7	1647	1052	1670	383744	1
7	3	16	67.4	1945	1110	1451	535745	1
8	1	16	66.8	1079	-	-	61089	1
9	2	16	58.6	1306	1884	-	213288	1
10	3	16	68.4	1679	1636	1311	364856	1
11	3	16	76.5	1390	1060	1905	517136	1
12	3	16	65.7	1883	1015	1536	42028	1
13	2	16	70.5	1806	1760	-	194399	1

14	3	16	59.2	1998	1685	1182	345995	1
15	1	16	71.7	1815	-	-	500416	1
16	2	16	84.8	1160	1121	-	23372	1
17	2	16	98.3	1262	1054	-	175987	1
18	3	16	98.4	1816	1264	1333	327508	1

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5310.0	9	1.0	333	1	5441.0, 5662.0, 5352.0, 5576.0, 5292.0, 5511.0, 5715.0, 5448.0, 5625.0, 5707.0, 5445.0, 5450.0, 5254.0, 5402.0, 5308.0, 5588.0, 5274.0, 5717.0, 5279.0, 5390.0, 5405.0, 5546.0, 5538.0, 5466.0, 5475.0, 5251.0, 5365.0, 5428.0, 5534.0, 5518.0, 5455.0, 5582.0, 5319.0, 5620.0, 5566.0, 5342.0, 5541.0, 5289.0, 5490.0, 5355.0, 5506.0, 5719.0, 5603.0, 5708.0, 5316.0, 5627.0, 5688.0, 5410.0, 5256.0, 5263.0, 5421.0, 5697.0, 5348.0, 5387.0, 5422.0, 5683.0, 5370.0, 5312.0, 5470.0, 5408.0, 5555.0, 5260.0, 5425.0, 5453.0, 5343.0, 5692.0, 5587.0, 5503.0, 5599.0, 5678.0, 5659.0, 5330.0, 5363.0, 5299.0, 5427.0, 5649.0, 5529.0, 5353.0, 5483.0, 5474.0, 5333.0, 5272.0, 5298.0, 5502.0, 5647.0, 5565.0, 5637.0, 5477.0, 5340.0, 5391.0, 5521.0, 5469.0, 5345.0, 5351.0, 5540.0, 5326.0, 5398.0, 5261.0, 5419.0, 5611.0
2	5310.0	9	1.0	333	1	5592.0, 5555.0, 5667.0, 5537.0, 5295.0, 5307.0, 5597.0, 5688.0, 5554.0, 5656.0, 5654.0, 5461.0, 5635.0, 5626.0, 5481.0, 5410.0, 5421.0, 5523.0, 5632.0, 5518.0, 5516.0, 5287.0, 5401.0, 5494.0, 5538.0, 5558.0, 5439.0, 5590.0, 5620.0, 5390.0, 5456.0, 5280.0, 5581.0, 5710.0, 5646.0, 5662.0, 5469.0, 5545.0, 5660.0, 5615.0, 5488.0, 5650.0, 5578.0, 5290.0, 5485.0, 5299.0, 5672.0, 5318.0, 5501.0, 5588.0, 5394.0, 5640.0, 5651.0, 5395.0, 5458.0, 5353.0, 5407.0, 5375.0, 5605.0, 5565.0, 5610.0, 5325.0, 5412.0, 5362.0, 5292.0, 5600.0, 5448.0, 5409.0, 5445.0, 5275.0, 5529.0, 5399.0, 5419.0, 5361.0, 5350.0, 5517.0, 5437.0, 5430.0, 5531.0, 5666.0, 5372.0, 5500.0, 5378.0, 5317.0, 5690.0, 5556.0, 5659.0, 5302.0, 5562.0, 5670.0, 5723.0, 5406.0, 5349.0, 5316.0, 5521.0, 5704.0, 5585.0, 5717.0, 5702.0, 5489.0
3	5310.0	9	1.0	333	1	5411.0, 5670.0, 5324.0, 5621.0, 5286.0, 5560.0, 5529.0, 5578.0, 5606.0, 5476.0, 5597.0, 5423.0, 5475.0, 5384.0, 5278.0, 5614.0, 5512.0, 5555.0, 5689.0, 5442.0, 5463.0, 5398.0, 5561.0, 5527.0, 5486.0, 5356.0, 5459.0, 5567.0, 5563.0, 5283.0, 5322.0, 5287.0, 5313.0, 5686.0, 5569.0, 5522.0, 5604.0, 5441.0, 5610.0, 5437.0, 5651.0, 5312.0, 5329.0, 5523.0, 5648.0, 5548.0, 5332.0, 5337.0, 5540.0, 5590.0, 5620.0, 5650.0, 5697.0, 5507.0, 5310.0, 5261.0, 5536.0, 5579.0, 5663.0, 5481.0,

						5518.0, 5347.0, 5696.0, 5375.0, 5573.0, 5400.0, 5489.0, 5360.0, 5535.0, 5558.0, 5506.0, 5449.0, 5495.0, 5482.0, 5393.0, 5505.0, 5509.0, 5260.0, 5462.0, 5397.0, 5388.0, 5490.0, 5320.0, 5584.0, 5644.0, 5348.0, 5694.0, 5382.0, 5381.0, 5344.0, 5440.0, 5340.0, 5622.0, 5292.0, 5346.0, 5657.0, 5630.0, 5660.0, 5510.0, 5363.0
4	5310.0	9	1.0	333	1	5704.0, 5302.0, 5465.0, 5291.0, 5610.0, 5535.0, 5489.0, 5669.0, 5296.0, 5363.0, 5547.0, 5648.0, 5529.0, 5703.0, 5478.0, 5712.0, 5699.0, 5450.0, 5525.0, 5692.0, 5723.0, 5721.0, 5341.0, 5265.0, 5720.0, 5722.0, 5488.0, 5643.0, 5286.0, 5254.0, 5446.0, 5413.0, 5448.0, 5618.0, 5702.0, 5305.0, 5436.0, 5520.0, 5280.0, 5395.0, 5507.0, 5646.0, 5371.0, 5570.0, 5357.0, 5361.0, 5285.0, 5406.0, 5472.0, 5276.0, 5377.0, 5504.0, 5262.0, 5697.0, 5467.0, 5299.0, 5639.0, 5532.0, 5461.0, 5303.0, 5339.0, 5654.0, 5451.0, 5307.0, 5571.0, 5453.0, 5673.0, 5368.0, 5458.0, 5582.0, 5595.0, 5675.0, 5370.0, 5343.0, 5554.0, 5310.0, 5362.0, 5463.0, 5266.0, 5345.0, 5429.0, 5330.0, 5606.0, 5533.0, 5592.0, 5711.0, 5382.0, 5541.0, 5349.0, 5264.0, 5611.0, 5414.0, 5689.0, 5534.0, 5652.0, 5707.0, 5314.0, 5661.0, 5666.0, 5564.0
5	5310.0	9	1.0	333	1	5720.0, 5517.0, 5508.0, 5285.0, 5414.0, 5657.0, 5437.0, 5557.0, 5705.0, 5704.0, 5330.0, 5262.0, 5459.0, 5602.0, 5712.0, 5634.0, 5391.0, 5366.0, 5426.0, 5709.0, 5477.0, 5601.0, 5638.0, 5545.0, 5425.0, 5308.0, 5710.0, 5673.0, 5466.0, 5275.0, 5689.0, 5323.0, 5279.0, 5688.0, 5658.0, 5474.0, 5344.0, 5647.0, 5448.0, 5540.0, 5653.0, 5695.0, 5487.0, 5397.0, 5507.0, 5652.0, 5567.0, 5388.0, 5460.0, 5702.0, 5332.0, 5584.0, 5568.0, 5527.0, 5482.0, 5301.0, 5401.0, 5716.0, 5628.0, 5257.0, 5679.0, 5619.0, 5544.0, 5411.0, 5359.0, 5621.0, 5612.0, 5378.0, 5386.0, 5342.0, 5630.0, 5484.0, 5282.0, 5687.0, 5357.0, 5665.0, 5633.0, 5280.0, 5555.0, 5700.0, 5515.0, 5514.0, 5410.0, 5686.0, 5375.0, 5416.0, 5309.0, 5655.0, 5297.0, 5531.0, 5471.0, 5542.0, 5390.0, 5475.0, 5616.0, 5322.0, 5298.0, 5441.0, 5283.0, 5523.0
6	5310.0	9	1.0	333	1	5630.0, 5448.0, 5291.0, 5679.0, 5341.0, 5359.0, 5356.0, 5572.0, 5271.0, 5619.0, 5634.0, 5554.0, 5258.0, 5576.0, 5623.0, 5720.0, 5264.0, 5662.0, 5512.0, 5371.0, 5666.0, 5468.0, 5433.0, 5449.0, 5336.0, 5285.0, 5513.0, 5431.0, 5374.0, 5416.0, 5352.0, 5577.0, 5284.0, 5677.0, 5269.0, 5534.0, 5328.0, 5488.0, 5605.0, 5561.0, 5495.0, 5388.0, 5607.0, 5703.0, 5592.0, 5633.0, 5353.0, 5681.0, 5578.0, 5514.0,

						5358.0, 5711.0, 5421.0, 5555.0, 5516.0, 5642.0, 5724.0, 5349.0, 5287.0, 5597.0, 5331.0, 5612.0, 5525.0, 5620.0, 5626.0, 5484.0, 5585.0, 5391.0, 5693.0, 5298.0, 5616.0, 5567.0, 5688.0, 5676.0, 5405.0, 5663.0, 5641.0, 5545.0, 5519.0, 5613.0, 5707.0, 5338.0, 5302.0, 5712.0, 5263.0, 5552.0, 5648.0, 5308.0, 5348.0, 5529.0, 5627.0, 5522.0, 5606.0, 5256.0, 5251.0, 5655.0, 5570.0, 5340.0, 5579.0, 5639.0
7	5310.0	9	1.0	333	1	5414.0, 5487.0, 5541.0, 5634.0, 5273.0, 5479.0, 5668.0, 5564.0, 5448.0, 5550.0, 5591.0, 5462.0, 5641.0, 5308.0, 5375.0, 5673.0, 5319.0, 5471.0, 5506.0, 5723.0, 5705.0, 5573.0, 5616.0, 5513.0, 5312.0, 5681.0, 5660.0, 5302.0, 5518.0, 5406.0, 5435.0, 5330.0, 5667.0, 5380.0, 5654.0, 5315.0, 5716.0, 5422.0, 5543.0, 5542.0, 5357.0, 5418.0, 5266.0, 5460.0, 5404.0, 5611.0, 5364.0, 5452.0, 5526.0, 5490.0, 5365.0, 5373.0, 5538.0, 5411.0, 5368.0, 5324.0, 5303.0, 5274.0, 5600.0, 5269.0, 5341.0, 5383.0, 5257.0, 5259.0, 5653.0, 5678.0, 5468.0, 5310.0, 5588.0, 5439.0, 5427.0, 5387.0, 5429.0, 5708.0, 5524.0, 5589.0, 5409.0, 5495.0, 5698.0, 5250.0, 5566.0, 5718.0, 5638.0, 5717.0, 5530.0, 5298.0, 5601.0, 5500.0, 5646.0, 5661.0, 5353.0, 5276.0, 5645.0, 5576.0, 5432.0, 5649.0, 5265.0, 5262.0, 5607.0, 5572.0
8	5310.0	9	1.0	333	1	5306.0, 5256.0, 5319.0, 5316.0, 5435.0, 5679.0, 5483.0, 5259.0, 5503.0, 5291.0, 5310.0, 5501.0, 5574.0, 5468.0, 5255.0, 5488.0, 5647.0, 5378.0, 5250.0, 5314.0, 5398.0, 5417.0, 5641.0, 5353.0, 5497.0, 5699.0, 5384.0, 5613.0, 5343.0, 5619.0, 5644.0, 5289.0, 5547.0, 5526.0, 5359.0, 5684.0, 5325.0, 5445.0, 5400.0, 5471.0, 5421.0, 5636.0, 5632.0, 5550.0, 5479.0, 5438.0, 5522.0, 5379.0, 5275.0, 5517.0, 5586.0, 5532.0, 5577.0, 5546.0, 5648.0, 5505.0, 5454.0, 5481.0, 5450.0, 5336.0, 5439.0, 5596.0, 5698.0, 5463.0, 5382.0, 5346.0, 5476.0, 5357.0, 5414.0, 5354.0, 5692.0, 5724.0, 5579.0, 5621.0, 5674.0, 5686.0, 5423.0, 5714.0, 5524.0, 5282.0, 5361.0, 5643.0, 5587.0, 5405.0, 5337.0, 5669.0, 5453.0, 5528.0, 5590.0, 5520.0, 5556.0, 5369.0, 5465.0, 5402.0, 5432.0, 5660.0, 5466.0, 5536.0, 5413.0, 5622.0
9	5310.0	9	1.0	333	1	5690.0, 5309.0, 5527.0, 5496.0, 5314.0, 5407.0, 5638.0, 5498.0, 5434.0, 5674.0, 5610.0, 5427.0, 5370.0, 5429.0, 5574.0, 5712.0, 5702.0, 5494.0, 5577.0, 5643.0, 5616.0, 5633.0, 5432.0, 5423.0, 5695.0, 5516.0, 5663.0, 5469.0, 5478.0, 5521.0, 5569.0, 5657.0, 5468.0, 5687.0, 5295.0, 5368.0, 5304.0, 5603.0, 5274.0, 5299.0, 5359.0, 5349.0, 5276.0, 5573.0, 5339.0,

						5301.0, 5333.0, 5362.0, 5254.0, 5486.0, 5583.0, 5453.0, 5592.0, 5606.0, 5586.0, 5441.0, 5626.0, 5347.0, 5332.0, 5497.0, 5672.0, 5285.0, 5660.0, 5258.0, 5392.0, 5568.0, 5426.0, 5639.0, 5661.0, 5328.0, 5551.0, 5452.0, 5536.0, 5273.0, 5646.0, 5461.0, 5594.0, 5705.0, 5394.0, 5538.0, 5390.0, 5417.0, 5528.0, 5532.0, 5570.0, 5415.0, 5632.0, 5259.0, 5308.0, 5360.0, 5701.0, 5386.0, 5581.0, 5512.0, 5447.0, 5422.0, 5699.0, 5419.0, 5297.0, 5514.0
10	5310.0	9	1.0	333	1	5509.0, 5538.0, 5501.0, 5282.0, 5338.0, 5378.0, 5668.0, 5487.0, 5477.0, 5391.0, 5710.0, 5371.0, 5631.0, 5416.0, 5437.0, 5261.0, 5320.0, 5268.0, 5383.0, 5559.0, 5565.0, 5544.0, 5583.0, 5632.0, 5602.0, 5591.0, 5444.0, 5265.0, 5461.0, 5494.0, 5613.0, 5643.0, 5419.0, 5480.0, 5372.0, 5310.0, 5492.0, 5512.0, 5640.0, 5719.0, 5435.0, 5581.0, 5400.0, 5539.0, 5696.0, 5291.0, 5254.0, 5669.0, 5318.0, 5360.0, 5321.0, 5534.0, 5424.0, 5408.0, 5347.0, 5491.0, 5368.0, 5511.0, 5472.0, 5427.0, 5527.0, 5327.0, 5367.0, 5567.0, 5380.0, 5628.0, 5589.0, 5659.0, 5681.0, 5285.0, 5506.0, 5575.0, 5610.0, 5622.0, 5507.0, 5436.0, 5463.0, 5677.0, 5382.0, 5274.0, 5357.0, 5692.0, 5521.0, 5522.0, 5460.0, 5441.0, 5594.0, 5381.0, 5271.0, 5519.0, 5596.0, 5442.0, 5679.0, 5569.0, 5689.0, 5270.0, 5389.0, 5355.0, 5684.0, 5651.0
11	5310.0	9	1.0	333	1	5404.0, 5344.0, 5647.0, 5311.0, 5652.0, 5296.0, 5287.0, 5568.0, 5680.0, 5449.0, 5400.0, 5509.0, 5365.0, 5524.0, 5383.0, 5607.0, 5606.0, 5300.0, 5706.0, 5355.0, 5387.0, 5306.0, 5572.0, 5378.0, 5646.0, 5385.0, 5605.0, 5438.0, 5533.0, 5391.0, 5695.0, 5402.0, 5426.0, 5562.0, 5656.0, 5690.0, 5252.0, 5278.0, 5697.0, 5595.0, 5262.0, 5326.0, 5403.0, 5596.0, 5627.0, 5376.0, 5388.0, 5667.0, 5419.0, 5401.0, 5390.0, 5662.0, 5582.0, 5637.0, 5325.0, 5336.0, 5265.0, 5337.0, 5413.0, 5555.0, 5586.0, 5722.0, 5620.0, 5283.0, 5670.0, 5302.0, 5710.0, 5373.0, 5723.0, 5599.0, 5671.0, 5285.0, 5484.0, 5594.0, 5453.0, 5282.0, 5602.0, 5527.0, 5280.0, 5362.0, 5674.0, 5685.0, 5488.0, 5507.0, 5457.0, 5370.0, 5654.0, 5712.0, 5611.0, 5469.0, 5267.0, 5698.0, 5601.0, 5494.0, 5617.0, 5696.0, 5279.0, 5381.0, 5513.0, 5260.0
12	5310.0	9	1.0	333	1	5668.0, 5334.0, 5325.0, 5434.0, 5364.0, 5569.0, 5440.0, 5524.0, 5645.0, 5564.0, 5383.0, 5497.0, 5617.0, 5559.0, 5269.0, 5444.0, 5309.0, 5469.0, 5552.0, 5597.0, 5370.0, 5631.0, 5389.0, 5278.0, 5317.0, 5630.0, 5453.0, 5412.0, 5496.0, 5560.0,

						5315.0, 5541.0, 5557.0, 5674.0, 5402.0, 5577.0, 5653.0, 5292.0, 5456.0, 5378.0, 5262.0, 5290.0, 5396.0, 5616.0, 5700.0, 5345.0, 5511.0, 5416.0, 5319.0, 5280.0, 5693.0, 5718.0, 5639.0, 5380.0, 5332.0, 5390.0, 5558.0, 5427.0, 5672.0, 5531.0, 5721.0, 5508.0, 5706.0, 5411.0, 5573.0, 5326.0, 5465.0, 5274.0, 5349.0, 5460.0, 5423.0, 5526.0, 5304.0, 5318.0, 5375.0, 5347.0, 5698.0, 5642.0, 5583.0, 5615.0, 5342.0, 5625.0, 5307.0, 5425.0, 5671.0, 5413.0, 5441.0, 5433.0, 5667.0, 5543.0, 5454.0, 5259.0, 5328.0, 5660.0, 5340.0, 5457.0, 5428.0, 5288.0, 5529.0, 5587.0
13	5310.0	9	1.0	333	1	5532.0, 5288.0, 5329.0, 5699.0, 5493.0, 5321.0, 5696.0, 5537.0, 5411.0, 5351.0, 5585.0, 5622.0, 5490.0, 5390.0, 5301.0, 5666.0, 5459.0, 5293.0, 5258.0, 5697.0, 5610.0, 5587.0, 5449.0, 5282.0, 5531.0, 5637.0, 5279.0, 5495.0, 5480.0, 5557.0, 5675.0, 5510.0, 5407.0, 5460.0, 5345.0, 5446.0, 5566.0, 5645.0, 5590.0, 5384.0, 5306.0, 5267.0, 5497.0, 5270.0, 5348.0, 5642.0, 5415.0, 5595.0, 5356.0, 5402.0, 5618.0, 5594.0, 5695.0, 5355.0, 5374.0, 5484.0, 5385.0, 5518.0, 5583.0, 5544.0, 5710.0, 5269.0, 5685.0, 5688.0, 5598.0, 5540.0, 5298.0, 5394.0, 5558.0, 5442.0, 5655.0, 5662.0, 5676.0, 5524.0, 5528.0, 5418.0, 5409.0, 5506.0, 5252.0, 5500.0, 5405.0, 5296.0, 5373.0, 5334.0, 5494.0, 5268.0, 5700.0, 5568.0, 5297.0, 5492.0, 5462.0, 5366.0, 5320.0, 5631.0, 5420.0, 5289.0, 5439.0, 5582.0, 5530.0, 5643.0
14	5310.0	9	1.0	333	0	-
15	5310.0	9	1.0	333	1	5673.0, 5575.0, 5538.0, 5580.0, 5327.0, 5569.0, 5448.0, 5375.0, 5377.0, 5452.0, 5495.0, 5521.0, 5520.0, 5613.0, 5404.0, 5316.0, 5431.0, 5340.0, 5358.0, 5707.0, 5318.0, 5417.0, 5416.0, 5273.0, 5294.0, 5672.0, 5447.0, 5477.0, 5473.0, 5468.0, 5676.0, 5345.0, 5304.0, 5354.0, 5513.0, 5370.0, 5517.0, 5305.0, 5325.0, 5644.0, 5653.0, 5320.0, 5453.0, 5402.0, 5307.0, 5585.0, 5628.0, 5553.0, 5425.0, 5430.0, 5562.0, 5331.0, 5608.0, 5326.0, 5563.0, 5605.0, 5432.0, 5299.0, 5546.0, 5303.0, 5298.0, 5348.0, 5601.0, 5502.0, 5454.0, 5365.0, 5544.0, 5682.0, 5637.0, 5440.0, 5706.0, 5548.0, 5504.0, 5324.0, 5295.0, 5276.0, 5309.0, 5279.0, 5455.0, 5381.0, 5278.0, 5290.0, 5650.0, 5376.0, 5253.0, 5694.0, 5419.0, 5614.0, 5510.0, 5266.0, 5594.0, 5723.0, 5461.0, 5508.0, 5361.0, 5550.0, 5494.0, 5330.0, 5506.0, 5418.0
16	5310.0	9	1.0	333	1	5380.0, 5632.0, 5261.0, 5535.0, 5334.0, 5623.0, 5487.0, 5480.0, 5429.0, 5468.0, 5646.0, 5440.0, 5272.0, 5507.0, 5721.0,

						5584.0, 5446.0, 5310.0, 5578.0, 5315.0, 5701.0, 5618.0, 5573.0, 5516.0, 5610.0, 5509.0, 5707.0, 5271.0, 5302.0, 5460.0, 5671.0, 5284.0, 5281.0, 5338.0, 5542.0, 5329.0, 5385.0, 5426.0, 5451.0, 5527.0, 5257.0, 5695.0, 5464.0, 5273.0, 5370.0, 5404.0, 5473.0, 5514.0, 5587.0, 5454.0, 5539.0, 5665.0, 5409.0, 5324.0, 5474.0, 5588.0, 5717.0, 5685.0, 5569.0, 5295.0, 5694.0, 5613.0, 5252.0, 5417.0, 5615.0, 5373.0, 5636.0, 5711.0, 5412.0, 5677.0, 5294.0, 5622.0, 5575.0, 5452.0, 5304.0, 5405.0, 5687.0, 5599.0, 5394.0, 5589.0, 5382.0, 5562.0, 5600.0, 5708.0, 5469.0, 5430.0, 5680.0, 5605.0, 5504.0, 5359.0, 5486.0, 5586.0, 5441.0, 5561.0, 5525.0, 5648.0, 5286.0, 5296.0, 5703.0, 5472.0
17	5310.0	9	1.0	333	1	5569.0, 5324.0, 5619.0, 5359.0, 5436.0, 5273.0, 5642.0, 5477.0, 5583.0, 5460.0, 5517.0, 5665.0, 5370.0, 5497.0, 5415.0, 5469.0, 5519.0, 5653.0, 5385.0, 5711.0, 5391.0, 5544.0, 5317.0, 5315.0, 5337.0, 5269.0, 5722.0, 5483.0, 5313.0, 5278.0, 5539.0, 5667.0, 5606.0, 5266.0, 5571.0, 5338.0, 5582.0, 5489.0, 5657.0, 5357.0, 5262.0, 5646.0, 5367.0, 5506.0, 5345.0, 5283.0, 5482.0, 5639.0, 5459.0, 5326.0, 5257.0, 5378.0, 5523.0, 5596.0, 5374.0, 5327.0, 5410.0, 5629.0, 5554.0, 5534.0, 5713.0, 5579.0, 5630.0, 5470.0, 5253.0, 5676.0, 5468.0, 5414.0, 5692.0, 5573.0, 5584.0, 5333.0, 5285.0, 5605.0, 5600.0, 5352.0, 5464.0, 5323.0, 5643.0, 5373.0, 5586.0, 5372.0, 5442.0, 5696.0, 5594.0, 5291.0, 5550.0, 5401.0, 5633.0, 5508.0, 5301.0, 5585.0, 5296.0, 5612.0, 5540.0, 5322.0, 5604.0, 5403.0, 5254.0, 5688.0
18	5310.0	9	1.0	333	1	5587.0, 5586.0, 5485.0, 5379.0, 5535.0, 5327.0, 5332.0, 5330.0, 5541.0, 5343.0, 5309.0, 5473.0, 5380.0, 5519.0, 5521.0, 5702.0, 5265.0, 5289.0, 5627.0, 5653.0, 5348.0, 5394.0, 5335.0, 5292.0, 5721.0, 5612.0, 5324.0, 5477.0, 5352.0, 5476.0, 5553.0, 5444.0, 5683.0, 5551.0, 5660.0, 5381.0, 5596.0, 5530.0, 5323.0, 5354.0, 5691.0, 5480.0, 5367.0, 5479.0, 5437.0, 5355.0, 5452.0, 5272.0, 5503.0, 5346.0, 5363.0, 5617.0, 5301.0, 5652.0, 5496.0, 5376.0, 5467.0, 5374.0, 5358.0, 5427.0, 5291.0, 5341.0, 5559.0, 5260.0, 5682.0, 5704.0, 5306.0, 5604.0, 5591.0, 5447.0, 5588.0, 5271.0, 5714.0, 5411.0, 5542.0, 5620.0, 5590.0, 5578.0, 5386.0, 5668.0, 5648.0, 5642.0, 5520.0, 5631.0, 5478.0, 5440.0, 5435.0, 5677.0, 5500.0, 5399.0, 5545.0, 5538.0, 5338.0, 5600.0, 5391.0, 5293.0, 5670.0, 5357.0, 5657.0, 5566.0
19	5310.0	9	1.0	333	1	5611.0, 5299.0, 5385.0, 5342.0, 5275.0,

						5449.0, 5250.0, 5505.0, 5400.0, 5445.0, 5474.0, 5546.0, 5462.0, 5482.0, 5592.0, 5415.0, 5428.0, 5629.0, 5512.0, 5658.0, 5337.0, 5442.0, 5371.0, 5356.0, 5284.0, 5659.0, 5437.0, 5363.0, 5640.0, 5701.0, 5520.0, 5536.0, 5529.0, 5374.0, 5713.0, 5545.0, 5541.0, 5595.0, 5502.0, 5364.0, 5401.0, 5554.0, 5351.0, 5665.0, 5581.0, 5352.0, 5531.0, 5547.0, 5560.0, 5616.0, 5656.0, 5417.0, 5711.0, 5571.0, 5260.0, 5372.0, 5318.0, 5404.0, 5591.0, 5646.0, 5686.0, 5533.0, 5289.0, 5261.0, 5522.0, 5597.0, 5619.0, 5604.0, 5565.0, 5661.0, 5353.0, 5503.0, 5519.0, 5688.0, 5419.0, 5319.0, 5344.0, 5598.0, 5705.0, 5596.0, 5544.0, 5584.0, 5269.0, 5607.0, 5423.0, 5492.0, 5507.0, 5586.0, 5251.0, 5336.0, 5327.0, 5464.0, 5390.0, 5499.0, 5657.0, 5626.0, 5331.0, 5451.0, 5435.0, 5376.0
20	5310.0	9	1.0	333	1	-
21	5310.0	9	1.0	333	1	5458.0, 5390.0, 5710.0, 5424.0, 5384.0, 5261.0, 5430.0, 5443.0, 5673.0, 5436.0, 5401.0, 5488.0, 5306.0, 5566.0, 5660.0, 5271.0, 5630.0, 5291.0, 5252.0, 5285.0, 5723.0, 5664.0, 5272.0, 5337.0, 5605.0, 5323.0, 5614.0, 5662.0, 5352.0, 5721.0, 5647.0, 5601.0, 5524.0, 5675.0, 5277.0, 5612.0, 5589.0, 5431.0, 5715.0, 5713.0, 5533.0, 5389.0, 5543.0, 5695.0, 5694.0, 5289.0, 5434.0, 5340.0, 5556.0, 5503.0, 5604.0, 5550.0, 5298.0, 5558.0, 5253.0, 5472.0, 5421.0, 5308.0, 5687.0, 5410.0, 5588.0, 5453.0, 5447.0, 5598.0, 5462.0, 5412.0, 5369.0, 5276.0, 5682.0, 5595.0, 5428.0, 5367.0, 5416.0, 5325.0, 5470.0, 5521.0, 5484.0, 5581.0, 5547.0, 5398.0, 5374.0, 5301.0, 5652.0, 5572.0, 5686.0, 5557.0, 5500.0, 5548.0, 5437.0, 5279.0, 5711.0, 5359.0, 5402.0, 5336.0, 5392.0, 5280.0, 5355.0, 5519.0, 5717.0, 5396.0
22	5310.0	9	1.0	333	1	5624.0, 5359.0, 5371.0, 5623.0, 5314.0, 5697.0, 5490.0, 5657.0, 5566.0, 5661.0, 5495.0, 5436.0, 5286.0, 5334.0, 5320.0, 5567.0, 5405.0, 5459.0, 5412.0, 5302.0, 5333.0, 5321.0, 5292.0, 5642.0, 5634.0, 5531.0, 5564.0, 5521.0, 5710.0, 5350.0, 5367.0, 5384.0, 5254.0, 5631.0, 5679.0, 5318.0, 5476.0, 5574.0, 5628.0, 5576.0, 5443.0, 5723.0, 5339.0, 5404.0, 5498.0, 5475.0, 5345.0, 5501.0, 5524.0, 5596.0, 5398.0, 5440.0, 5588.0, 5402.0, 5573.0, 5722.0, 5559.0, 5549.0, 5387.0, 5597.0, 5553.0, 5513.0, 5677.0, 5438.0, 5365.0, 5646.0, 5649.0, 5514.0, 5526.0, 5529.0, 5568.0, 5613.0, 5528.0, 5654.0, 5399.0, 5650.0, 5273.0, 5644.0, 5257.0, 5263.0, 5299.0, 5525.0, 5614.0, 5455.0, 5639.0, 5397.0, 5721.0, 5346.0, 5329.0, 5705.0,

						5324.0, 5260.0, 5659.0, 5582.0, 5284.0, 5652.0, 5319.0, 5283.0, 5648.0, 5474.0
23	5310.0	9	1.0	333	1	5695.0, 5656.0, 5429.0, 5603.0, 5714.0, 5324.0, 5628.0, 5460.0, 5287.0, 5614.0, 5375.0, 5365.0, 5638.0, 5386.0, 5578.0, 5653.0, 5453.0, 5521.0, 5289.0, 5520.0, 5528.0, 5268.0, 5315.0, 5525.0, 5277.0, 5615.0, 5508.0, 5643.0, 5532.0, 5493.0, 5269.0, 5580.0, 5304.0, 5344.0, 5448.0, 5449.0, 5598.0, 5574.0, 5698.0, 5497.0, 5515.0, 5557.0, 5636.0, 5309.0, 5492.0, 5558.0, 5358.0, 5486.0, 5630.0, 5524.0, 5596.0, 5686.0, 5659.0, 5543.0, 5270.0, 5291.0, 5282.0, 5326.0, 5408.0, 5541.0, 5359.0, 5352.0, 5496.0, 5377.0, 5684.0, 5500.0, 5484.0, 5655.0, 5398.0, 5339.0, 5625.0, 5327.0, 5526.0, 5688.0, 5319.0, 5476.0, 5676.0, 5446.0, 5505.0, 5691.0, 5519.0, 5401.0, 5380.0, 5454.0, 5481.0, 5495.0, 5441.0, 5652.0, 5611.0, 5627.0, 5635.0, 5707.0, 5400.0, 5418.0, 5354.0, 5259.0, 5415.0, 5649.0, 5665.0, 5474.0
24	5310.0	9	1.0	333	1	5378.0, 5427.0, 5715.0, 5318.0, 5401.0, 5438.0, 5623.0, 5522.0, 5299.0, 5441.0, 5540.0, 5425.0, 5569.0, 5703.0, 5460.0, 5255.0, 5586.0, 5256.0, 5358.0, 5363.0, 5642.0, 5462.0, 5340.0, 5620.0, 5624.0, 5484.0, 5535.0, 5706.0, 5296.0, 5424.0, 5450.0, 5666.0, 5556.0, 5444.0, 5482.0, 5273.0, 5718.0, 5452.0, 5459.0, 5555.0, 5643.0, 5594.0, 5677.0, 5541.0, 5421.0, 5365.0, 5458.0, 5265.0, 5544.0, 5640.0, 5591.0, 5661.0, 5576.0, 5520.0, 5269.0, 5353.0, 5477.0, 5513.0, 5432.0, 5403.0, 5650.0, 5357.0, 5445.0, 5709.0, 5614.0, 5524.0, 5349.0, 5704.0, 5418.0, 5408.0, 5635.0, 5470.0, 5313.0, 5551.0, 5308.0, 5710.0, 5514.0, 5251.0, 5567.0, 5307.0, 5722.0, 5613.0, 5502.0, 5277.0, 5534.0, 5674.0, 5717.0, 5645.0, 5672.0, 5720.0, 5585.0, 5325.0, 5696.0, 5590.0, 5469.0, 5373.0, 5646.0, 5346.0, 5523.0, 5400.0
25	5310.0	9	1.0	333	1	5510.0, 5458.0, 5346.0, 5364.0, 5664.0, 5536.0, 5527.0, 5468.0, 5369.0, 5612.0, 5376.0, 5296.0, 5412.0, 5470.0, 5385.0, 5539.0, 5267.0, 5638.0, 5622.0, 5424.0, 5415.0, 5381.0, 5575.0, 5269.0, 5404.0, 5395.0, 5673.0, 5320.0, 5363.0, 5383.0, 5697.0, 5256.0, 5703.0, 5512.0, 5569.0, 5292.0, 5389.0, 5564.0, 5534.0, 5436.0, 5268.0, 5693.0, 5698.0, 5448.0, 5441.0, 5553.0, 5450.0, 5621.0, 5529.0, 5481.0, 5324.0, 5549.0, 5429.0, 5313.0, 5500.0, 5341.0, 5672.0, 5479.0, 5606.0, 5340.0, 5407.0, 5273.0, 5628.0, 5488.0, 5484.0, 5600.0, 5683.0, 5577.0, 5325.0, 5579.0, 5511.0, 5308.0, 5557.0, 5282.0, 5409.0, 5473.0, 5688.0, 5624.0, 5265.0, 5566.0,

						5661.0, 5384.0, 5289.0, 5495.0, 5692.0, 5643.0, 5554.0, 5690.0, 5678.0, 5631.0, 5514.0, 5377.0, 5562.0, 5607.0, 5541.0, 5709.0, 5556.0, 5627.0, 5601.0, 5604.0
26	5310.0	9	1.0	333	1	5412.0, 5679.0, 5644.0, 5342.0, 5586.0, 5570.0, 5549.0, 5375.0, 5575.0, 5278.0, 5653.0, 5458.0, 5514.0, 5568.0, 5700.0, 5352.0, 5397.0, 5642.0, 5668.0, 5462.0, 5620.0, 5353.0, 5340.0, 5400.0, 5385.0, 5706.0, 5309.0, 5600.0, 5451.0, 5299.0, 5482.0, 5540.0, 5314.0, 5662.0, 5569.0, 5596.0, 5567.0, 5438.0, 5315.0, 5535.0, 5691.0, 5460.0, 5430.0, 5703.0, 5537.0, 5281.0, 5469.0, 5526.0, 5287.0, 5701.0, 5532.0, 5306.0, 5472.0, 5268.0, 5320.0, 5500.0, 5664.0, 5608.0, 5578.0, 5254.0, 5282.0, 5466.0, 5710.0, 5311.0, 5566.0, 5517.0, 5323.0, 5637.0, 5573.0, 5529.0, 5471.0, 5621.0, 5497.0, 5614.0, 5536.0, 5442.0, 5459.0, 5613.0, 5388.0, 5318.0, 5304.0, 5555.0, 5618.0, 5404.0, 5503.0, 5696.0, 5386.0, 5358.0, 5310.0, 5449.0, 5667.0, 5366.0, 5657.0, 5617.0, 5280.0, 5678.0, 5556.0, 5629.0, 5548.0, 5498.0
27	5310.0	9	1.0	333	1	5282.0, 5263.0, 5491.0, 5677.0, 5474.0, 5554.0, 5678.0, 5669.0, 5321.0, 5582.0, 5310.0, 5278.0, 5344.0, 5276.0, 5637.0, 5638.0, 5399.0, 5658.0, 5393.0, 5385.0, 5591.0, 5291.0, 5396.0, 5671.0, 5313.0, 5273.0, 5563.0, 5424.0, 5320.0, 5527.0, 5418.0, 5503.0, 5668.0, 5509.0, 5281.0, 5621.0, 5354.0, 5531.0, 5623.0, 5431.0, 5270.0, 5391.0, 5689.0, 5512.0, 5549.0, 5608.0, 5417.0, 5625.0, 5634.0, 5504.0, 5620.0, 5429.0, 5470.0, 5697.0, 5375.0, 5302.0, 5370.0, 5525.0, 5251.0, 5618.0, 5640.0, 5613.0, 5718.0, 5318.0, 5624.0, 5571.0, 5694.0, 5300.0, 5324.0, 5487.0, 5433.0, 5626.0, 5414.0, 5675.0, 5455.0, 5345.0, 5334.0, 5641.0, 5342.0, 5619.0, 5632.0, 5274.0, 5595.0, 5394.0, 5478.0, 5466.0, 5693.0, 5453.0, 5446.0, 5538.0, 5500.0, 5448.0, 5356.0, 5482.0, 5719.0, 5701.0, 5315.0, 5329.0, 5409.0, 5265.0
28	5310.0	9	1.0	333	1	5582.0, 5318.0, 5693.0, 5433.0, 5370.0, 5678.0, 5312.0, 5443.0, 5373.0, 5525.0, 5636.0, 5493.0, 5432.0, 5324.0, 5402.0, 5575.0, 5611.0, 5452.0, 5328.0, 5565.0, 5252.0, 5534.0, 5698.0, 5410.0, 5480.0, 5342.0, 5349.0, 5586.0, 5274.0, 5360.0, 5682.0, 5699.0, 5718.0, 5708.0, 5588.0, 5604.0, 5689.0, 5669.0, 5613.0, 5265.0, 5400.0, 5622.0, 5333.0, 5683.0, 5558.0, 5305.0, 5282.0, 5618.0, 5724.0, 5574.0, 5631.0, 5273.0, 5378.0, 5703.0, 5343.0, 5568.0, 5634.0, 5501.0, 5600.0, 5639.0,

						5441.0, 5409.0, 5645.0, 5374.0, 5691.0, 5580.0, 5440.0, 5503.0, 5297.0, 5677.0, 5522.0, 5417.0, 5414.0, 5723.0, 5419.0, 5654.0, 5595.0, 5612.0, 5266.0, 5381.0, 5430.0, 5454.0, 5474.0, 5623.0, 5389.0, 5526.0, 5359.0, 5635.0, 5494.0, 5498.0, 5638.0, 5310.0, 5661.0, 5655.0, 5713.0, 5345.0, 5619.0, 5353.0, 5257.0, 5547.0
29	5310.0	9	1.0	333	1	5366.0, 5639.0, 5668.0, 5363.0, 5496.0, 5530.0, 5651.0, 5485.0, 5658.0, 5662.0, 5521.0, 5483.0, 5488.0, 5446.0, 5645.0, 5371.0, 5575.0, 5450.0, 5336.0, 5414.0, 5302.0, 5260.0, 5323.0, 5692.0, 5479.0, 5390.0, 5300.0, 5374.0, 5358.0, 5403.0, 5355.0, 5701.0, 5274.0, 5415.0, 5259.0, 5703.0, 5399.0, 5422.0, 5451.0, 5408.0, 5482.0, 5314.0, 5273.0, 5644.0, 5600.0, 5542.0, 5398.0, 5529.0, 5324.0, 5360.0, 5630.0, 5456.0, 5601.0, 5356.0, 5640.0, 5487.0, 5320.0, 5541.0, 5677.0, 5335.0, 5721.0, 5391.0, 5430.0, 5275.0, 5463.0, 5264.0, 5277.0, 5276.0, 5698.0, 5673.0, 5384.0, 5256.0, 5634.0, 5484.0, 5589.0, 5695.0, 5497.0, 5402.0, 5706.0, 5467.0, 5420.0, 5513.0, 5417.0, 5333.0, 5624.0, 5585.0, 5553.0, 5493.0, 5436.0, 5710.0, 5458.0, 5538.0, 5638.0, 5364.0, 5623.0, 5615.0, 5653.0, 5528.0, 5471.0, 5627.0
30	5310.0	9	1.0	333	1	5305.0, 5622.0, 5493.0, 5548.0, 5524.0, 5266.0, 5374.0, 5577.0, 5313.0, 5296.0, 5325.0, 5530.0, 5595.0, 5314.0, 5413.0, 5431.0, 5657.0, 5724.0, 5407.0, 5419.0, 5406.0, 5251.0, 5355.0, 5639.0, 5551.0, 5676.0, 5410.0, 5583.0, 5432.0, 5278.0, 5616.0, 5354.0, 5315.0, 5519.0, 5376.0, 5664.0, 5585.0, 5480.0, 5253.0, 5417.0, 5327.0, 5380.0, 5261.0, 5302.0, 5263.0, 5522.0, 5520.0, 5326.0, 5433.0, 5341.0, 5536.0, 5702.0, 5721.0, 5451.0, 5550.0, 5507.0, 5526.0, 5515.0, 5298.0, 5316.0, 5351.0, 5592.0, 5553.0, 5686.0, 5513.0, 5256.0, 5640.0, 5649.0, 5720.0, 5425.0, 5580.0, 5626.0, 5653.0, 5481.0, 5339.0, 5474.0, 5461.0, 5462.0, 5572.0, 5476.0, 5424.0, 5644.0, 5396.0, 5511.0, 5397.0, 5506.0, 5295.0, 5452.0, 5566.0, 5466.0, 5454.0, 5405.0, 5722.0, 5705.0, 5672.0, 5504.0, 5437.0, 5308.0, 5477.0, 5492.0

Wlan0

5290 MHz, 80 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	76.7 %	60%	Pass
Type 3	30	86.7 %	60%	Pass
Type 4	30	90 %	60%	Pass
Aggregate (Type1 to 4)	120	88.33 %	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	93.3 %	70%	Pass

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	57	1.0	938	1
2	78	1.0	678	1
3	83	1.0	638	1
4	59	1.0	898	1
5	102	1.0	518	1
6	58	1.0	918	1
7	18	1.0	3066	1
8	89	1.0	598	1
9	92	1.0	578	1
10	62	1.0	858	1
11	68	1.0	778	1
12	76	1.0	698	1
13	67	1.0	798	1
14	63	1.0	838	1
15	70	1.0	758	1
16	19	1.0	2907	1
17	20	1.0	2715	1
18	72	1.0	743	1
19	93	1.0	568	1
20	29	1.0	1855	1
21	27	1.0	2003	1
22	75	1.0	706	1
23	22	1.0	2501	1
24	28	1.0	1934	1
25	35	1.0	1546	1
26	37	1.0	1438	1
27	22	1.0	2490	1
28	41	1.0	1300	1
29	52	1.0	1015	1
30	81	1.0	656	1
Detection Percentage: 100 % (>60%)				

Table-2 Radar Type 2 Statistical Performance

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	28	1.2	174	1
2	25	1.5	186	1
3	27	4.8	200	1
4	27	1.9	215	0
5	23	3.8	222	1
6	26	4.4	169	1
7	26	2.7	227	1
8	27	1.5	226	1
9	24	1.1	209	0
10	27	4.6	191	1
11	24	3.8	188	1
12	29	1.5	187	1
13	23	2.7	185	1
14	29	2.4	159	1
15	24	1.6	228	1
16	24	3.7	188	1
17	27	3.5	188	1
18	26	4.9	161	0
19	25	4.9	170	1
20	24	2.6	177	1
21	24	2.2	179	1
22	24	1.6	151	1
23	25	3.2	159	1
24	23	1.9	161	0
25	27	2.0	223	0
26	28	4.9	191	1
27	25	3.8	216	1
28	28	1.5	191	0
29	29	2.2	153	0
30	25	2.2	167	1
Detection Percentage: 76.7 % (>60%)				

Table-3 Radar Type 3 Statistical Performance

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	16	8.5	257	1
2	18	9.8	443	1
3	18	6.0	214	1
4	17	6.0	256	0
5	18	6.6	280	1
6	16	8.5	498	1
7	18	8.3	340	1
8	17	6.0	247	1
9	18	8.5	268	1
10	18	9.0	402	1
11	17	9.0	222	1
12	18	6.1	240	1
13	18	8.7	248	1
14	18	6.5	426	1
15	17	9.1	418	1
16	16	6.7	263	1
17	17	8.2	490	0
18	18	9.0	450	0
19	17	9.6	319	1
20	16	8.6	499	1
21	17	10.0	450	1
22	16	9.2	276	1
23	18	7.6	239	1
24	17	6.1	490	1
25	17	8.3	325	1
26	18	6.1	402	1
27	17	9.1	378	1
28	16	8.2	300	1
29	18	8.1	225	1
30	16	6.9	347	0
Detection Percentage: 86.7 % (>60%)				

Table-4 Radar Type 4 Statistical Performance

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	13	16.2	324	1
2	15	17.8	241	1
3	13	17.0	309	0
4	16	11.6	485	1
5	12	15.7	464	0
6	15	18.7	291	1
7	14	18.3	333	0
8	16	14.6	406	1
9	12	19.0	304	1
10	16	16.8	369	1
11	16	19.8	357	1
12	13	12.9	215	1
13	13	13.0	299	1
14	13	15.8	301	1
15	14	11.1	402	1
16	13	11.9	412	1
17	16	12.9	252	1
18	15	13.1	417	1
19	15	13.3	214	1
20	15	16.9	429	1
21	16	11.6	297	1
22	15	17.8	306	1
23	15	19.4	410	1
24	13	12.9	437	1
25	13	12.7	278	1
26	14	17.8	369	1
27	16	15.9	371	1
28	14	11.8	414	1
29	16	17.4	241	1
30	12	17.1	266	1
Detection Percentage: 90.0 % (>60%)				

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (GHz)	Detection (1:yes; 0:no)
1	5.29	1
2	5.29	1
3	5.29	1
4	5.29	1
5	5.29	1
6	5.29	1
7	5.29	1
8	5.29	1
9	5.29	1
10	5.29	1
11	5.257	1
12	5.255	1
13	5.258	1
14	5.253	1
15	5.256	1
16	5.255	1
17	5.258	1
18	5.258	1
19	5.252	1
20	5.253	1
21	5.327	1
22	5.327	1
23	5.322	1
24	5.324	1
25	5.323	1
26	5.322	1
27	5.328	1
28	5.328	1
29	5.324	1
30	5.325	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	15	76.3	1563	-	-	486230	1
1	1	15	62.5	1164	-	-	750706	1
2	2	15	58.1	1841	1509	-	1012967	1
3	3	15	69.4	1488	1421	1480	188994	1
4	2	15	60.6	1076	1205	-	453387	1
5	2	15	88.6	1053	1966	-	716928	1
6	2	15	51.1	1381	1219	-	981153	1
7	3	15	78.8	1992	1538	1737	156408	1
8	1	15	56.5	1283	-	-	421251	1
9	2	15	84.7	1774	1801	-	684078	1
10	1	15	66.3	1412	-	-	949676	1

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	5	73.9	1950	-	-	152038	1
1	1	5	75	1814	-	-	474989	1
2	3	5	95.2	1542	1935	1183	796219	1
3	3	5	52.5	1129	1693	1779	1118514	1
4	2	5	93.2	1625	1839	-	112136	1
5	1	5	72	1749	-	-	435232	1
6	2	5	85.2	1856	1279	-	757394	1
7	3	5	75.4	1952	1454	1554	1078527	1
8	3	5	91.8	1529	1977	1630	72316	1

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	14	78.3	1584	1510	1864	253080	1
1	1	14	86.6	1298	-	-	461737	1
2	1	14	98.9	1644	-	-	669035	1
3	2	14	53.7	1729	1823	-	20975	1
4	3	14	93.5	1804	1070	1451	227791	1
5	1	14	50.5	1402	-	-	436116	1
6	3	14	58.2	1910	1786	1559	640762	1
7	1	14	79.1	1086	-	-	851518	1
8	3	14	65.9	1483	1751	1624	202187	1
9	3	14	52.3	1159	1326	1359	409380	1
10	2	14	99.3	1730	1956	-	616446	1
11	3	14	56.2	1453	1368	1306	823010	1
12	3	14	64.1	1363	1102	1522	176906	1
13	1	14	65.8	1237	-	-	385061	1

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	12	71.4	1208	1308	1144	459078	1
1	3	12	93.8	1470	1904	1339	618894	1
2	3	12	96.2	1769	1151	1206	117589	1
3	1	12	98.4	1362	-	-	279437	1
4	2	12	74.9	1327	1876	-	439574	1
5	2	12	84.6	1328	1476	-	600846	1
6	1	12	97.8	1182	-	-	98230	1
7	3	12	81.6	1965	1550	1193	258256	1
8	3	12	57.9	1469	1958	1932	418390	1
9	2	12	88.2	1623	1271	-	580935	1
10	2	12	94	1107	1809	-	78145	1
11	3	12	71	1411	1338	1619	238602	1
12	3	12	67.4	1721	1535	1534	398976	1
13	2	12	79.5	1467	1194	-	561302	1
14	1	12	61.5	1602	-	-	58431	1
15	2	12	78.4	1642	1342	-	219274	1
16	2	12	61.1	1437	1984	-	379988	1
17	1	12	82.8	1726	-	-	542228	1

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	20	90.4	1955	1285	-	43300	1
1	3	20	85.4	1881	1230	1439	224019	1
2	2	20	75	1596	1815	-	405433	1
3	1	20	89.7	1911	-	-	587682	1
4	3	20	63.7	1835	1307	1587	20949	1
5	1	20	54.4	1659	-	-	202532	1
6	3	20	76	1126	1348	1181	383004	1
7	2	20	60.1	1090	1589	-	564753	1
8	2	20	80.3	1896	1045	-	745741	1
9	1	20	72.1	1863	-	-	180126	1
10	1	20	62.9	1282	-	-	361854	1
11	1	20	54.2	1323	-	-	543412	1
12	1	20	85.5	1009	-	-	725294	1
13	1	20	60.1	1325	-	-	157890	1
14	2	20	59.7	1976	1459	-	338510	1
15	1	20	59.2	1923	-	-	520628	1

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	17	73.8	1940	1239	1253	862136	1
1	3	17	58.8	1930	1746	1997	166066	1
2	3	17	97.1	1806	1812	1482	388808	1
3	1	17	73.7	1954	-	-	613542	1
4	1	17	60.3	1160	-	-	837665	1
5	1	17	90.8	1862	-	-	139236	1
6	2	17	94	1196	1981	-	362142	1
7	3	17	96.7	1089	1216	1145	585073	1
8	2	17	78.7	1913	1366	-	808261	1
9	3	17	60.6	1493	1514	1018	111453	1
10	3	17	59.7	1201	1859	1273	334240	1
11	1	17	72.4	1607	-	-	558717	1
12	2	17	83.2	1153	1983	-	780904	1

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	10	78.8	1861	-	-	91225	1
1	1	10	67.5	1850	-	-	333308	1
2	2	10	87.5	1919	1140	-	574694	1
3	2	10	91.2	1420	1000	-	817007	1
4	2	10	66.4	1346	1071	-	61372	1
5	2	10	65.8	1785	1084	-	303180	1
6	1	10	78.8	1565	-	-	545728	1
7	2	10	90.9	1643	1703	-	786474	1
8	3	10	81.7	1675	1892	1173	31496	1
9	3	10	80.1	1831	1557	1870	272736	1
10	3	10	91.7	2000	1994	1163	514044	1
11	1	10	72.4	1233	-	-	758304	1

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	6	64.7	1724	-	-	1060	1
1	3	6	54.3	1199	1912	1754	145394	1
2	1	6	75.6	1093	-	-	291569	1
3	3	6	68.7	1945	1477	1882	433751	1
4	2	6	53.6	1871	1671	-	579696	1
5	1	6	52.7	1583	-	-	128318	1
6	1	6	83.9	1873	-	-	273321	1
7	1	6	61.3	1317	-	-	418774	1
8	2	6	58.2	1528	1220	-	562625	1
9	2	6	55.7	1719	1378	-	110161	1
10	2	6	52.7	1874	1030	-	255012	1
11	2	6	81.3	1302	1104	-	400160	1
12	1	6	87.5	1394	-	-	546018	1
13	1	6	72.5	1020	-	-	92651	1
14	1	6	99.7	1349	-	-	237791	1
15	1	6	91.4	1586	-	-	382831	1
16	2	6	78.3	1427	1813	-	526506	1
17	3	6	60.9	1803	1391	1732	74269	1
18	1	6	53	1415	-	-	219883	1
19	1	6	94.8	1929	-	-	364745	1

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	13	53.5	1866	1504	1146	1132685	1
1	3	13	77	1708	1227	1631	126142	1
2	1	13	51.5	1121	-	-	449572	1
3	3	13	54.6	1848	1707	1005	770681	1
4	2	13	75.4	1074	1133	-	1094886	1
5	3	13	63	1063	1263	1836	86472	1
6	3	13	69	1373	1741	1500	408699	1
7	3	13	94.4	1414	1449	1595	731041	1
8	2	13	81	1999	1370	-	1054199	1

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	15	68.3	1179	1049	1807	26245	1
1	1	15	92.1	1043	-	-	207996	1
2	1	15	78.8	1767	-	-	389265	1
3	1	15	55.3	1731	-	-	570763	1
4	1	15	51.3	1728	-	-	3972	1
5	1	15	95.6	1388	-	-	185536	1
6	1	15	86.4	1475	-	-	367055	1
7	1	15	68.4	1503	-	-	548576	1
8	1	15	77.9	1664	-	-	729953	1
9	3	15	75	1315	1539	1597	162504	1
10	2	15	57.9	1765	1750	-	343754	1
11	3	15	75.8	1933	1740	1128	523896	1
12	3	15	61.1	1149	1295	1441	705497	1
13	1	15	74.9	1943	-	-	140703	1
14	3	15	73	1964	1819	1800	320563	1
15	3	15	64.8	1922	1621	1215	501663	1

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	17	56.2	1562	1660	1448	1369253	1
1	1	17	53.7	1900	-	-	237025	1
2	1	17	94	1418	-	-	600555	1
3	1	17	66.1	1752	-	-	963793	1
4	3	17	87.4	1134	1056	1487	1325461	1
5	1	17	62.5	1838	-	-	192278	1
6	1	17	70.8	1051	-	-	555922	1
7	3	17	77	1512	1604	1401	917337	1

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	12	97	1894	1778	-	930607	1
1	1	12	68.8	1312	-	-	107291	1
2	1	12	87.7	1634	-	-	371443	1
3	2	12	52.8	1158	1622	-	634958	1
4	1	12	71	1171	-	-	900193	1
5	1	12	93.4	1635	-	-	74718	1
6	2	12	90.7	1456	1549	-	338475	1
7	2	12	83.7	1461	1650	-	602267	1
8	1	12	89.6	1276	-	-	867554	1
9	2	12	80.4	1340	1069	-	42147	1
10	3	12	89.9	1887	1998	1755	305233	1

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	20	63.7	1517	-	-	522988	1
1	2	20	74	1758	1109	-	764118	1
2	2	20	76	1613	1161	-	8821	1
3	1	20	86.1	1309	-	-	251048	1
4	3	20	77	1884	1753	1288	491476	1
5	3	20	63.2	1290	1242	1041	733808	1
6	1	20	73	1008	-	-	977984	1
7	2	20	50.4	1031	1770	-	220882	1
8	3	20	85.9	1419	1845	1452	461846	1
9	3	20	95.1	1115	1581	1781	703403	1
10	1	20	68.9	1962	-	-	947235	1
11	3	20	92.5	1680	1072	1156	190879	1

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	7	52	1105	1996	1903	258323	1
1	2	7	78.5	1062	1022	-	404605	1
2	1	7	89.8	1177	-	-	550452	1
3	3	7	69.2	1413	1408	1834	96300	1
4	3	7	59.2	1585	1594	1046	240863	1
5	2	7	75	1967	1987	-	385533	1
6	3	7	78.2	1351	1247	1032	530381	1
7	3	7	93.6	1175	1946	1300	78545	1
8	2	7	55.8	1576	1825	-	223373	1
9	1	7	71.2	2000	-	-	368932	1
10	2	7	51.7	1991	1530	-	512658	1
11	2	7	58.4	1777	1986	-	60820	1
12	3	7	82.5	1672	1292	1709	205112	1
13	1	7	57.8	1354	-	-	351446	1
14	3	7	83.6	1200	1222	1026	494899	1
15	3	7	97.5	1450	1424	1007	42999	1
16	3	7	84.6	1689	1100	1068	187584	1
17	1	7	84.4	1662	-	-	333390	1
18	3	7	74.2	1485	1853	1959	475599	1
19	2	7	86.3	1575	1536	-	25223	1

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	16	80.7	1048	1229	-	212943	1
1	2	16	85.1	1457	1609	-	393873	1
2	2	16	59.3	1267	1793	-	575033	1
3	2	16	90.9	1688	1039	-	9253	1
4	2	16	80.2	1901	1443	-	190333	1
5	3	16	67.6	1190	1035	1261	371350	1
6	1	16	67	1329	-	-	553999	1
7	1	16	52.9	1561	-	-	735347	1
8	3	16	64.4	1386	1968	1668	167650	1
9	3	16	62.1	1521	1350	1980	348410	1
10	1	16	84.9	1474	-	-	531530	1
11	3	16	82	1433	1699	1915	709667	1
12	1	16	78	1516	-	-	146078	1
13	2	16	76.3	1860	1599	-	326759	1
14	1	16	85.6	1921	-	-	508864	1
15	1	16	74.3	1422	-	-	690757	1

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	12	81.2	1040	1268	1939	123266	1
1	2	12	74.2	1513	1520	-	304630	1
2	3	12	81.4	1398	1465	1697	484800	1
3	1	12	58.7	1759	-	-	668093	1
4	2	12	61.4	1544	1651	-	101130	1
5	3	12	86.8	1733	1951	1601	281464	1
6	1	12	84.1	1648	-	-	464337	1
7	1	12	92.5	1434	-	-	646021	1
8	1	12	72.2	1223	-	-	79028	1
9	1	12	67.5	1727	-	-	260454	1
10	1	12	53.5	1564	-	-	442030	1
11	3	12	69.1	1334	1191	1574	621437	1
12	1	12	79.6	1810	-	-	56614	1
13	1	12	75.6	1682	-	-	238114	1
14	2	12	65.9	1852	1207	-	418833	1
15	2	12	51.5	1432	1654	-	599968	1

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	19	70.8	1842	1691	1344	49733	1
1	3	19	82.7	1064	1444	1364	313420	1
2	2	19	61.7	1436	1275	-	577677	1
3	2	19	67	1148	1527	-	841628	1
4	3	19	69.2	1341	1567	1694	17293	1
5	3	19	99	1113	1499	1897	280781	1
6	2	19	89	1169	1445	-	545217	1
7	3	19	91.7	1627	1225	1645	807763	1
8	1	19	58	1523	-	-	1074184	1
9	2	19	75.2	1798	1661	-	248565	1
10	1	19	79.2	1185	-	-	513378	1

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	20	93.7	1492	1582	1501	567646	1
1	3	20	86.4	1615	1938	1811	759808	1
2	2	20	69.7	1847	1430	-	158311	1
3	1	20	80.5	1131	-	-	352488	1
4	2	20	56.2	1616	1948	-	544575	1
5	3	20	72.3	1927	1396	1390	736672	1
6	2	20	59.3	1286	1678	-	134562	1
7	1	20	66.2	1137	-	-	328620	1
8	2	20	60.3	1877	1234	-	521079	1
9	2	20	52.9	1458	1365	-	714607	1
10	2	20	65.5	1816	1255	-	110736	1
11	1	20	74.9	1620	-	-	304570	1
12	2	20	94	1092	1067	-	497866	1
13	1	20	51	1568	-	-	691879	1
14	1	20	66.9	1099	-	-	87143	1

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	6	68.6	1405	1652	-	247121	1
1	1	6	62.7	1685	-	-	418394	1
2	2	6	64.1	1665	1446	-	587991	1
3	2	6	98	1989	1546	-	55629	1
4	1	6	73.3	1168	-	-	226732	1
5	2	6	88.8	1002	1117	-	397111	1
6	1	6	96.3	1111	-	-	568609	1
7	3	6	83.4	1294	1670	1034	34624	1
8	1	6	61.1	1235	-	-	205660	1
9	2	6	95.4	1805	1029	-	375705	1
10	3	6	64.6	1082	1494	1683	545109	1
11	3	6	68.6	1663	1592	1303	13645	1
12	1	6	55.1	1712	-	-	184484	1
13	1	6	82.3	1006	-	-	355624	1
14	1	6	85.3	1162	-	-	526462	1
15	3	6	89.8	1472	1676	1883	693550	1
16	1	6	50.6	1297	-	-	163544	1

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	8	86.2	1464	-	-	334349	1
1	3	8	57.6	1647	1743	1428	502787	1
2	2	8	90.4	1139	1553	-	674858	1
3	2	8	56	1763	1768	-	142043	1
4	2	8	52.4	1435	1547	-	312630	1
5	1	8	87.1	1969	-	-	483801	1
6	3	8	97.4	1324	1686	1367	652284	1
7	1	8	96.9	1355	-	-	121436	1
8	2	8	70.3	1605	1431	-	291608	1
9	1	8	59.3	1548	-	-	463049	1
10	1	8	55.5	1840	-	-	633610	1
11	1	8	98.6	1817	-	-	100323	1
12	1	8	55.2	1245	-	-	271301	1
13	2	8	57.8	1395	1037	-	441453	1
14	3	8	67.8	1843	1336	1580	610037	1
15	1	8	65.9	1570	-	-	79317	1

16	2	8	52.2	1214	1157	-	249850	1

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	8	80.3	1061	1879	-	356850	1
1	1	8	76.2	1038	-	-	503254	1
2	1	8	77.5	1112	-	-	49553	1
3	3	8	60.1	1657	1272	1540	193710	1
4	1	8	51.9	1165	-	-	340021	1
5	2	8	90.4	1925	1291	-	483596	1
6	2	8	97.5	1802	1361	-	31553	1
7	1	8	53	1636	-	-	176756	1
8	1	8	58.6	1269	-	-	322076	1
9	2	8	85.1	1114	1669	-	466105	1
10	2	8	91.6	1788	1833	-	13713	1
11	1	8	53.6	1382	-	-	158948	1
12	2	8	54.1	1978	1004	-	303319	1
13	1	8	84	1116	-	-	449515	1
14	1	8	75.1	1473	-	-	594408	1
15	2	8	63.2	1610	1066	-	140760	1
16	2	8	64.9	1204	1124	-	285796	1
17	1	8	88.7	1108	-	-	431629	1
18	3	8	86.3	1455	1858	1379	573427	1
19	3	8	60.7	1632	1761	1178	122525	1

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	7	60.8	1578	1551	1314	595751	1
1	3	7	66.1	1491	1289	1808	917949	1
2	1	7	75.7	1166	-	-	1243405	1
3	3	7	66.7	1195	1677	1122	233832	1
4	1	7	51	1744	-	-	557181	1
5	2	7	53	1119	1277	-	879702	1
6	2	7	79.5	1321	1197	-	1202386	1
7	1	7	90.7	1081	-	-	194545	1
8	3	7	84.8	1231	1127	1136	516720	1

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	20	55.9	1953	1905	1371	754008	1
1	1	20	87.6	1265	-	-	1047240	1
2	1	20	96.8	1757	-	-	139179	1
3	2	20	52.6	1087	1572	-	429467	1
4	2	20	52.8	1013	1132	-	720169	1
5	2	20	51.9	1224	1320	-	1010350	1
6	3	20	59	1531	1909	1706	103090	1
7	2	20	62.2	1209	1387	-	393718	1
8	2	20	90.5	1828	1783	-	683546	1
9	3	20	84.2	1974	1345	1147	973012	1

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	16	67.2	1248	-	-	56334	1
1	1	16	92.9	1447	-	-	298503	1
2	1	16	53	1003	-	-	540924	1
3	2	16	93.9	1713	1101	-	781792	1
4	3	16	51.9	1710	1641	1934	26389	1
5	1	16	55.7	1973	-	-	268530	1
6	3	16	93.2	1762	1281	1868	509080	1
7	1	16	66.1	1914	-	-	752680	1
8	1	16	75.4	1995	-	-	994667	1
9	3	16	80.4	1886	1060	1611	238097	1
10	2	16	85.4	1264	1316	-	480475	1
11	3	16	90.3	1888	1406	1718	720620	1

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	17	69.1	1970	-	-	642617	1
1	3	17	81.5	1260	1410	1717	138624	1
2	2	17	55.2	1735	1844	-	299612	1
3	3	17	91.5	1782	1243	1789	459574	1
4	3	17	64.2	1598	1463	1971	619890	1
5	3	17	50.5	1573	1667	1714	118737	1
6	2	17	60.8	1212	1246	-	280276	1
7	2	17	59	1878	1019	-	441076	1
8	2	17	99	1626	1931	-	601462	1
9	1	17	60.9	1189	-	-	99532	1
10	1	17	56.7	1429	-	-	260837	1
11	2	17	68.3	1944	1606	-	420832	1
12	1	17	52.6	1633	-	-	583340	1
13	1	17	97.6	1471	-	-	79617	1
14	2	17	94.9	1284	1296	-	240546	1
15	2	17	50.9	1849	1184	-	401334	1
16	3	17	51.3	1332	1392	1705	561104	1
17	2	17	82.1	1244	1360	-	59643	1

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	19	66	1417	-	-	398345	1
1	1	19	50.9	1318	-	-	689096	1
2	1	19	74.5	1322	-	-	979810	1
3	2	19	54.4	1274	1902	-	71738	1
4	3	19	69.1	1532	1211	1690	361626	1
5	2	19	67.8	1015	1141	-	652829	1
6	2	19	57.7	1484	1824	-	942437	1
7	1	19	72.2	1096	-	-	36047	1
8	2	19	73.7	1640	1217	-	326339	1
9	2	19	60.9	1775	1221	-	616612	1

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	5	57.9	1537	1319	-	502944	1
1	2	5	86.9	1880	1088	-	128	1
2	2	5	54	1739	1036	-	161142	1
3	2	5	60.3	1515	1673	-	321957	1
4	1	5	99.4	1103	-	-	484389	1
5	1	5	65.6	1278	-	-	645639	1
6	3	5	68.4	1571	1262	1266	141027	1
7	1	5	65.3	1508	-	-	302901	1
8	1	5	97.5	1525	-	-	464211	1
9	3	5	61.4	1251	1666	1106	623179	1
10	2	5	87.7	1704	1125	-	121466	1
11	3	5	58.5	1821	1742	1347	281582	1
12	1	5	51.4	1250	-	-	444524	1
13	1	5	81.4	1947	-	-	605274	1
14	1	5	85.3	1854	-	-	101783	1
15	1	5	56.3	1818	-	-	263036	1
16	3	5	86.1	1526	1080	1797	422633	1
17	3	5	84.8	1875	1305	1867	582685	1

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	6	91.2	1524	-	-	134241	1
1	2	6	54.3	1120	1957	-	397883	1
2	3	6	60.9	1462	1389	1399	661003	1
3	1	6	92.3	1790	-	-	926646	1
4	1	6	64.8	1249	-	-	101722	1
5	2	6	93.4	1936	1638	-	365218	1
6	2	6	64.4	1560	1617	-	629161	1
7	2	6	84.5	1906	1738	-	892587	1
8	3	6	65.8	1658	1313	1920	68938	1
9	3	6	64.6	1614	1898	1692	332236	1
10	1	6	62.4	1028	-	-	597844	1

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	16	87.5	1722	1982	1552	523224	1
1	1	16	83.7	1628	-	-	22348	1
2	3	16	92	1238	1791	1343	182883	1
3	2	16	76.8	1397	1784	-	344128	1
4	3	16	99.9	1335	1851	1409	503968	1
5	3	16	51.1	1123	1097	1972	2470	1
6	3	16	62	1893	1352	1993	162884	1
7	2	16	56.8	1143	1990	-	324330	1
8	3	16	96.5	1608	1656	1044	484399	1
9	1	16	68.9	1152	-	-	648115	1
10	3	16	87.1	1375	1094	1310	143440	1
11	1	16	79.2	1637	-	-	305194	1
12	1	16	79.6	1794	-	-	466375	1
13	2	16	53.5	1890	1979	-	625668	1
14	1	16	89.9	1135	-	-	124130	1
15	1	16	94.4	1377	-	-	285438	1
16	1	16	57.5	1403	-	-	446775	1
17	3	16	99.6	1481	1869	1590	604889	1

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	13	93.1	1293	1301	1846	98234	1
1	1	13	69.2	1226	-	-	251617	1
2	2	13	62.7	1380	1715	-	403299	1
3	2	13	81.7	1098	1702	-	555986	1
4	2	13	73	1311	1021	-	79765	1
5	1	13	81.1	1486	-	-	232690	1
6	3	13	69.4	1167	1210	1240	384204	1
7	3	13	50	1180	1653	1331	536037	1
8	1	13	65.6	1407	-	-	61057	1
9	2	13	72	1961	1600	-	213162	1
10	3	13	60.7	1907	1985	1228	364569	1
11	3	13	96	1150	1505	1639	517186	1
12	3	13	64.9	1618	1192	1498	42036	1
13	2	13	99.8	1820	1011	-	194626	1

14	3	13	53.8	1110	1130	1490	346621	1
15	1	13	52.8	1052	-	-	501022	1
16	2	13	59.9	1330	1176	-	23364	1
17	2	13	77.7	1569	1198	-	175861	1
18	3	13	95.8	1747	1154	1720	327399	1

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5290.0	9	1.0	333	1	5298.0, 5438.0, 5392.0, 5304.0, 5495.0, 5676.0, 5394.0, 5617.0, 5398.0, 5573.0, 5529.0, 5624.0, 5354.0, 5691.0, 5411.0, 5559.0, 5342.0, 5611.0, 5604.0, 5365.0, 5577.0, 5686.0, 5430.0, 5420.0, 5404.0, 5623.0, 5697.0, 5269.0, 5368.0, 5432.0, 5608.0, 5583.0, 5720.0, 5272.0, 5414.0, 5358.0, 5682.0, 5372.0, 5602.0, 5456.0, 5595.0, 5578.0, 5555.0, 5479.0, 5468.0, 5717.0, 5586.0, 5678.0, 5667.0, 5460.0, 5530.0, 5475.0, 5721.0, 5296.0, 5649.0, 5370.0, 5434.0, 5527.0, 5421.0, 5385.0, 5589.0, 5631.0, 5319.0, 5504.0, 5345.0, 5516.0, 5534.0, 5502.0, 5316.0, 5340.0, 5554.0, 5569.0, 5257.0, 5627.0, 5270.0, 5363.0, 5533.0, 5278.0, 5606.0, 5708.0, 5644.0, 5503.0, 5347.0, 5455.0, 5322.0, 5361.0, 5596.0, 5324.0, 5357.0, 5575.0, 5466.0, 5492.0, 5367.0, 5408.0, 5497.0, 5478.0, 5359.0, 5260.0, 5474.0, 5511.0
2	5290.0	9	1.0	333	1	5684.0, 5345.0, 5535.0, 5520.0, 5539.0, 5659.0, 5370.0, 5593.0, 5675.0, 5352.0, 5475.0, 5283.0, 5297.0, 5341.0, 5625.0, 5600.0, 5257.0, 5324.0, 5703.0, 5682.0, 5295.0, 5469.0, 5723.0, 5278.0, 5325.0, 5611.0, 5388.0, 5405.0, 5486.0, 5457.0, 5472.0, 5502.0, 5265.0, 5310.0, 5277.0, 5272.0, 5647.0, 5623.0, 5610.0, 5458.0, 5468.0, 5355.0, 5677.0, 5495.0, 5298.0, 5314.0, 5662.0, 5447.0, 5706.0, 5690.0, 5656.0, 5711.0, 5532.0, 5498.0, 5323.0, 5436.0, 5499.0, 5574.0, 5280.0, 5474.0, 5652.0, 5678.0, 5317.0, 5311.0, 5419.0, 5462.0, 5383.0, 5318.0, 5357.0, 5346.0, 5377.0, 5714.0, 5273.0, 5425.0, 5528.0, 5362.0, 5252.0, 5375.0, 5382.0, 5266.0, 5364.0, 5446.0, 5602.0, 5565.0, 5615.0, 5718.0, 5634.0, 5653.0, 5538.0, 5452.0, 5674.0, 5371.0, 5485.0, 5426.0, 5254.0, 5710.0, 5466.0, 5650.0, 5603.0, 5427.0
3	5290.0	9	1.0	333	1	5376.0, 5368.0, 5663.0, 5291.0, 5681.0, 5340.0, 5444.0, 5271.0, 5636.0, 5680.0, 5344.0, 5649.0, 5285.0, 5630.0, 5550.0, 5722.0, 5468.0, 5332.0, 5423.0, 5549.0, 5358.0, 5274.0, 5378.0, 5487.0, 5515.0, 5643.0, 5574.0, 5255.0, 5273.0, 5483.0, 5354.0, 5592.0, 5396.0, 5708.0, 5524.0, 5417.0, 5543.0, 5262.0, 5445.0, 5607.0, 5395.0, 5584.0, 5594.0, 5639.0, 5508.0, 5432.0, 5632.0, 5465.0, 5662.0, 5398.0, 5284.0, 5558.0, 5619.0, 5608.0, 5450.0,

						5600.0, 5448.0, 5642.0, 5511.0, 5691.0, 5251.0, 5313.0, 5481.0, 5460.0, 5587.0, 5683.0, 5321.0, 5625.0, 5265.0, 5324.0, 5461.0, 5443.0, 5523.0, 5393.0, 5660.0, 5531.0, 5442.0, 5318.0, 5406.0, 5686.0, 5333.0, 5388.0, 5622.0, 5526.0, 5429.0, 5424.0, 5397.0, 5493.0, 5614.0, 5568.0, 5512.0, 5414.0, 5721.0, 5254.0, 5365.0, 5593.0, 5299.0, 5470.0, 5338.0, 5653.0
4	5290.0	9	1.0	333	0	-
5	5290.0	9	1.0	333	1	5607.0, 5285.0, 5476.0, 5364.0, 5612.0, 5338.0, 5721.0, 5634.0, 5706.0, 5382.0, 5632.0, 5308.0, 5466.0, 5695.0, 5620.0, 5284.0, 5647.0, 5616.0, 5477.0, 5440.0, 5301.0, 5646.0, 5375.0, 5257.0, 5366.0, 5321.0, 5504.0, 5674.0, 5377.0, 5553.0, 5447.0, 5454.0, 5526.0, 5404.0, 5320.0, 5536.0, 5551.0, 5412.0, 5298.0, 5529.0, 5283.0, 5518.0, 5459.0, 5696.0, 5517.0, 5661.0, 5335.0, 5354.0, 5697.0, 5558.0, 5413.0, 5287.0, 5300.0, 5315.0, 5414.0, 5304.0, 5443.0, 5499.0, 5723.0, 5426.0, 5570.0, 5326.0, 5350.0, 5258.0, 5640.0, 5394.0, 5488.0, 5605.0, 5559.0, 5415.0, 5609.0, 5368.0, 5388.0, 5472.0, 5318.0, 5371.0, 5294.0, 5699.0, 5692.0, 5407.0, 5289.0, 5687.0, 5311.0, 5485.0, 5544.0, 5312.0, 5713.0, 5427.0, 5487.0, 5710.0, 5502.0, 5471.0, 5522.0, 5261.0, 5669.0, 5712.0, 5296.0, 5271.0, 5508.0, 5334.0
6	5290.0	9	1.0	333	1	5703.0, 5697.0, 5424.0, 5466.0, 5700.0, 5654.0, 5332.0, 5665.0, 5306.0, 5644.0, 5364.0, 5602.0, 5699.0, 5352.0, 5584.0, 5684.0, 5509.0, 5372.0, 5541.0, 5586.0, 5675.0, 5594.0, 5685.0, 5369.0, 5580.0, 5497.0, 5543.0, 5619.0, 5548.0, 5664.0, 5711.0, 5257.0, 5608.0, 5428.0, 5400.0, 5319.0, 5296.0, 5623.0, 5445.0, 5696.0, 5482.0, 5459.0, 5383.0, 5261.0, 5360.0, 5667.0, 5527.0, 5440.0, 5253.0, 5420.0, 5275.0, 5609.0, 5413.0, 5616.0, 5347.0, 5483.0, 5680.0, 5419.0, 5624.0, 5325.0, 5265.0, 5432.0, 5570.0, 5251.0, 5510.0, 5692.0, 5504.0, 5467.0, 5356.0, 5423.0, 5712.0, 5481.0, 5592.0, 5358.0, 5708.0, 5404.0, 5485.0, 5280.0, 5533.0, 5361.0, 5349.0, 5562.0, 5605.0, 5348.0, 5565.0, 5591.0, 5645.0, 5276.0, 5702.0, 5657.0, 5326.0, 5553.0, 5309.0, 5547.0, 5452.0, 5328.0, 5264.0, 5568.0, 5660.0, 5721.0
7	5290.0	9	1.0	333	1	5537.0, 5522.0, 5657.0, 5648.0, 5539.0, 5624.0, 5264.0, 5615.0, 5547.0, 5629.0, 5363.0, 5345.0, 5450.0, 5598.0, 5521.0, 5424.0, 5412.0, 5544.0, 5427.0, 5552.0, 5278.0, 5422.0, 5446.0, 5268.0, 5373.0,

						5428.0, 5448.0, 5509.0, 5329.0, 5512.0, 5393.0, 5593.0, 5523.0, 5711.0, 5251.0, 5413.0, 5670.0, 5372.0, 5358.0, 5678.0, 5661.0, 5686.0, 5252.0, 5406.0, 5338.0, 5426.0, 5398.0, 5317.0, 5497.0, 5356.0, 5515.0, 5510.0, 5583.0, 5283.0, 5253.0, 5668.0, 5592.0, 5671.0, 5682.0, 5464.0, 5527.0, 5277.0, 5340.0, 5403.0, 5619.0, 5551.0, 5673.0, 5390.0, 5534.0, 5696.0, 5471.0, 5319.0, 5503.0, 5293.0, 5597.0, 5271.0, 5692.0, 5535.0, 5532.0, 5276.0, 5496.0, 5514.0, 5674.0, 5331.0, 5542.0, 5325.0, 5411.0, 5529.0, 5697.0, 5607.0, 5599.0, 5395.0, 5311.0, 5421.0, 5480.0, 5267.0, 5536.0, 5699.0, 5320.0, 5672.0
8	5290.0	9	1.0	333	0	-
9	5290.0	9	1.0	333	1	5438.0, 5432.0, 5596.0, 5684.0, 5528.0, 5701.0, 5509.0, 5440.0, 5576.0, 5593.0, 5442.0, 5649.0, 5591.0, 5672.0, 5255.0, 5354.0, 5637.0, 5547.0, 5266.0, 5445.0, 5483.0, 5636.0, 5631.0, 5463.0, 5566.0, 5555.0, 5492.0, 5638.0, 5513.0, 5469.0, 5465.0, 5320.0, 5297.0, 5306.0, 5468.0, 5480.0, 5612.0, 5427.0, 5573.0, 5311.0, 5719.0, 5351.0, 5459.0, 5487.0, 5659.0, 5333.0, 5412.0, 5574.0, 5413.0, 5699.0, 5299.0, 5646.0, 5582.0, 5330.0, 5519.0, 5561.0, 5558.0, 5254.0, 5329.0, 5584.0, 5344.0, 5657.0, 5265.0, 5641.0, 5434.0, 5386.0, 5271.0, 5421.0, 5270.0, 5321.0, 5484.0, 5517.0, 5462.0, 5373.0, 5260.0, 5712.0, 5314.0, 5710.0, 5585.0, 5356.0, 5477.0, 5353.0, 5371.0, 5288.0, 5343.0, 5488.0, 5666.0, 5375.0, 5717.0, 5340.0, 5581.0, 5336.0, 5436.0, 5600.0, 5264.0, 5619.0, 5667.0, 5292.0, 5594.0, 5569.0
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11	5290.0	9	1.0	333	1	5611.0, 5276.0, 5380.0, 5529.0, 5619.0, 5431.0, 5326.0, 5268.0, 5426.0, 5645.0, 5433.0, 5567.0, 5314.0, 5526.0, 5651.0, 5565.0, 5630.0, 5421.0, 5600.0, 5298.0, 5681.0, 5701.0, 5345.0, 5559.0, 5384.0, 5254.0, 5699.0, 5487.0, 5640.0, 5270.0, 5344.0, 5307.0, 5456.0, 5409.0, 5709.0, 5683.0, 5381.0, 5613.0, 5581.0, 5534.0, 5256.0, 5694.0, 5250.0, 5385.0, 5579.0, 5503.0, 5331.0, 5717.0, 5682.0, 5639.0, 5275.0, 5397.0, 5704.0, 5379.0, 5370.0, 5261.0, 5495.0, 5604.0, 5602.0, 5274.0, 5271.0, 5251.0, 5543.0, 5685.0, 5614.0, 5485.0, 5674.0, 5535.0, 5516.0, 5282.0, 5446.0, 5286.0, 5496.0, 5383.0, 5625.0, 5423.0, 5593.0, 5586.0, 5289.0, 5550.0, 5408.0, 5502.0, 5572.0, 5497.0, 5340.0, 5597.0, 5621.0, 5338.0, 5636.0, 5448.0, 5369.0, 5347.0, 5672.0, 5318.0, 5512.0, 5477.0, 5677.0, 5415.0, 5317.0, 5329.0
12	5290.0	9	1.0	333	1	5419.0, 5442.0, 5284.0, 5382.0, 5298.0, 5654.0, 5338.0, 5640.0, 5488.0, 5459.0, 5624.0, 5462.0, 5303.0, 5611.0, 5653.0, 5374.0, 5639.0, 5301.0, 5373.0, 5367.0, 5437.0, 5344.0, 5464.0, 5355.0, 5646.0, 5594.0, 5546.0, 5694.0, 5421.0, 5619.0, 5526.0, 5592.0, 5584.0, 5365.0, 5499.0, 5564.0, 5509.0, 5485.0, 5623.0, 5414.0, 5268.0, 5518.0, 5548.0, 5489.0, 5334.0, 5440.0, 5391.0, 5560.0, 5581.0, 5687.0, 5322.0, 5558.0, 5324.0, 5587.0, 5629.0, 5659.0, 5645.0, 5606.0, 5275.0, 5683.0, 5705.0, 5590.0, 5328.0, 5524.0, 5376.0, 5468.0, 5552.0, 5515.0, 5678.0, 5458.0, 5530.0, 5582.0, 5400.0, 5332.0, 5635.0, 5469.0, 5308.0, 5616.0, 5575.0, 5681.0, 5673.0, 5360.0, 5600.0, 5317.0, 5300.0, 5251.0, 5688.0, 5604.0, 5429.0, 5329.0, 5296.0, 5336.0, 5265.0, 5269.0, 5602.0, 5553.0, 5443.0, 5274.0, 5420.0, 5501.0
13	5290.0	9	1.0	333	1	5406.0, 5466.0, 5271.0, 5565.0, 5485.0, 5658.0, 5280.0, 5640.0, 5357.0, 5434.0, 5273.0, 5528.0, 5501.0, 5315.0, 5443.0, 5456.0, 5393.0, 5263.0, 5282.0, 5609.0, 5375.0, 5325.0, 5294.0, 5562.0, 5491.0, 5602.0, 5476.0, 5296.0, 5359.0, 5713.0, 5671.0, 5256.0, 5674.0, 5555.0, 5370.0, 5308.0, 5310.0, 5558.0, 5402.0, 5518.0, 5641.0, 5399.0, 5710.0, 5374.0, 5698.0, 5506.0, 5306.0, 5372.0, 5332.0, 5498.0, 5695.0, 5412.0, 5307.0, 5322.0, 5326.0, 5277.0, 5352.0, 5581.0, 5639.0, 5444.0, 5362.0, 5568.0, 5419.0, 5586.0, 5721.0, 5479.0, 5301.0, 5597.0, 5696.0, 5496.0, 5389.0, 5345.0, 5717.0, 5503.0, 5378.0, 5365.0, 5290.0, 5672.0, 5653.0, 5343.0, 5516.0, 5489.0, 5625.0, 5574.0, 5422.0,

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14	5290.0	9	1.0	333	1	5444.0, 5356.0, 5683.0, 5594.0, 5552.0, 5270.0, 5715.0, 5716.0, 5598.0, 5303.0, 5264.0, 5429.0, 5681.0, 5465.0, 5671.0, 5361.0, 5555.0, 5704.0, 5605.0, 5542.0, 5335.0, 5672.0, 5532.0, 5563.0, 5278.0, 5447.0, 5339.0, 5522.0, 5558.0, 5580.0, 5350.0, 5380.0, 5367.0, 5351.0, 5383.0, 5537.0, 5315.0, 5316.0, 5639.0, 5366.0, 5592.0, 5296.0, 5454.0, 5406.0, 5703.0, 5343.0, 5556.0, 5436.0, 5374.0, 5373.0, 5508.0, 5664.0, 5426.0, 5574.0, 5512.0, 5518.0, 5626.0, 5687.0, 5393.0, 5431.0, 5613.0, 5267.0, 5260.0, 5357.0, 5516.0, 5254.0, 5678.0, 5421.0, 5473.0, 5395.0, 5456.0, 5265.0, 5434.0, 5298.0, 5476.0, 5624.0, 5710.0, 5306.0, 5310.0, 5408.0, 5661.0, 5376.0, 5521.0, 5302.0, 5553.0, 5253.0, 5621.0, 5400.0, 5481.0, 5700.0, 5618.0, 5364.0, 5355.0, 5345.0, 5660.0, 5507.0, 5287.0, 5694.0, 5452.0, 5259.0
15	5290.0	9	1.0	333	1	5512.0, 5506.0, 5651.0, 5357.0, 5274.0, 5584.0, 5260.0, 5715.0, 5317.0, 5363.0, 5450.0, 5453.0, 5710.0, 5686.0, 5696.0, 5717.0, 5343.0, 5491.0, 5437.0, 5513.0, 5718.0, 5369.0, 5427.0, 5537.0, 5664.0, 5541.0, 5268.0, 5280.0, 5398.0, 5588.0, 5515.0, 5543.0, 5646.0, 5348.0, 5302.0, 5612.0, 5503.0, 5496.0, 5417.0, 5397.0, 5595.0, 5532.0, 5470.0, 5301.0, 5476.0, 5614.0, 5431.0, 5510.0, 5404.0, 5566.0, 5714.0, 5387.0, 5536.0, 5639.0, 5703.0, 5723.0, 5358.0, 5600.0, 5656.0, 5250.0, 5550.0, 5323.0, 5542.0, 5487.0, 5690.0, 5592.0, 5531.0, 5631.0, 5559.0, 5712.0, 5331.0, 5479.0, 5709.0, 5518.0, 5662.0, 5385.0, 5355.0, 5560.0, 5406.0, 5569.0, 5376.0, 5593.0, 5626.0, 5594.0, 5392.0, 5562.0, 5324.0, 5481.0, 5275.0, 5508.0, 5605.0, 5698.0, 5585.0, 5688.0, 5430.0, 5364.0, 5359.0, 5638.0, 5297.0, 5252.0
16	5290.0	9	1.0	333	1	5558.0, 5593.0, 5392.0, 5574.0, 5524.0, 5284.0, 5372.0, 5620.0, 5439.0, 5259.0, 5408.0, 5540.0, 5579.0, 5719.0, 5662.0, 5576.0, 5400.0, 5381.0, 5622.0, 5319.0, 5660.0, 5586.0, 5596.0, 5480.0, 5513.0, 5601.0, 5489.0, 5582.0, 5267.0, 5264.0, 5467.0, 5421.0, 5684.0, 5663.0, 5585.0, 5387.0, 5268.0, 5430.0, 5465.0, 5487.0, 5548.0, 5693.0, 5670.0, 5322.0, 5677.0, 5428.0, 5366.0, 5673.0, 5306.0, 5369.0, 5260.0, 5453.0, 5681.0, 5254.0, 5296.0, 5349.0, 5507.0, 5515.0, 5417.0, 5491.0, 5311.0, 5502.0, 5393.0, 5415.0, 5340.0,

						5669.0, 5518.0, 5359.0, 5270.0, 5333.0, 5402.0, 5251.0, 5621.0, 5473.0, 5331.0, 5496.0, 5592.0, 5256.0, 5709.0, 5561.0, 5460.0, 5665.0, 5255.0, 5659.0, 5360.0, 5588.0, 5530.0, 5556.0, 5671.0, 5633.0, 5321.0, 5419.0, 5636.0, 5337.0, 5718.0, 5425.0, 5435.0, 5356.0, 5361.0, 5494.0
17	5290.0	9	1.0	333	1	5282.0, 5348.0, 5493.0, 5683.0, 5655.0, 5340.0, 5439.0, 5570.0, 5485.0, 5271.0, 5463.0, 5628.0, 5406.0, 5398.0, 5428.0, 5598.0, 5461.0, 5363.0, 5494.0, 5508.0, 5601.0, 5462.0, 5317.0, 5409.0, 5389.0, 5706.0, 5379.0, 5653.0, 5591.0, 5644.0, 5574.0, 5323.0, 5269.0, 5483.0, 5688.0, 5647.0, 5375.0, 5337.0, 5520.0, 5479.0, 5510.0, 5423.0, 5300.0, 5506.0, 5469.0, 5667.0, 5311.0, 5388.0, 5546.0, 5429.0, 5707.0, 5587.0, 5492.0, 5560.0, 5360.0, 5262.0, 5620.0, 5333.0, 5715.0, 5701.0, 5500.0, 5407.0, 5704.0, 5496.0, 5564.0, 5697.0, 5682.0, 5355.0, 5530.0, 5322.0, 5347.0, 5416.0, 5350.0, 5292.0, 5352.0, 5301.0, 5345.0, 5599.0, 5646.0, 5566.0, 5433.0, 5671.0, 5305.0, 5633.0, 5252.0, 5432.0, 5618.0, 5680.0, 5555.0, 5326.0, 5424.0, 5498.0, 5268.0, 5410.0, 5359.0, 5390.0, 5276.0, 5678.0, 5294.0, 5430.0
18	5290.0	9	1.0	333	1	5347.0, 5335.0, 5295.0, 5342.0, 5513.0, 5383.0, 5510.0, 5340.0, 5303.0, 5607.0, 5720.0, 5401.0, 5596.0, 5468.0, 5524.0, 5529.0, 5419.0, 5559.0, 5471.0, 5594.0, 5619.0, 5328.0, 5478.0, 5345.0, 5560.0, 5718.0, 5574.0, 5439.0, 5660.0, 5565.0, 5459.0, 5501.0, 5575.0, 5500.0, 5361.0, 5580.0, 5336.0, 5719.0, 5556.0, 5420.0, 5521.0, 5354.0, 5644.0, 5355.0, 5503.0, 5579.0, 5367.0, 5438.0, 5262.0, 5447.0, 5658.0, 5535.0, 5484.0, 5365.0, 5469.0, 5323.0, 5588.0, 5348.0, 5545.0, 5599.0, 5527.0, 5597.0, 5622.0, 5326.0, 5415.0, 5557.0, 5283.0, 5706.0, 5409.0, 5307.0, 5612.0, 5533.0, 5481.0, 5389.0, 5317.0, 5584.0, 5451.0, 5492.0, 5446.0, 5608.0, 5671.0, 5624.0, 5646.0, 5280.0, 5305.0, 5359.0, 5531.0, 5353.0, 5666.0, 5540.0, 5327.0, 5410.0, 5709.0, 5694.0, 5530.0, 5715.0, 5568.0, 5685.0, 5476.0, 5431.0
19	5290.0	9	1.0	333	1	5492.0, 5723.0, 5662.0, 5701.0, 5705.0, 5452.0, 5384.0, 5508.0, 5448.0, 5361.0, 5456.0, 5472.0, 5596.0, 5517.0, 5607.0, 5253.0, 5436.0, 5647.0, 5368.0, 5382.0, 5440.0, 5413.0, 5564.0, 5605.0, 5700.0, 5251.0, 5501.0, 5657.0, 5398.0, 5254.0, 5541.0, 5341.0, 5714.0, 5694.0, 5313.0, 5443.0, 5691.0, 5622.0, 5640.0, 5676.0, 5389.0, 5446.0, 5409.0, 5698.0, 5571.0, 5332.0, 5552.0, 5348.0, 5494.0, 5617.0,

						5706.0, 5336.0, 5420.0, 5286.0, 5673.0, 5681.0, 5538.0, 5328.0, 5505.0, 5532.0, 5542.0, 5401.0, 5519.0, 5572.0, 5537.0, 5672.0, 5258.0, 5550.0, 5687.0, 5498.0, 5503.0, 5455.0, 5534.0, 5558.0, 5259.0, 5512.0, 5444.0, 5278.0, 5430.0, 5298.0, 5649.0, 5271.0, 5463.0, 5598.0, 5716.0, 5346.0, 5718.0, 5692.0, 5707.0, 5379.0, 5350.0, 5644.0, 5343.0, 5386.0, 5535.0, 5663.0, 5290.0, 5355.0, 5418.0, 5393.0
20	5290.0	9	1.0	333	1	5337.0, 5387.0, 5658.0, 5292.0, 5258.0, 5718.0, 5454.0, 5528.0, 5523.0, 5349.0, 5489.0, 5593.0, 5281.0, 5709.0, 5594.0, 5662.0, 5350.0, 5546.0, 5445.0, 5525.0, 5305.0, 5404.0, 5655.0, 5488.0, 5429.0, 5580.0, 5499.0, 5271.0, 5579.0, 5515.0, 5444.0, 5607.0, 5624.0, 5690.0, 5671.0, 5346.0, 5678.0, 5320.0, 5576.0, 5627.0, 5715.0, 5379.0, 5505.0, 5483.0, 5581.0, 5653.0, 5641.0, 5425.0, 5568.0, 5319.0, 5544.0, 5550.0, 5334.0, 5564.0, 5294.0, 5577.0, 5403.0, 5332.0, 5601.0, 5542.0, 5711.0, 5347.0, 5620.0, 5572.0, 5371.0, 5669.0, 5649.0, 5548.0, 5304.0, 5606.0, 5547.0, 5309.0, 5597.0, 5439.0, 5474.0, 5668.0, 5589.0, 5561.0, 5612.0, 5599.0, 5321.0, 5623.0, 5526.0, 5541.0, 5562.0, 5494.0, 5336.0, 5643.0, 5540.0, 5691.0, 5692.0, 5446.0, 5311.0, 5520.0, 5469.0, 5351.0, 5622.0, 5254.0, 5455.0, 5481.0
21	5290.0	9	1.0	333	1	5253.0, 5666.0, 5616.0, 5631.0, 5396.0, 5280.0, 5588.0, 5323.0, 5332.0, 5714.0, 5667.0, 5256.0, 5710.0, 5477.0, 5389.0, 5548.0, 5639.0, 5544.0, 5612.0, 5264.0, 5369.0, 5278.0, 5656.0, 5578.0, 5644.0, 5423.0, 5451.0, 5555.0, 5469.0, 5720.0, 5513.0, 5617.0, 5684.0, 5468.0, 5610.0, 5412.0, 5483.0, 5420.0, 5482.0, 5341.0, 5456.0, 5571.0, 5427.0, 5406.0, 5550.0, 5277.0, 5569.0, 5479.0, 5365.0, 5613.0, 5574.0, 5356.0, 5679.0, 5271.0, 5675.0, 5508.0, 5305.0, 5520.0, 5395.0, 5426.0, 5703.0, 5422.0, 5480.0, 5437.0, 5636.0, 5692.0, 5489.0, 5626.0, 5475.0, 5454.0, 5474.0, 5466.0, 5559.0, 5402.0, 5410.0, 5694.0, 5455.0, 5314.0, 5441.0, 5355.0, 5633.0, 5362.0, 5577.0, 5357.0, 5397.0, 5368.0, 5279.0, 5562.0, 5563.0, 5487.0, 5274.0, 5721.0, 5556.0, 5343.0, 5462.0, 5444.0, 5318.0, 5584.0, 5637.0, 5291.0
22	5290.0	9	1.0	333	1	5618.0, 5605.0, 5386.0, 5298.0, 5391.0, 5691.0, 5367.0, 5675.0, 5428.0, 5666.0, 5637.0, 5717.0, 5401.0, 5524.0, 5434.0, 5471.0, 5295.0, 5634.0, 5631.0, 5638.0, 5598.0, 5587.0, 5509.0, 5557.0, 5438.0, 5668.0, 5307.0, 5493.0, 5419.0, 5657.0,

						5317.0, 5354.0, 5380.0, 5416.0, 5297.0, 5495.0, 5466.0, 5313.0, 5685.0, 5678.0, 5261.0, 5527.0, 5687.0, 5273.0, 5404.0, 5585.0, 5546.0, 5413.0, 5535.0, 5625.0, 5469.0, 5499.0, 5501.0, 5595.0, 5648.0, 5563.0, 5373.0, 5336.0, 5718.0, 5457.0, 5388.0, 5677.0, 5287.0, 5257.0, 5651.0, 5316.0, 5357.0, 5376.0, 5547.0, 5568.0, 5644.0, 5700.0, 5500.0, 5567.0, 5359.0, 5396.0, 5330.0, 5532.0, 5279.0, 5441.0, 5514.0, 5442.0, 5280.0, 5582.0, 5305.0, 5701.0, 5548.0, 5654.0, 5278.0, 5669.0, 5371.0, 5423.0, 5255.0, 5601.0, 5593.0, 5698.0, 5363.0, 5661.0, 5497.0, 5554.0
23	5290.0	9	1.0	333	1	5463.0, 5562.0, 5391.0, 5676.0, 5631.0, 5477.0, 5416.0, 5480.0, 5484.0, 5323.0, 5718.0, 5481.0, 5660.0, 5388.0, 5596.0, 5284.0, 5555.0, 5396.0, 5438.0, 5381.0, 5651.0, 5616.0, 5611.0, 5639.0, 5592.0, 5642.0, 5472.0, 5690.0, 5657.0, 5471.0, 5720.0, 5325.0, 5618.0, 5561.0, 5641.0, 5547.0, 5601.0, 5450.0, 5363.0, 5603.0, 5544.0, 5665.0, 5680.0, 5558.0, 5552.0, 5497.0, 5257.0, 5625.0, 5698.0, 5270.0, 5429.0, 5255.0, 5681.0, 5595.0, 5410.0, 5602.0, 5384.0, 5265.0, 5689.0, 5593.0, 5673.0, 5459.0, 5686.0, 5289.0, 5291.0, 5335.0, 5399.0, 5522.0, 5520.0, 5581.0, 5322.0, 5250.0, 5702.0, 5586.0, 5371.0, 5409.0, 5685.0, 5620.0, 5462.0, 5274.0, 5287.0, 5445.0, 5526.0, 5594.0, 5570.0, 5670.0, 5259.0, 5643.0, 5415.0, 5422.0, 5447.0, 5306.0, 5633.0, 5577.0, 5502.0, 5318.0, 5566.0, 5421.0, 5364.0, 5376.0
24	5290.0	9	1.0	333	1	5655.0, 5528.0, 5428.0, 5585.0, 5446.0, 5519.0, 5329.0, 5283.0, 5640.0, 5565.0, 5637.0, 5571.0, 5416.0, 5487.0, 5718.0, 5392.0, 5399.0, 5313.0, 5610.0, 5688.0, 5681.0, 5577.0, 5431.0, 5491.0, 5336.0, 5665.0, 5353.0, 5376.0, 5380.0, 5659.0, 5339.0, 5379.0, 5475.0, 5532.0, 5618.0, 5661.0, 5468.0, 5294.0, 5261.0, 5369.0, 5419.0, 5366.0, 5709.0, 5377.0, 5273.0, 5595.0, 5272.0, 5714.0, 5649.0, 5560.0, 5698.0, 5297.0, 5516.0, 5391.0, 5444.0, 5435.0, 5259.0, 5389.0, 5667.0, 5293.0, 5411.0, 5497.0, 5548.0, 5469.0, 5658.0, 5363.0, 5570.0, 5384.0, 5368.0, 5442.0, 5643.0, 5395.0, 5671.0, 5490.0, 5266.0, 5529.0, 5409.0, 5668.0, 5438.0, 5559.0, 5598.0, 5644.0, 5493.0, 5346.0, 5639.0, 5359.0, 5629.0, 5582.0, 5397.0, 5636.0, 5498.0, 5531.0, 5605.0, 5617.0, 5506.0, 5616.0, 5458.0, 5486.0, 5523.0, 5591.0
25	5290.0	9	1.0	333	1	5718.0, 5373.0, 5594.0, 5458.0, 5517.0, 5401.0, 5343.0, 5706.0, 5618.0, 5261.0,

						5461.0, 5605.0, 5333.0, 5428.0, 5464.0, 5639.0, 5454.0, 5587.0, 5384.0, 5613.0, 5676.0, 5347.0, 5552.0, 5557.0, 5562.0, 5533.0, 5520.0, 5580.0, 5286.0, 5524.0, 5715.0, 5575.0, 5482.0, 5525.0, 5513.0, 5385.0, 5369.0, 5359.0, 5615.0, 5511.0, 5275.0, 5723.0, 5582.0, 5355.0, 5660.0, 5502.0, 5620.0, 5391.0, 5299.0, 5492.0, 5311.0, 5546.0, 5342.0, 5316.0, 5716.0, 5564.0, 5455.0, 5436.0, 5621.0, 5699.0, 5357.0, 5302.0, 5471.0, 5568.0, 5309.0, 5624.0, 5678.0, 5709.0, 5685.0, 5442.0, 5339.0, 5319.0, 5561.0, 5263.0, 5415.0, 5543.0, 5719.0, 5622.0, 5254.0, 5427.0, 5344.0, 5504.0, 5452.0, 5663.0, 5617.0, 5611.0, 5607.0, 5467.0, 5375.0, 5394.0, 5616.0, 5518.0, 5414.0, 5329.0, 5677.0, 5338.0, 5590.0, 5393.0, 5688.0, 5581.0
26	5290.0	9	1.0	333	1	5434.0, 5672.0, 5528.0, 5309.0, 5489.0, 5388.0, 5363.0, 5383.0, 5540.0, 5385.0, 5718.0, 5611.0, 5319.0, 5563.0, 5471.0, 5255.0, 5381.0, 5348.0, 5389.0, 5628.0, 5533.0, 5324.0, 5518.0, 5606.0, 5378.0, 5394.0, 5339.0, 5660.0, 5614.0, 5601.0, 5527.0, 5517.0, 5401.0, 5697.0, 5623.0, 5544.0, 5274.0, 5484.0, 5677.0, 5283.0, 5408.0, 5702.0, 5356.0, 5538.0, 5447.0, 5498.0, 5502.0, 5370.0, 5555.0, 5298.0, 5402.0, 5571.0, 5400.0, 5548.0, 5687.0, 5320.0, 5459.0, 5418.0, 5436.0, 5334.0, 5643.0, 5301.0, 5352.0, 5305.0, 5708.0, 5439.0, 5404.0, 5550.0, 5574.0, 5451.0, 5530.0, 5597.0, 5724.0, 5523.0, 5507.0, 5504.0, 5325.0, 5466.0, 5608.0, 5509.0, 5343.0, 5443.0, 5293.0, 5464.0, 5465.0, 5647.0, 5409.0, 5599.0, 5619.0, 5317.0, 5333.0, 5435.0, 5441.0, 5576.0, 5592.0, 5276.0, 5630.0, 5306.0, 5354.0, 5386.0
27	5290.0	9	1.0	333	1	5381.0, 5372.0, 5370.0, 5310.0, 5681.0, 5311.0, 5418.0, 5396.0, 5342.0, 5347.0, 5357.0, 5262.0, 5674.0, 5279.0, 5663.0, 5527.0, 5457.0, 5676.0, 5530.0, 5662.0, 5675.0, 5607.0, 5544.0, 5549.0, 5586.0, 5521.0, 5325.0, 5285.0, 5258.0, 5519.0, 5433.0, 5609.0, 5316.0, 5708.0, 5268.0, 5492.0, 5688.0, 5318.0, 5645.0, 5308.0, 5639.0, 5560.0, 5696.0, 5484.0, 5319.0, 5412.0, 5453.0, 5590.0, 5615.0, 5626.0, 5465.0, 5700.0, 5563.0, 5280.0, 5314.0, 5683.0, 5616.0, 5261.0, 5598.0, 5698.0, 5679.0, 5703.0, 5710.0, 5500.0, 5692.0, 5534.0, 5323.0, 5275.0, 5677.0, 5511.0, 5664.0, 5437.0, 5400.0, 5542.0, 5603.0, 5539.0, 5443.0, 5329.0, 5533.0, 5505.0, 5296.0, 5398.0, 5584.0, 5546.0, 5456.0, 5510.0, 5390.0, 5406.0, 5680.0, 5466.0, 5689.0, 5431.0, 5468.0, 5322.0, 5309.0,

						5263.0, 5660.0, 5516.0, 5573.0, 5588.0
28	5290.0	9	1.0	333	1	5264.0, 5673.0, 5491.0, 5285.0, 5610.0, 5616.0, 5363.0, 5488.0, 5463.0, 5319.0, 5562.0, 5620.0, 5289.0, 5684.0, 5271.0, 5283.0, 5275.0, 5418.0, 5452.0, 5542.0, 5326.0, 5335.0, 5328.0, 5612.0, 5259.0, 5667.0, 5711.0, 5556.0, 5268.0, 5493.0, 5433.0, 5642.0, 5473.0, 5420.0, 5717.0, 5535.0, 5279.0, 5342.0, 5355.0, 5254.0, 5315.0, 5547.0, 5280.0, 5376.0, 5537.0, 5690.0, 5260.0, 5374.0, 5674.0, 5604.0, 5532.0, 5492.0, 5439.0, 5561.0, 5658.0, 5339.0, 5718.0, 5498.0, 5359.0, 5436.0, 5309.0, 5362.0, 5292.0, 5541.0, 5485.0, 5270.0, 5647.0, 5494.0, 5605.0, 5274.0, 5435.0, 5330.0, 5261.0, 5511.0, 5477.0, 5351.0, 5681.0, 5568.0, 5318.0, 5377.0, 5316.0, 5381.0, 5650.0, 5520.0, 5576.0, 5629.0, 5367.0, 5637.0, 5480.0, 5333.0, 5545.0, 5703.0, 5321.0, 5455.0, 5709.0, 5533.0, 5519.0, 5633.0, 5287.0, 5365.0
29	5290.0	9	1.0	333	1	5701.0, 5520.0, 5698.0, 5322.0, 5541.0, 5497.0, 5614.0, 5349.0, 5419.0, 5613.0, 5553.0, 5575.0, 5552.0, 5515.0, 5491.0, 5435.0, 5640.0, 5393.0, 5405.0, 5688.0, 5667.0, 5410.0, 5687.0, 5424.0, 5574.0, 5646.0, 5681.0, 5431.0, 5666.0, 5534.0, 5400.0, 5315.0, 5507.0, 5674.0, 5459.0, 5611.0, 5498.0, 5420.0, 5267.0, 5450.0, 5653.0, 5651.0, 5559.0, 5413.0, 5598.0, 5292.0, 5294.0, 5622.0, 5603.0, 5597.0, 5655.0, 5306.0, 5680.0, 5517.0, 5638.0, 5588.0, 5623.0, 5543.0, 5414.0, 5337.0, 5568.0, 5480.0, 5368.0, 5313.0, 5314.0, 5544.0, 5277.0, 5433.0, 5615.0, 5399.0, 5272.0, 5266.0, 5599.0, 5257.0, 5550.0, 5363.0, 5510.0, 5643.0, 5308.0, 5295.0, 5684.0, 5406.0, 5504.0, 5352.0, 5331.0, 5427.0, 5265.0, 5558.0, 5672.0, 5511.0, 5255.0, 5601.0, 5411.0, 5657.0, 5621.0, 5329.0, 5566.0, 5285.0, 5531.0, 5677.0
30	5290.0	9	1.0	333	1	5684.0, 5512.0, 5379.0, 5387.0, 5517.0, 5609.0, 5507.0, 5457.0, 5641.0, 5707.0, 5471.0, 5329.0, 5467.0, 5356.0, 5427.0, 5498.0, 5685.0, 5660.0, 5705.0, 5401.0, 5529.0, 5626.0, 5385.0, 5306.0, 5285.0, 5595.0, 5415.0, 5464.0, 5389.0, 5666.0, 5486.0, 5462.0, 5667.0, 5497.0, 5252.0, 5505.0, 5624.0, 5605.0, 5335.0, 5676.0, 5395.0, 5479.0, 5714.0, 5473.0, 5642.0, 5439.0, 5614.0, 5481.0, 5499.0, 5328.0, 5538.0, 5257.0, 5258.0, 5305.0, 5701.0, 5326.0, 5629.0, 5452.0, 5665.0, 5592.0, 5536.0, 5581.0, 5322.0, 5578.0, 5304.0, 5713.0, 5365.0, 5631.0, 5528.0, 5580.0, 5429.0, 5320.0, 5537.0, 5446.0, 5516.0,

						5311.0, 5692.0, 5403.0, 5569.0, 5307.0, 5687.0, 5342.0, 5616.0, 5715.0, 5463.0, 5718.0, 5613.0, 5556.0, 5655.0, 5432.0, 5465.0, 5477.0, 5391.0, 5418.0, 5545.0, 5444.0, 5521.0, 5407.0, 5404.0, 5282.0

Wlan0

5500 MHz, 20 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	90 %	60%	Pass
Type 2	30	80 %	60%	Pass
Type 3	30	90 %	60%	Pass
Type 4	30	93.3 %	60%	Pass
Aggregate (Type1 to 4)	120	88.3 %	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	96.7 %	70%	Pass

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	76	1.0	698	1
2	57	1.0	938	1
3	72	1.0	738	1
4	102	1.0	518	1
5	78	1.0	678	1
6	65	1.0	818	1
7	86	1.0	618	0
8	74	1.0	718	1
9	67	1.0	798	1
10	83	1.0	638	1
11	59	1.0	898	1
12	18	1.0	3066	1
13	95	1.0	558	1
14	0	0.0	0	0
15	0	0.0	0	0
16	84	1.0	632	1
17	18	1.0	3046	1
18	26	1.0	2072	1
19	80	1.0	667	1
20	70	1.0	761	1
21	34	1.0	1553	1
22	31	1.0	1741	1
23	23	1.0	2383	1
24	21	1.0	2529	1
25	42	1.0	1261	1
26	22	1.0	2457	1
27	27	1.0	2026	1
28	18	1.0	3023	1
29	21	1.0	2597	1
30	21	1.0	2543	1
Detection Percentage: 90 % (>60%)				

Table-2 Radar Type 2 Statistical Performance

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	27	2.3	228	1
2	25	3.1	223	1
3	27	1.9	165	1
4	25	3.2	185	1
5	27	1.1	170	0
6	26	5.0	219	1
7	28	1.1	220	1
8	23	3.5	188	1
9	23	2.1	170	1
10	28	4.5	225	1
11	28	3.2	152	1
12	29	4.3	171	1
13	28	1.2	202	1
14	24	1.8	159	1
15	24	4.8	202	1
16	28	3.5	224	1
17	25	4.8	227	0
18	23	2.3	197	1
19	29	3.1	213	0
20	27	2.9	176	1
21	28	1.7	211	1
22	25	1.7	194	0
23	28	3.2	196	0
24	28	2.1	196	1
25	28	3.4	214	1
26	28	3.5	191	1
27	26	3.6	210	1
28	29	2.0	185	1
29	29	1.3	158	0
30	29	1.3	228	1
Detection Percentage: 80 % (>60%)				

Table-3 Radar Type 3 Statistical Performance

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	18	8.7	302	1
2	17	8.0	217	1
3	16	8.3	357	0
4	18	7.8	424	1
5	17	7.4	426	1
6	18	8.6	479	1
7	16	7.8	297	1
8	18	7.2	233	1
9	16	9.6	255	1
10	18	10.0	485	1
11	16	8.6	469	0
12	17	8.6	428	1
13	16	6.4	241	0
14	16	6.4	424	1
15	17	8.0	399	1
16	16	8.1	460	1
17	16	9.7	218	1
18	16	9.4	455	1
19	17	9.6	437	1
20	17	9.9	435	1
21	18	8.2	324	1
22	17	7.1	313	1
23	18	8.9	273	1
24	18	8.9	279	1
25	17	6.2	309	1
26	17	7.6	455	1
27	18	7.7	308	1
28	18	6.4	486	1
29	18	9.8	462	1
30	16	7.7	231	1
Detection Percentage: 90 % (>60%)				

Table-4 Radar Type 4 Statistical Performance

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	16	12.1	292	1
2	12	14.2	326	1
3	12	16.5	266	1
4	14	15.1	374	1
5	14	11.9	438	1
6	13	17.3	462	1
7	12	11.8	331	1
8	16	19.9	225	1
9	16	18.6	297	1
10	13	16.9	310	1
11	14	17.5	469	1
12	12	11.2	445	1
13	14	13.4	399	1
14	12	17.8	269	1
15	14	16.7	309	0
16	15	12.0	202	1
17	16	12.4	453	1
18	13	18.2	218	1
19	15	12.8	368	1
20	15	17.6	467	1
21	15	16.8	216	0
22	13	12.6	486	1
23	15	16.4	434	1
24	16	14.8	443	1
25	14	16.2	248	1
26	15	19.7	398	1
27	16	15.9	259	1
28	12	11.1	264	1
29	13	18.9	268	1
30	16	16.8	476	1
Detection Percentage: 93.3 % (>60%)				

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (GHz)	Detection (1:yes; 0:no)
1	5.5	1
2	5.5	1
3	5.5	1
4	5.5	1
5	5.5	1
6	5.5	1
7	5.5	1
8	5.5	1
9	5.5	1
10	5.5	1
11	5.494	1
12	5.496	1
13	5.496	1
14	5.493	1
15	5.498	1
16	5.492	1
17	5.493	1
18	5.494	1
19	5.494	1
20	5.494	1
21	5.508	1
22	5.504	1
23	5.505	1
24	5.504	1
25	5.503	1
26	5.505	1
27	5.506	1
28	5.504	1
29	5.504	1
30	5.503	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	17	74.9	1633	-	-	486199	1
1	1	17	93	1677	-	-	750352	1
2	2	17	85.6	1941	1366	-	1013007	1
3	3	17	59	1578	1597	1024	189027	1
4	2	17	63.7	1047	1844	-	453133	1
5	2	17	72.8	1831	1969	-	716413	1
6	2	17	71.5	1284	1603	-	980894	1
7	3	17	81.6	1371	1620	1488	156522	1
8	1	17	72.9	1657	-	-	421107	1
9	2	17	86.2	1662	1590	-	684281	1
10	1	17	90	1779	-	-	949356	1

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	5	76.8	1191	-	-	152125	1
1	1	5	73.3	1876	-	-	474967	1
2	3	5	60.3	1239	1903	1368	796309	1
3	3	5	87.3	1652	1845	1079	1118535	1
4	2	5	94.8	1600	1891	-	112134	1
5	1	5	75.1	1682	-	-	435254	1
6	2	5	84	1840	1709	-	757158	1
7	3	5	78.1	1878	1156	1639	1078760	1
8	3	5	71	1470	1114	1847	72354	1

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	9	60.1	1093	1052	1142	253577	1
1	1	9	71.4	1978	-	-	461370	1
2	1	9	89.9	1332	-	-	669279	1
3	2	9	83.5	1439	1580	-	20988	1
4	3	9	60.9	1345	1331	1695	227779	1
5	1	9	84.6	1998	-	-	435812	1
6	3	9	79.3	1192	1077	1246	642071	1
7	1	9	81.9	1931	-	-	850678	1
8	3	9	79.3	1759	1691	1038	202275	1
9	3	9	71.9	2000	1547	1198	408947	1
10	2	9	97.4	1434	1221	-	617190	1
11	3	9	84.1	1497	1942	1540	822188	1
12	3	9	88.4	1699	1896	1748	176625	1
13	1	9	58.6	1717	-	-	384845	1

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	10	86.2	1851	1440	1548	458262	1
1	3	10	92	1745	1939	1139	618791	1
2	3	10	79.6	1987	1516	1571	117420	1
3	1	10	87	1182	-	-	279512	1
4	2	10	86.1	1959	1307	-	439532	1
5	2	10	53	1767	1386	-	600530	1
6	1	10	62.8	1604	-	-	98168	1
7	3	10	50.1	1952	1858	1594	257984	1
8	3	10	76.1	1031	1119	1720	419332	1
9	2	10	70.8	1601	1472	-	580778	1
10	2	10	69.1	1822	1649	-	78080	1
11	3	10	51	1661	1084	1900	238503	1
12	3	10	92.6	1036	1045	1742	399559	1
13	2	10	61.3	1686	1852	-	560561	1
14	1	10	85.7	1616	-	-	58430	1
15	2	10	51.4	1097	1558	-	219383	1
16	2	10	59.6	1899	1334	-	380095	1
17	1	10	72.1	1309	-	-	542568	1

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	7	52.9	1792	1025	-	43325	1
1	3	7	85	1175	1722	1069	224195	1
2	2	7	57.4	1893	1922	-	405213	1
3	1	7	53.4	1837	-	-	587740	1
4	3	7	53	1895	1243	1937	20939	1
5	1	7	52.1	1105	-	-	202682	1
6	3	7	98.2	1116	1629	1250	382829	1
7	2	7	79.2	1728	1349	-	564453	1
8	2	7	93.6	1278	1055	-	746348	1
9	1	7	89.7	1340	-	-	180252	1
10	1	7	52.3	1480	-	-	361758	1
11	1	7	50.9	1526	-	-	543264	1
12	1	7	88.8	1442	-	-	724874	1
13	1	7	55.8	1273	-	-	157901	1
14	2	7	88.4	1710	1151	-	338771	1
15	1	7	64.6	1542	-	-	520893	1

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	10	74.1	1299	1053	1524	862658	1
1	3	10	95.3	1285	1241	1347	166392	1
2	3	10	65.2	1545	1132	1656	389133	1
3	1	10	88.2	1485	-	-	613855	1
4	1	10	98	1009	-	-	837802	1
5	1	10	75.1	1994	-	-	139216	1
6	2	10	58.1	1502	1005	-	362405	1
7	3	10	59.9	1046	1363	1637	584693	1
8	2	10	95.4	1570	1476	-	808466	1
9	3	10	69.1	1619	1849	1424	111348	1
10	3	10	64.3	1238	1990	1940	333936	1
11	1	10	59.9	1950	-	-	558509	1
12	2	10	92	1196	1317	-	781433	1

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	7	67.9	1436	-	-	91264	1
1	1	7	96.3	1771	-	-	333335	1
2	2	7	77.9	1295	1190	-	575025	1
3	2	7	62.2	1413	1073	-	816953	1
4	2	7	75.2	1128	1282	-	61372	1
5	2	7	81.2	1707	1118	-	303193	1
6	1	7	53.4	1820	-	-	545589	1
7	2	7	51.1	1286	1808	-	786673	1
8	3	7	82.8	1335	1687	1416	31506	1
9	3	7	88.9	1807	1958	1234	272807	1
10	3	7	77.4	1534	1948	1711	514026	1
11	1	7	88.9	1884	-	-	757810	1

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	13	56.9	1539	-	-	1061	1
1	3	13	59.5	1254	1506	1409	145564	1
2	1	13	73.1	1850	-	-	291200	1
3	3	13	97.9	1189	1027	1168	435152	1
4	2	13	75.1	1575	1207	-	580435	1
5	1	13	82	1158	-	-	128409	1
6	1	13	63.2	1203	-	-	273627	1
7	1	13	62.6	1817	-	-	418424	1
8	2	13	77.9	1194	1165	-	562992	1
9	2	13	87.2	1731	1772	-	110086	1
10	2	13	90.4	1181	1605	-	255062	1
11	2	13	86.2	1263	1782	-	399732	1
12	1	13	71.5	1075	-	-	546309	1
13	1	13	74.2	1614	-	-	92559	1
14	1	13	77.8	1202	-	-	237850	1
15	1	13	76.8	1490	-	-	382893	1
16	2	13	97.6	1602	1138	-	526947	1
17	3	13	58	1561	1072	1877	74321	1
18	1	13	84	1126	-	-	219989	1
19	1	13	87.8	1110	-	-	365245	1

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	15	88.2	1044	1328	1018	1133644	1
1	3	15	87.2	1063	1854	1430	126163	1
2	1	15	75.6	1466	-	-	449456	1
3	3	15	93.5	1293	1622	1217	770930	1
4	2	15	74.5	1703	1894	-	1093743	1
5	3	15	88.7	1509	1324	1806	86441	1
6	3	15	63.6	1587	1954	1556	408551	1
7	3	15	74.7	1626	1988	1607	730622	1
8	2	15	85	1020	1297	-	1055033	1

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	11	63.4	1329	1071	1321	26256	1
1	1	11	91.4	1802	-	-	207785	1
2	1	11	56.3	1981	-	-	389154	1
3	1	11	87.8	1106	-	-	571239	1
4	1	11	99.4	1133	-	-	3976	1
5	1	11	91	1330	-	-	185551	1
6	1	11	65.5	1428	-	-	367078	1
7	1	11	85	1569	-	-	548527	1
8	1	11	62	1085	-	-	730518	1
9	3	11	70.2	1351	1162	1870	162519	1
10	2	11	87.1	1638	1199	-	344067	1
11	3	11	51	1860	1235	1818	523818	1
12	3	11	97.3	1553	1322	1525	705010	1
13	1	11	64	1775	-	-	140735	1
14	3	11	80.8	1092	1774	1394	321133	1
15	3	11	55.8	1500	1410	1137	502142	1

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	10	91.7	1247	1445	1225	1369942	1
1	1	10	90.8	1567	-	-	237077	1
2	1	10	51	1417	-	-	600555	1
3	1	10	53.3	1213	-	-	964140	1
4	3	10	76.6	1012	1574	1996	1324658	1
5	1	10	53.6	1631	-	-	192305	1
6	1	10	74.7	1153	-	-	555884	1
7	3	10	54.9	1842	1120	1205	917553	1

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	14	89.6	1971	1823	-	930503	1
1	1	14	50.6	1094	-	-	107312	1
2	1	14	69.7	1433	-	-	371511	1
3	2	14	84	1520	2000	-	634526	1
4	1	14	79.7	1532	-	-	899895	1
5	1	14	73.4	1889	-	-	74700	1
6	2	14	86.4	1741	1083	-	338531	1
7	2	14	68.4	1432	1159	-	602555	1
8	1	14	88.6	1244	-	-	867579	1
9	2	14	77.6	1559	1946	-	42104	1
10	3	14	64.5	1625	1935	1932	305275	1

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	16	95.8	1961	-	-	522756	1
1	2	16	84	1531	1095	-	764302	1
2	2	16	98.5	1043	1067	-	8827	1
3	1	16	72.2	1927	-	-	250892	1
4	3	16	83.2	1226	1288	1643	491855	1
5	3	16	62.3	1326	1913	1613	732867	1
6	1	16	91.8	1253	-	-	977745	1
7	2	16	85.5	1663	1780	-	220740	1
8	3	16	87.9	1068	1001	1429	462411	1
9	3	16	96.9	1873	1214	1160	703565	1
10	1	16	86.8	1917	-	-	947278	1
11	3	16	91	1811	1901	1431	190643	1

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	8	73.2	1058	1642	1773	258554	1
1	2	8	94.8	1487	1966	-	403678	1
2	1	8	87.6	1268	-	-	550368	1
3	3	8	82.9	1833	1915	1749	96163	1
4	3	8	98	1530	1648	1586	240645	1
5	2	8	62.6	1372	1945	-	385945	1
6	3	8	71.3	1523	1405	1144	529988	1
7	3	8	58.4	1921	1425	1880	78439	1
8	2	8	59.7	1171	1296	-	223723	1
9	1	8	66.7	1664	-	-	369139	1
10	2	8	51.4	1751	1464	-	512921	1
11	2	8	98.3	1359	1448	-	60917	1
12	3	8	98.7	1274	1511	1065	205396	1
13	1	8	71.2	1170	-	-	351554	1
14	3	8	81.6	1670	1914	1568	493486	1
15	3	8	55.3	1724	1790	1824	42894	1
16	3	8	88.7	1974	1659	1757	187102	1
17	1	8	83.8	1277	-	-	333605	1
18	3	8	68.6	1426	1776	1795	475839	1
19	2	8	62.5	1393	1537	-	25230	1

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	20	69.7	1504	1462	-	212746	1
1	2	20	99.6	1404	1177	-	394129	1
2	2	20	85	1591	1008	-	575387	1
3	2	20	71.9	1219	1398	-	9254	1
4	2	20	93.3	1702	1593	-	190345	1
5	3	20	68.5	1727	1692	1507	370634	1
6	1	20	67.8	1566	-	-	553824	1
7	1	20	91.1	1082	-	-	735818	1
8	3	20	84.8	1057	1618	1544	167830	1
9	3	20	68.2	1527	1888	1926	348181	1
10	1	20	86.9	1452	-	-	531546	1
11	3	20	58	1279	1573	1320	710501	1
12	1	20	52.8	1793	-	-	146024	1
13	2	20	59.7	1039	1919	-	326978	1
14	1	20	96.6	1596	-	-	509085	1
15	1	20	89.2	1209	-	-	690954	1

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	6	92.1	1929	1378	1814	123122	1
1	2	6	90.6	1746	1936	-	304365	1
2	3	6	88.5	1149	1713	1121	485175	1
3	1	6	55.8	1447	-	-	668372	1
4	2	6	67.3	1420	1188	-	101209	1
5	3	6	69.2	1412	1557	1769	281670	1
6	1	6	54.7	1382	-	-	464502	1
7	1	6	79.1	1982	-	-	645548	1
8	1	6	82.5	1407	-	-	79008	1
9	1	6	50.1	1152	-	-	260654	1
10	1	6	73.5	1468	-	-	442087	1
11	3	6	62	1992	1406	1415	620843	1
12	1	6	80.8	1944	-	-	56604	1
13	1	6	86.5	1166	-	-	238279	1
14	2	6	96.9	1609	1076	-	419043	1
15	2	6	54	1112	1997	-	599949	1

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	7	78.3	1178	1875	1977	49726	1
1	3	7	74.3	1874	1257	1184	313292	1
2	2	7	71.2	1130	1259	-	577848	1
3	2	7	73.6	1658	1801	-	841021	1
4	3	7	59.7	1233	1967	1127	17297	1
5	3	7	65.6	1885	1581	1904	280558	1
6	2	7	89.6	1300	1337	-	545205	1
7	3	7	79.5	1457	1237	1975	807635	1
8	1	7	94.9	1231	-	-	1074472	1
9	2	7	80.3	1560	1035	-	248763	1
10	1	7	73.6	1789	-	-	513093	1

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	10	91.6	1304	1947	1276	567681	1
1	3	10	79.8	1374	1646	1543	760574	1
2	2	10	93.4	1696	1455	-	158336	1
3	1	10	95.4	1762	-	-	352209	1
4	2	10	89	1089	1124	-	545499	1
5	3	10	74.7	1738	1211	1828	736612	1
6	2	10	92.4	1002	1737	-	134600	1
7	1	10	63.2	1101	-	-	328634	1
8	2	10	98.1	1200	1033	-	521652	1
9	2	10	95.4	1908	1786	-	713827	1
10	2	10	62.8	1512	1206	-	110785	1
11	1	10	95.2	1582	-	-	304585	1
12	2	10	50.4	1229	1674	-	497402	1
13	1	10	94.8	1341	-	-	692076	1
14	1	10	55.9	1963	-	-	87049	1

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	9	89.4	1953	1549	-	246965	1
1	1	9	93.1	1879	-	-	418278	1
2	2	9	95	1397	1758	-	587954	1
3	2	9	55.8	1289	1013	-	55727	1
4	1	9	60.3	1041	-	-	226773	1
5	2	9	98.4	1671	1503	-	396516	1
6	1	9	71.3	1868	-	-	567999	1
7	3	9	82.9	1599	1460	1441	34600	1
8	1	9	79.8	1134	-	-	205689	1
9	2	9	78.6	1718	1193	-	375664	1
10	3	9	88.5	1163	1316	1367	545430	1
11	3	9	72.9	1826	1311	1683	13640	1
12	1	9	79.5	1813	-	-	184458	1
13	1	9	76.5	1535	-	-	355357	1
14	1	9	50.9	1496	-	-	526213	1
15	3	9	58.9	1222	1800	1541	694014	1
16	1	9	61	1754	-	-	163438	1

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	10	87.1	1155	-	-	334495	1
1	3	10	95.6	1187	1303	1501	503380	1
2	2	10	63.1	1585	1023	-	674938	1
3	2	10	99.3	1760	1576	-	142082	1
4	2	10	89.2	1183	1028	-	312972	1
5	1	10	54.7	1784	-	-	483928	1
6	3	10	84.6	1654	1841	1422	651781	1
7	1	10	87.3	1435	-	-	121422	1
8	2	10	88.4	1481	1805	-	291505	1
9	1	10	73.2	1195	-	-	463281	1
10	1	10	98.8	1764	-	-	633678	1
11	1	10	58.6	1048	-	-	100432	1
12	1	10	65.5	1513	-	-	271198	1
13	2	10	79.1	1228	1113	-	441510	1
14	3	10	70.8	1834	1376	1287	610265	1
15	1	10	78.9	1521	-	-	79322	1

16	2	10	53.8	1923	1292	-	249551	1

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	5	76.3	1766	1443	-	356689	1
1	1	5	96.6	1815	-	-	502601	1
2	1	5	84.5	1514	-	-	49520	1
3	3	5	89	1325	1348	1812	193705	1
4	1	5	70	1017	-	-	340105	1
5	2	5	75.2	1086	1804	-	483860	1
6	2	5	70.3	1141	1962	-	31556	1
7	1	5	97	1146	-	-	176901	1
8	1	5	63.6	1577	-	-	321910	1
9	2	5	66.8	1839	1465	-	465698	1
10	2	5	50.5	1925	1499	-	13717	1
11	1	5	51.7	1364	-	-	158953	1
12	2	5	62.9	1970	1621	-	303009	1
13	1	5	86.8	1264	-	-	449404	1
14	1	5	97.2	1951	-	-	593934	1
15	2	5	86.4	1486	1735	-	140631	1
16	2	5	51.7	1380	1270	-	285642	1
17	1	5	58.1	1781	-	-	431144	1
18	3	5	54.8	1489	1750	1230	573642	1
19	3	5	81.7	1015	1528	1383	122658	1

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	14	56.6	1827	1006	1098	595980	1
1	3	14	50.2	1358	1091	1985	918055	1
2	1	14	88.3	1611	-	-	1242990	1
3	3	14	60.3	1362	1446	1352	233803	1
4	1	14	68.5	1555	-	-	557260	1
5	2	14	71.9	1517	1667	-	879181	1
6	2	14	75.1	1306	1515	-	1202112	1
7	1	14	72.5	1777	-	-	194443	1
8	3	14	74.2	1785	1615	1907	516016	1

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	12	64.3	1886	1056	1644	754413	1
1	1	12	99.5	1074	-	-	1047407	1
2	1	12	67.7	1920	-	-	139160	1
3	2	12	94.1	1598	1131	-	429442	1
4	2	12	75.6	1111	1344	-	719982	1
5	2	12	50.1	1665	1890	-	1009497	1
6	3	12	54.3	1078	1546	1730	103158	1
7	2	12	74.4	1401	1733	-	393541	1
8	2	12	72	1387	1186	-	684140	1
9	3	12	67	1256	1396	1484	973282	1

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	15	70.3	1007	-	-	56347	1
1	1	15	92.9	1721	-	-	298421	1
2	1	15	52.2	1865	-	-	540457	1
3	2	15	75.6	1090	1910	-	781646	1
4	3	15	88	1161	1400	1390	26425	1
5	1	15	84.1	1887	-	-	268553	1
6	3	15	85.6	1983	1064	1972	509025	1
7	1	15	75.5	1673	-	-	752862	1
8	1	15	86.5	1456	-	-	995204	1
9	3	15	51.6	1562	1454	1564	238091	1
10	2	15	72.2	1269	1164	-	480546	1
11	3	15	63.7	1109	1475	1956	720961	1

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	18	70.9	1989	-	-	642598	1
1	3	18	65.9	1438	1030	1906	138626	1
2	2	18	97.2	1283	1640	-	299909	1
3	3	18	97.2	1755	1589	1099	459832	1
4	3	18	76	1787	1298	1147	620640	1
5	3	18	58.2	1630	1700	1040	118841	1
6	2	18	74.2	1280	1104	-	280307	1
7	2	18	70.5	1905	1251	-	440904	1
8	2	18	98.1	1319	1262	-	602348	1
9	1	18	50.1	1739	-	-	99449	1
10	1	18	97.8	1897	-	-	260653	1
11	2	18	72.8	1197	1719	-	421234	1
12	1	18	99.3	1857	-	-	583144	1
13	1	18	67.3	1355	-	-	79631	1
14	2	18	82.8	1444	1964	-	240246	1
15	2	18	57.6	1752	1610	-	401135	1
16	3	18	87.3	1360	1726	1123	561290	1
17	2	18	86.6	1595	1107	-	59634	1

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	12	92.8	1916	-	-	398179	1
1	1	12	61.9	1909	-	-	688757	1
2	1	12	79.8	1685	-	-	979515	1
3	2	12	91.1	1855	1150	-	71749	1
4	3	12	84.5	1294	1838	1753	361489	1
5	2	12	88.8	1145	1930	-	652329	1
6	2	12	54.4	1201	1157	-	943185	1
7	1	12	74.7	1830	-	-	36025	1
8	2	12	50.3	1210	1070	-	326496	1
9	2	12	76.3	1336	1143	-	616879	1

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	2	9	82.9	1176	1492	-	503086	1
1	2	9	96.4	1706	1265	-	128	1
2	2	9	88.7	1583	1791	-	160997	1
3	2	9	70.9	1483	1249	-	322178	1
4	1	9	51.9	1453	-	-	484134	1
5	1	9	50.6	1608	-	-	645319	1
6	3	9	78.6	1678	1892	1743	140769	1
7	1	9	51.8	1261	-	-	303013	1
8	1	9	97	1592	-	-	464164	1
9	3	9	78.4	1623	1370	1714	622536	1
10	2	9	74.1	1252	1869	-	121412	1
11	3	9	96.2	1061	1224	1459	282078	1
12	1	9	50.2	1339	-	-	444464	1
13	1	9	51.4	1796	-	-	605411	1
14	1	9	69	1628	-	-	101818	1
15	1	9	70.2	1536	-	-	263147	1
16	3	9	95.1	1704	1881	1323	422311	1
17	3	9	79.5	1216	1912	1461	583089	1

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	1	14	76.3	1740	-	-	134214	1
1	2	14	70.6	1391	1022	-	398126	1
2	3	14	51.2	1255	1995	1102	660941	1
3	1	14	78	1148	-	-	927192	1
4	1	14	88.3	1859	-	-	101665	1
5	2	14	99.9	1797	1641	-	365264	1
6	2	14	58.8	1872	1798	-	628876	1
7	2	14	60.3	1395	1204	-	893445	1
8	3	14	83.9	1379	1421	1968	68946	1
9	3	14	79.8	1050	1125	1220	332789	1
10	1	14	81.4	1354	-	-	597665	1

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	15	58.4	1014	1223	1389	524513	1
1	1	15	92.8	1060	-	-	22367	1
2	3	15	51.3	1308	1651	1305	182913	1
3	2	15	57.9	1803	1357	-	344139	1
4	3	15	98	1423	1934	1943	503431	1
5	3	15	87.7	1565	1403	1318	2470	1
6	3	15	51.7	1551	1693	1373	163037	1
7	2	15	61.4	1902	1668	-	324117	1
8	3	15	76.8	1681	1579	1736	483896	1
9	1	15	70.8	1744	-	-	647538	1
10	3	15	98.7	1522	1011	1338	143420	1
11	1	15	88.8	1167	-	-	305410	1
12	1	15	81	1342	-	-	466692	1
13	2	15	60.7	1474	1698	-	626326	1
14	1	15	58.8	1957	-	-	123976	1
15	1	15	62.4	1519	-	-	285377	1
16	1	15	96.7	1208	-	-	446905	1
17	3	15	61.7	1350	1312	1993	605149	1

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	PRF-1 (µS)	PRF-2 (µS)	PRF-3 (µS)	Pulse Start(µS)	Detection (1:yes; 0:no)
0	3	17	78.3	1653	1829	1271	98185	1
1	1	17	72.1	1705	-	-	251426	1
2	2	17	64.3	1418	1552	-	403379	1
3	2	17	93.7	1365	1508	-	555922	1
4	2	17	74.9	1973	1172	-	79662	1
5	1	17	98.4	1712	-	-	232607	1
6	3	17	79.8	1427	1369	1680	383678	1
7	3	17	75	1087	1463	1770	535903	1
8	1	17	54.8	1411	-	-	61056	1
9	2	17	58.1	1563	1584	-	213303	1
10	3	17	88.8	1843	1856	1032	364795	1
11	3	17	62.1	1173	1861	1867	516686	1
12	3	17	91.7	1019	1419	1491	42062	1
13	2	17	66.7	1763	1816	-	194395	1
14	3	17	98.8	1248	1179	1533	346494	1
15	1	17	70.4	1715	-	-	500496	1
16	2	17	88.6	1227	1701	-	23348	1
17	2	17	85.7	1627	1240	-	175833	1
18	3	17	72.8	1003	1647	1088	327861	1

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5500.0	9	1.0	333	1	5250.0, 5336.0, 5470.0, 5698.0, 5475.0, 5525.0, 5607.0, 5687.0, 5553.0, 5354.0, 5722.0, 5424.0, 5552.0, 5487.0, 5626.0, 5506.0, 5519.0, 5609.0, 5431.0, 5621.0, 5397.0, 5405.0, 5356.0, 5448.0, 5683.0, 5490.0, 5611.0, 5617.0, 5694.0, 5499.0, 5461.0, 5300.0, 5502.0, 5707.0, 5386.0, 5541.0, 5527.0, 5261.0, 5559.0, 5457.0, 5359.0, 5399.0, 5491.0, 5266.0, 5279.0, 5304.0, 5532.0, 5275.0, 5288.0, 5643.0, 5295.0, 5287.0, 5348.0, 5695.0, 5654.0, 5557.0, 5435.0, 5528.0, 5505.0, 5312.0, 5608.0, 5634.0, 5307.0, 5579.0, 5326.0, 5298.0, 5509.0, 5561.0, 5321.0, 5484.0, 5702.0, 5309.0, 5398.0, 5483.0, 5296.0, 5430.0, 5684.0, 5258.0, 5479.0, 5659.0, 5656.0, 5256.0, 5570.0, 5723.0, 5582.0, 5352.0, 5471.0, 5569.0, 5267.0, 5425.0, 5330.0, 5564.0, 5669.0, 5605.0, 5323.0, 5415.0, 5501.0, 5562.0, 5306.0, 5462.0
2	5500.0	9	1.0	333	1	5353.0, 5425.0, 5398.0, 5485.0, 5394.0, 5665.0, 5723.0, 5477.0, 5500.0, 5350.0, 5583.0, 5461.0, 5289.0, 5546.0, 5636.0, 5711.0, 5428.0, 5479.0, 5707.0, 5374.0, 5603.0, 5270.0, 5717.0, 5272.0, 5683.0, 5640.0, 5698.0, 5329.0, 5514.0, 5687.0, 5269.0, 5667.0, 5344.0, 5261.0, 5366.0, 5362.0, 5259.0, 5713.0, 5722.0, 5340.0, 5365.0, 5651.0, 5552.0, 5503.0, 5513.0, 5528.0, 5635.0, 5666.0, 5506.0, 5416.0, 5253.0, 5342.0, 5307.0, 5339.0, 5531.0, 5499.0, 5393.0, 5385.0, 5349.0, 5625.0, 5507.0, 5673.0, 5421.0, 5332.0, 5265.0, 5360.0, 5595.0, 5301.0, 5396.0, 5480.0, 5639.0, 5537.0, 5316.0, 5423.0, 5363.0, 5486.0, 5354.0, 5599.0, 5700.0, 5335.0, 5511.0, 5443.0, 5561.0, 5464.0, 5534.0, 5370.0, 5540.0, 5295.0, 5434.0, 5586.0, 5401.0, 5286.0, 5462.0, 5524.0, 5347.0, 5690.0, 5570.0, 5369.0, 5260.0, 5620.0
3	5500.0	9	1.0	333	1	5635.0, 5512.0, 5419.0, 5341.0, 5429.0, 5478.0, 5613.0, 5479.0, 5470.0, 5475.0, 5418.0, 5591.0, 5452.0, 5290.0, 5542.0, 5674.0, 5710.0, 5307.0, 5560.0, 5605.0, 5717.0, 5527.0, 5593.0, 5690.0, 5397.0, 5460.0, 5324.0, 5596.0, 5462.0, 5559.0, 5684.0, 5318.0, 5422.0, 5427.0, 5567.0, 5722.0, 5384.0, 5370.0, 5520.0, 5407.0, 5269.0, 5619.0, 5474.0, 5412.0, 5662.0, 5482.0, 5439.0, 5657.0, 5536.0, 5547.0, 5387.0, 5649.0, 5330.0, 5632.0, 5517.0, 5518.0, 5545.0, 5705.0, 5259.0, 5539.0, 5564.0, 5325.0, 5333.0, 5524.0, 5326.0,

						5556.0, 5414.0, 5334.0, 5420.0, 5400.0, 5306.0, 5374.0, 5267.0, 5457.0, 5250.0, 5521.0, 5502.0, 5421.0, 5583.0, 5587.0, 5276.0, 5386.0, 5557.0, 5575.0, 5656.0, 5555.0, 5514.0, 5640.0, 5436.0, 5683.0, 5373.0, 5273.0, 5515.0, 5382.0, 5582.0, 5630.0, 5442.0, 5444.0, 5577.0, 5607.0
4	5500.0	9	1.0	333	1	5256.0, 5570.0, 5325.0, 5263.0, 5423.0, 5563.0, 5326.0, 5414.0, 5466.0, 5382.0, 5519.0, 5653.0, 5491.0, 5430.0, 5291.0, 5417.0, 5520.0, 5389.0, 5646.0, 5547.0, 5353.0, 5278.0, 5531.0, 5530.0, 5477.0, 5476.0, 5293.0, 5505.0, 5480.0, 5439.0, 5309.0, 5604.0, 5296.0, 5411.0, 5308.0, 5722.0, 5253.0, 5630.0, 5420.0, 5689.0, 5463.0, 5425.0, 5412.0, 5409.0, 5311.0, 5359.0, 5601.0, 5682.0, 5683.0, 5286.0, 5262.0, 5709.0, 5455.0, 5643.0, 5688.0, 5385.0, 5544.0, 5644.0, 5576.0, 5662.0, 5558.0, 5587.0, 5457.0, 5655.0, 5292.0, 5440.0, 5436.0, 5619.0, 5487.0, 5276.0, 5380.0, 5338.0, 5524.0, 5484.0, 5537.0, 5392.0, 5431.0, 5387.0, 5626.0, 5651.0, 5506.0, 5486.0, 5438.0, 5266.0, 5686.0, 5443.0, 5331.0, 5677.0, 5649.0, 5295.0, 5350.0, 5399.0, 5358.0, 5565.0, 5527.0, 5426.0, 5567.0, 5381.0, 5397.0, 5610.0
5	5500.0	9	1.0	333	1	5692.0, 5595.0, 5610.0, 5705.0, 5378.0, 5626.0, 5412.0, 5370.0, 5445.0, 5467.0, 5616.0, 5644.0, 5363.0, 5465.0, 5508.0, 5558.0, 5386.0, 5320.0, 5452.0, 5654.0, 5519.0, 5282.0, 5415.0, 5501.0, 5648.0, 5430.0, 5596.0, 5707.0, 5288.0, 5272.0, 5304.0, 5662.0, 5526.0, 5614.0, 5280.0, 5477.0, 5670.0, 5658.0, 5469.0, 5348.0, 5262.0, 5379.0, 5691.0, 5438.0, 5531.0, 5431.0, 5525.0, 5608.0, 5485.0, 5506.0, 5598.0, 5400.0, 5581.0, 5611.0, 5536.0, 5331.0, 5361.0, 5633.0, 5687.0, 5657.0, 5678.0, 5301.0, 5492.0, 5518.0, 5697.0, 5601.0, 5315.0, 5333.0, 5553.0, 5463.0, 5489.0, 5505.0, 5364.0, 5544.0, 5309.0, 5459.0, 5365.0, 5521.0, 5356.0, 5625.0, 5383.0, 5549.0, 5413.0, 5475.0, 5266.0, 5618.0, 5411.0, 5490.0, 5278.0, 5391.0, 5685.0, 5393.0, 5612.0, 5480.0, 5631.0, 5471.0, 5290.0, 5287.0, 5397.0, 5352.0
6	5500.0	9	1.0	333	1	5348.0, 5403.0, 5511.0, 5289.0, 5659.0, 5395.0, 5307.0, 5452.0, 5716.0, 5335.0, 5333.0, 5278.0, 5271.0, 5362.0, 5585.0, 5497.0, 5463.0, 5555.0, 5586.0, 5601.0, 5276.0, 5279.0, 5409.0, 5470.0, 5340.0, 5649.0, 5525.0, 5666.0, 5317.0, 5626.0, 5529.0, 5439.0, 5454.0, 5336.0, 5669.0, 5646.0, 5457.0, 5641.0, 5267.0, 5617.0, 5636.0, 5420.0, 5389.0, 5431.0, 5714.0, 5458.0, 5285.0, 5392.0, 5275.0, 5407.0,

						5504.0, 5572.0, 5591.0, 5390.0, 5430.0, 5464.0, 5253.0, 5354.0, 5484.0, 5269.0, 5293.0, 5705.0, 5594.0, 5373.0, 5446.0, 5665.0, 5383.0, 5303.0, 5599.0, 5428.0, 5381.0, 5440.0, 5331.0, 5629.0, 5357.0, 5655.0, 5515.0, 5565.0, 5493.0, 5634.0, 5684.0, 5549.0, 5603.0, 5518.0, 5542.0, 5596.0, 5628.0, 5332.0, 5710.0, 5264.0, 5676.0, 5512.0, 5315.0, 5610.0, 5438.0, 5413.0, 5350.0, 5496.0, 5507.0, 5321.0
7	5500.0	9	1.0	333	1	5721.0, 5257.0, 5389.0, 5589.0, 5646.0, 5498.0, 5271.0, 5708.0, 5716.0, 5303.0, 5253.0, 5423.0, 5411.0, 5284.0, 5543.0, 5488.0, 5280.0, 5255.0, 5479.0, 5446.0, 5453.0, 5337.0, 5269.0, 5292.0, 5480.0, 5252.0, 5422.0, 5287.0, 5681.0, 5350.0, 5520.0, 5546.0, 5369.0, 5390.0, 5458.0, 5654.0, 5698.0, 5587.0, 5586.0, 5352.0, 5608.0, 5668.0, 5619.0, 5329.0, 5351.0, 5274.0, 5399.0, 5391.0, 5611.0, 5697.0, 5470.0, 5508.0, 5652.0, 5517.0, 5444.0, 5715.0, 5550.0, 5507.0, 5471.0, 5595.0, 5489.0, 5330.0, 5270.0, 5476.0, 5449.0, 5439.0, 5632.0, 5599.0, 5692.0, 5430.0, 5364.0, 5301.0, 5427.0, 5459.0, 5495.0, 5378.0, 5465.0, 5324.0, 5569.0, 5570.0, 5304.0, 5561.0, 5265.0, 5421.0, 5620.0, 5294.0, 5355.0, 5665.0, 5272.0, 5357.0, 5367.0, 5316.0, 5475.0, 5531.0, 5397.0, 5524.0, 5687.0, 5415.0, 5277.0, 5637.0
8	5500.0	9	1.0	333	1	5281.0, 5492.0, 5568.0, 5489.0, 5366.0, 5285.0, 5358.0, 5658.0, 5561.0, 5464.0, 5644.0, 5433.0, 5547.0, 5430.0, 5301.0, 5662.0, 5468.0, 5441.0, 5360.0, 5597.0, 5691.0, 5379.0, 5579.0, 5473.0, 5545.0, 5294.0, 5331.0, 5435.0, 5649.0, 5655.0, 5278.0, 5559.0, 5673.0, 5313.0, 5335.0, 5648.0, 5634.0, 5395.0, 5417.0, 5401.0, 5291.0, 5635.0, 5314.0, 5264.0, 5437.0, 5413.0, 5412.0, 5664.0, 5393.0, 5352.0, 5445.0, 5677.0, 5555.0, 5482.0, 5484.0, 5657.0, 5541.0, 5400.0, 5257.0, 5586.0, 5719.0, 5436.0, 5577.0, 5404.0, 5309.0, 5476.0, 5720.0, 5354.0, 5639.0, 5403.0, 5295.0, 5604.0, 5475.0, 5340.0, 5704.0, 5595.0, 5423.0, 5574.0, 5705.0, 5375.0, 5713.0, 5481.0, 5260.0, 5535.0, 5598.0, 5378.0, 5297.0, 5614.0, 5511.0, 5636.0, 5425.0, 5371.0, 5345.0, 5530.0, 5508.0, 5524.0, 5268.0, 5434.0, 5542.0, 5650.0
9	5500.0	9	1.0	333	1	5705.0, 5308.0, 5618.0, 5668.0, 5697.0, 5499.0, 5619.0, 5673.0, 5453.0, 5556.0, 5336.0, 5655.0, 5467.0, 5490.0, 5437.0, 5321.0, 5254.0, 5382.0, 5250.0, 5290.0, 5369.0, 5501.0, 5513.0, 5542.0, 5538.0, 5500.0, 5671.0, 5291.0, 5620.0, 5277.0, 5349.0, 5435.0, 5520.0, 5566.0, 5510.0, 5327.0, 5340.0, 5301.0, 5260.0, 5565.0, 5519.0, 5570.0, 5509.0, 5524.0, 5695.0,

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10	5500.0	9	1.0	333	1	5260.0, 5355.0, 5640.0, 5311.0, 5444.0, 5406.0, 5545.0, 5665.0, 5669.0, 5484.0, 5495.0, 5638.0, 5318.0, 5567.0, 5553.0, 5335.0, 5306.0, 5386.0, 5297.0, 5530.0, 5461.0, 5370.0, 5415.0, 5447.0, 5440.0, 5623.0, 5671.0, 5308.0, 5486.0, 5267.0, 5383.0, 5428.0, 5503.0, 5389.0, 5534.0, 5424.0, 5653.0, 5372.0, 5562.0, 5715.0, 5492.0, 5695.0, 5674.0, 5705.0, 5622.0, 5566.0, 5358.0, 5619.0, 5680.0, 5399.0, 5338.0, 5580.0, 5333.0, 5600.0, 5253.0, 5591.0, 5506.0, 5488.0, 5544.0, 5475.0, 5303.0, 5340.0, 5620.0, 5631.0, 5392.0, 5418.0, 5319.0, 5380.0, 5251.0, 5425.0, 5670.0, 5460.0, 5554.0, 5417.0, 5391.0, 5703.0, 5597.0, 5295.0, 5583.0, 5576.0, 5639.0, 5590.0, 5354.0, 5293.0, 5529.0, 5692.0, 5543.0, 5341.0, 5546.0, 5679.0, 5451.0, 5429.0, 5682.0, 5455.0, 5470.0, 5468.0, 5551.0, 5526.0, 5445.0, 5527.0
11	5500.0	9	1.0	333	0	5627.0, 5564.0, 5428.0, 5448.0, 5516.0, 5478.0, 5410.0, 5276.0, 5494.0, 5611.0, 5363.0, 5398.0, 5652.0, 5624.0, 5328.0, 5361.0, 5431.0, 5706.0, 5688.0, 5347.0, 5519.0, 5617.0, 5514.0, 5603.0, 5535.0, 5279.0, 5376.0, 5470.0, 5497.0, 5593.0, 5471.0, 5489.0, 5714.0, 5266.0, 5490.0, 5457.0, 5621.0, 5419.0, 5354.0, 5702.0, 5284.0, 5610.0, 5686.0, 5572.0, 5571.0, 5579.0, 5574.0, 5350.0, 5386.0, 5560.0, 5701.0, 5357.0, 5591.0, 5257.0, 5661.0, 5709.0, 5377.0, 5332.0, 5267.0, 5436.0, 5327.0, 5550.0, 5425.0, 5663.0, 5268.0, 5403.0, 5313.0, 5324.0, 5254.0, 5435.0, 5335.0, 5674.0, 5401.0, 5692.0, 5498.0, 5391.0, 5644.0, 5645.0, 5278.0, 5314.0, 5427.0, 5289.0, 5537.0, 5262.0, 5662.0, 5315.0, 5452.0, 5282.0, 5308.0, 5677.0, 5721.0, 5344.0, 5304.0, 5569.0, 5491.0, 5454.0, 5319.0, 5325.0, 5365.0, 5562.0
12	5500.0	9	1.0	333	0	-
13	5500.0	9	1.0	333	1	5426.0, 5614.0, 5552.0, 5276.0, 5417.0, 5266.0, 5350.0, 5379.0, 5675.0, 5615.0, 5261.0, 5543.0, 5252.0, 5295.0, 5257.0, 5358.0, 5514.0, 5422.0, 5563.0, 5571.0, 5394.0, 5328.0, 5545.0, 5458.0, 5364.0,

						5542.0, 5296.0, 5646.0, 5262.0, 5634.0, 5459.0, 5289.0, 5392.0, 5363.0, 5683.0, 5496.0, 5607.0, 5668.0, 5294.0, 5355.0, 5632.0, 5677.0, 5540.0, 5605.0, 5597.0, 5589.0, 5549.0, 5441.0, 5480.0, 5476.0, 5536.0, 5495.0, 5623.0, 5591.0, 5412.0, 5269.0, 5482.0, 5523.0, 5567.0, 5381.0, 5671.0, 5497.0, 5661.0, 5594.0, 5425.0, 5329.0, 5467.0, 5464.0, 5670.0, 5370.0, 5720.0, 5325.0, 5408.0, 5292.0, 5344.0, 5709.0, 5279.0, 5351.0, 5308.0, 5288.0, 5649.0, 5332.0, 5457.0, 5260.0, 5354.0, 5551.0, 5667.0, 5318.0, 5534.0, 5613.0, 5676.0, 5528.0, 5382.0, 5558.0, 5267.0, 5359.0, 5684.0, 5311.0, 5251.0, 5302.0
14	5500.0	9	1.0	333	1	5267.0, 5617.0, 5255.0, 5637.0, 5391.0, 5406.0, 5514.0, 5459.0, 5606.0, 5493.0, 5356.0, 5704.0, 5385.0, 5687.0, 5697.0, 5700.0, 5692.0, 5288.0, 5375.0, 5718.0, 5292.0, 5419.0, 5368.0, 5646.0, 5455.0, 5296.0, 5685.0, 5354.0, 5262.0, 5404.0, 5357.0, 5492.0, 5315.0, 5274.0, 5263.0, 5277.0, 5515.0, 5597.0, 5417.0, 5435.0, 5280.0, 5293.0, 5400.0, 5313.0, 5458.0, 5611.0, 5546.0, 5409.0, 5711.0, 5573.0, 5331.0, 5299.0, 5628.0, 5381.0, 5424.0, 5641.0, 5312.0, 5648.0, 5716.0, 5569.0, 5436.0, 5473.0, 5574.0, 5285.0, 5589.0, 5410.0, 5624.0, 5630.0, 5390.0, 5715.0, 5373.0, 5528.0, 5598.0, 5660.0, 5487.0, 5279.0, 5289.0, 5272.0, 5311.0, 5531.0, 5353.0, 5364.0, 5471.0, 5489.0, 5721.0, 5627.0, 5416.0, 5618.0, 5719.0, 5427.0, 5683.0, 5475.0, 5420.0, 5620.0, 5374.0, 5612.0, 5360.0, 5592.0, 5378.0, 5496.0
15	5500.0	9	1.0	333	1	5289.0, 5699.0, 5720.0, 5379.0, 5633.0, 5415.0, 5480.0, 5423.0, 5659.0, 5685.0, 5288.0, 5639.0, 5628.0, 5597.0, 5417.0, 5610.0, 5459.0, 5257.0, 5306.0, 5536.0, 5547.0, 5286.0, 5593.0, 5589.0, 5471.0, 5492.0, 5326.0, 5667.0, 5323.0, 5386.0, 5683.0, 5714.0, 5544.0, 5269.0, 5721.0, 5651.0, 5715.0, 5578.0, 5579.0, 5539.0, 5527.0, 5403.0, 5392.0, 5670.0, 5669.0, 5344.0, 5316.0, 5671.0, 5487.0, 5564.0, 5501.0, 5583.0, 5346.0, 5376.0, 5605.0, 5425.0, 5632.0, 5688.0, 5543.0, 5320.0, 5642.0, 5350.0, 5345.0, 5470.0, 5664.0, 5304.0, 5503.0, 5658.0, 5537.0, 5700.0, 5298.0, 5560.0, 5672.0, 5706.0, 5636.0, 5252.0, 5352.0, 5533.0, 5617.0, 5570.0, 5582.0, 5264.0, 5385.0, 5359.0, 5427.0, 5580.0, 5395.0, 5591.0, 5545.0, 5383.0, 5408.0, 5367.0, 5499.0, 5333.0, 5614.0, 5478.0, 5538.0, 5372.0, 5313.0, 5399.0
16	5500.0	9	1.0	333	1	5612.0, 5561.0, 5283.0, 5554.0, 5536.0,

						5671.0, 5721.0, 5489.0, 5581.0, 5327.0, 5547.0, 5487.0, 5631.0, 5594.0, 5417.0, 5592.0, 5601.0, 5692.0, 5480.0, 5384.0, 5539.0, 5325.0, 5691.0, 5493.0, 5452.0, 5338.0, 5472.0, 5502.0, 5649.0, 5332.0, 5707.0, 5279.0, 5624.0, 5471.0, 5346.0, 5490.0, 5295.0, 5267.0, 5614.0, 5322.0, 5297.0, 5643.0, 5627.0, 5461.0, 5383.0, 5456.0, 5683.0, 5583.0, 5500.0, 5445.0, 5340.0, 5432.0, 5457.0, 5386.0, 5610.0, 5579.0, 5664.0, 5513.0, 5572.0, 5449.0, 5359.0, 5313.0, 5356.0, 5463.0, 5640.0, 5523.0, 5284.0, 5276.0, 5694.0, 5548.0, 5515.0, 5525.0, 5389.0, 5638.0, 5272.0, 5404.0, 5407.0, 5486.0, 5437.0, 5506.0, 5485.0, 5258.0, 5677.0, 5436.0, 5257.0, 5277.0, 5718.0, 5467.0, 5282.0, 5296.0, 5305.0, 5454.0, 5433.0, 5494.0, 5380.0, 5685.0, 5528.0, 5331.0, 5316.0, 5418.0
17	5500.0	9	1.0	333	1	5443.0, 5536.0, 5635.0, 5329.0, 5720.0, 5347.0, 5584.0, 5518.0, 5565.0, 5528.0, 5319.0, 5340.0, 5399.0, 5364.0, 5636.0, 5432.0, 5261.0, 5579.0, 5388.0, 5301.0, 5663.0, 5533.0, 5681.0, 5655.0, 5552.0, 5511.0, 5461.0, 5623.0, 5254.0, 5251.0, 5538.0, 5299.0, 5408.0, 5308.0, 5456.0, 5431.0, 5297.0, 5637.0, 5447.0, 5326.0, 5295.0, 5702.0, 5393.0, 5671.0, 5542.0, 5298.0, 5673.0, 5643.0, 5607.0, 5697.0, 5568.0, 5355.0, 5429.0, 5361.0, 5660.0, 5259.0, 5701.0, 5409.0, 5290.0, 5490.0, 5430.0, 5638.0, 5437.0, 5255.0, 5640.0, 5442.0, 5705.0, 5704.0, 5325.0, 5644.0, 5425.0, 5502.0, 5664.0, 5669.0, 5561.0, 5372.0, 5595.0, 5575.0, 5543.0, 5576.0, 5439.0, 5386.0, 5459.0, 5493.0, 5690.0, 5478.0, 5344.0, 5604.0, 5489.0, 5686.0, 5626.0, 5532.0, 5377.0, 5580.0, 5602.0, 5323.0, 5588.0, 5560.0, 5535.0, 5615.0
18	5500.0	9	1.0	333	1	5600.0, 5670.0, 5551.0, 5584.0, 5524.0, 5496.0, 5373.0, 5494.0, 5675.0, 5591.0, 5659.0, 5537.0, 5398.0, 5272.0, 5620.0, 5315.0, 5587.0, 5704.0, 5477.0, 5526.0, 5523.0, 5271.0, 5304.0, 5558.0, 5422.0, 5369.0, 5649.0, 5525.0, 5481.0, 5690.0, 5520.0, 5586.0, 5470.0, 5278.0, 5565.0, 5691.0, 5250.0, 5390.0, 5258.0, 5461.0, 5468.0, 5514.0, 5388.0, 5389.0, 5364.0, 5662.0, 5423.0, 5645.0, 5434.0, 5710.0, 5716.0, 5365.0, 5538.0, 5340.0, 5669.0, 5638.0, 5651.0, 5574.0, 5666.0, 5403.0, 5449.0, 5377.0, 5614.0, 5487.0, 5486.0, 5368.0, 5274.0, 5490.0, 5596.0, 5333.0, 5431.0, 5425.0, 5265.0, 5347.0, 5489.0, 5648.0, 5424.0, 5338.0, 5356.0, 5260.0, 5414.0, 5352.0, 5625.0, 5575.0, 5671.0, 5363.0, 5392.0, 5564.0, 5686.0, 5632.0,

						5639.0, 5303.0, 5358.0, 5444.0, 5330.0, 5582.0, 5344.0, 5391.0, 5571.0, 5485.0
19	5500.0	9	1.0	333	1	5687.0, 5663.0, 5257.0, 5662.0, 5632.0, 5641.0, 5493.0, 5669.0, 5647.0, 5655.0, 5507.0, 5667.0, 5323.0, 5251.0, 5363.0, 5634.0, 5382.0, 5595.0, 5291.0, 5278.0, 5279.0, 5721.0, 5389.0, 5483.0, 5343.0, 5599.0, 5393.0, 5425.0, 5559.0, 5488.0, 5443.0, 5701.0, 5457.0, 5344.0, 5610.0, 5264.0, 5388.0, 5416.0, 5525.0, 5711.0, 5597.0, 5605.0, 5405.0, 5432.0, 5654.0, 5518.0, 5267.0, 5289.0, 5494.0, 5511.0, 5496.0, 5616.0, 5693.0, 5300.0, 5256.0, 5675.0, 5345.0, 5328.0, 5593.0, 5539.0, 5651.0, 5695.0, 5317.0, 5489.0, 5498.0, 5481.0, 5252.0, 5263.0, 5482.0, 5296.0, 5499.0, 5544.0, 5551.0, 5384.0, 5684.0, 5575.0, 5281.0, 5478.0, 5331.0, 5440.0, 5330.0, 5541.0, 5318.0, 5310.0, 5520.0, 5434.0, 5659.0, 5628.0, 5531.0, 5477.0, 5526.0, 5607.0, 5486.0, 5510.0, 5606.0, 5715.0, 5476.0, 5571.0, 5673.0, 5373.0
20	5500.0	9	1.0	333	1	5302.0, 5323.0, 5534.0, 5602.0, 5296.0, 5706.0, 5376.0, 5577.0, 5293.0, 5515.0, 5700.0, 5722.0, 5287.0, 5621.0, 5500.0, 5598.0, 5681.0, 5350.0, 5705.0, 5399.0, 5532.0, 5563.0, 5614.0, 5478.0, 5648.0, 5343.0, 5433.0, 5450.0, 5437.0, 5559.0, 5297.0, 5393.0, 5576.0, 5693.0, 5624.0, 5432.0, 5572.0, 5402.0, 5613.0, 5689.0, 5662.0, 5464.0, 5362.0, 5509.0, 5385.0, 5544.0, 5490.0, 5273.0, 5463.0, 5462.0, 5625.0, 5619.0, 5440.0, 5470.0, 5254.0, 5286.0, 5317.0, 5428.0, 5678.0, 5533.0, 5406.0, 5596.0, 5639.0, 5650.0, 5255.0, 5447.0, 5607.0, 5499.0, 5328.0, 5488.0, 5360.0, 5438.0, 5377.0, 5640.0, 5529.0, 5704.0, 5372.0, 5327.0, 5584.0, 5339.0, 5351.0, 5396.0, 5692.0, 5291.0, 5642.0, 5281.0, 5690.0, 5466.0, 5426.0, 5397.0, 5511.0, 5616.0, 5346.0, 5386.0, 5641.0, 5252.0, 5518.0, 5555.0, 5548.0, 5570.0
21	5500.0	9	1.0	333	1	5590.0, 5588.0, 5646.0, 5300.0, 5513.0, 5270.0, 5665.0, 5603.0, 5511.0, 5369.0, 5440.0, 5372.0, 5317.0, 5307.0, 5598.0, 5714.0, 5636.0, 5723.0, 5446.0, 5475.0, 5531.0, 5669.0, 5362.0, 5474.0, 5291.0, 5337.0, 5479.0, 5319.0, 5400.0, 5278.0, 5530.0, 5643.0, 5461.0, 5570.0, 5544.0, 5599.0, 5361.0, 5629.0, 5366.0, 5282.0, 5298.0, 5657.0, 5631.0, 5537.0, 5257.0, 5673.0, 5667.0, 5686.0, 5489.0, 5447.0, 5699.0, 5542.0, 5303.0, 5546.0, 5593.0, 5405.0, 5662.0, 5431.0, 5265.0, 5277.0, 5385.0, 5623.0, 5352.0, 5652.0, 5639.0, 5580.0, 5424.0, 5480.0, 5258.0, 5641.0,